

Asian Clusters in Agriculture and Climate Change

Deliverable: D2.1

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I. Introduction

Within the “Innovative curricula” pillar of the ALIGNING project in Cambodia and Bangladesh, this report is part of Work Package 2: “Fostering institutional engagement and change”. This work aims to validate the needs analysis and pave the way for a strategy to develop ALIGNING Innovative clusters’ and to prepare the ground for institutional change. The main objectives of WP2 are to:

- (i) validate needs analysis for upskilling of Asian farmers and agribusinesses, as well as HEIs;
- (ii) take stock of climate adaptation best practices for agriculture systems in the Asian context, and
- (iii) develop or propose an institutional strategy for stakeholder engagement and institutional change in Asian HEIs.

This report presents the outcome of point (i) above, which is Task T2.1. “Validation and alignment of skills’ demand in agribusiness” with deliverable D2.1. The deliverable is also the prelude to the next task T2.2 “Assessing climate emergency and mapping adaptation measures in agriculture” in the context of emergency and adaptation measures, also resulting in a report D2.2. These two tasks are necessary in order to develop/propose a strategy and network valid in the national contexts for the establishment of agricultural innovative clusters in the HEIs in Bangladesh and Cambodia.

The main aim of this report is to assess and validate the existing needs in agriculture and climate change innovation, or even better, identify new emerging needs, as well as to gain an insight in the current sustainable adaptation approaches by different stakeholders involved in the agricultural value chains, including the HEIs.

During the preparatory (proposal) phase of the project, a needs analysis in agribusiness skills was performed. This initial-stage analysis identified clear and bridgeable constraints in Cambodia and Bangladesh related to (i) limited resources and infrastructures in the development of agribusiness and agro-industry, (ii) needed improvement of the skills of existing lecturers and staff at HEIs, especially in the field of learning uptake and digital technology, and (iii) restricted achievement of the required standards in attaining higher education accreditation for the establishment of an agribusiness incubator to provide opportunities for students to train themselves in agribusiness operations. Another pre-identified constraint was (iv) lack of specialized software, hands-on training to postgraduate students, and (v) lack of mentoring of the teaching staff to achieve learning standards and accreditation and to manage the innovative clusters in the agribusiness sector.

This report presents the results of a combined systematic literature review and online surveys with fully structured questions developed by Aarhus University with revision and inputs from all ALIGNING



partners and distributed to key members of the agribusiness ecosystem in the Asian participating countries, including the HEIs in Bangladesh and Cambodia.

II. Methodology

From mid-February to mid-March 2024, we conducted a structured literature review using the Web of Science citation databases based on the following keywords: “agricultural innovation” AND “climate change” AND “economy” OR “education” AND “agriculture” OR “agrifood”. The aim was to screen and select recent case studies from Cambodia and Bangladesh published in the last 15 years from 2009 to 2023. The objective was to provide a descriptive assessment of the climate change effects and sustainability outcomes of the agricultural sector, which are known to offer a highly variegated picture in the two countries often not reflected in national level statistics or international organizations assessments used for monitoring the distance to target towards achieving the 2030 Agenda (Ehrensperger et al., 2023). We filtered the relevant studies based on the abstract and the conclusion to select only papers addressing the broad theme of interest - skills’ demand in agribusiness, and the selected studies were reviewed and conclusions drawn.

Following the ALIGNING kick-off meeting (24-25 January 2024, Siem Reap, Cambodia) and during February 2024, we drafted a structured questionnaire with mostly closed-answer questions on Google Drive (Microsoft, USA). All partners were invited to provide comments and inputs to the draft design of the questionnaire, the questions and the targeted stakeholders, for 10 days. Afterwards, we incorporated the comments and compiled a questionnaire of about 30 questions targeting four main stakeholder groups in both Cambodia and Bangladesh: (i) HEI/university staff (professors, graduate students, staff), (ii) agricultural sector close to primary production (farmers, advisory), (iii) agribusiness (companies along the nearly entire agricultural value chain), (iv) governmental offices in the agricultural sector and (v) NGOs. The questions were in English with an option for auto-translation online. The questionnaire was compiled in SurveyXact (Ramboll, Denmark), which is a market-leading platform for customer opinion surveys, market analysis and alike. The questionnaire also included a section on the basic demographic profile of the respondents. The questionnaire was shared with all ALIGNING partners, and information was provided to the Asian partner HEIs to contact stakeholders, in addition to the European HEI outreach to their networks from other projects. We distributed the link on 17 March 2024 and we herein report the results up to 26 March 2024. The target was to collect at least 150 responses per country. The survey remains available until 15 April, when it will be finally closed and this is because, D2.1 and D2.1 will eventually result in a scientific paper, for which sufficient data are needed. The structure of the questionnaire and the questions are provided in the Annex.

The link to the questionnaire:

<https://survey.au.dk/LinkCollector?key=3HWDML13N>



III. Results

a. Literature review

Both Cambodia and Bangladesh currently are found in a new and changing landscape where the emergence, complexity and significance of climate change, alongside global geo-political events, affect the entire value chain in agriculture, from primary production to consumers. Climate change is herein broadly referred to relatively small, short- to medium-term and unpredictable weather shocks/events, i.e., increased weather variability (more frequent and longer droughts, floods and heat waves) associated with disrupted value chains and people migrations. The HEIs (should) play a special role as knowledge and innovation providers to the relevant stakeholders so they can better prepare, i.e., adapt to the increased weather variability while maintaining social and economic viability. On top of the existing knowledge on the need for agrarian reforms such as the ongoing modernisation in this region of Southeast Asia (e.g., Ehrensperger et al., 2023), the literature shows that there already are plenty of results generated by the HEIs identifying needs of various stakeholders- predominantly the primary producers, amid climate change, but they appear scattered in the research landscape and not communicated with the vastly different stakeholders in the agricultural value chains. This also clearly shows large potential for institutionalized innovation and its channelization through, for instance, innovation clusters gathering different stakeholders.

Cheng (2015) defined three core lessons and implications for re-modelling and reconceptualizing skills development in Cambodia for successful learning-work transitions by social enterprises' educational and managerial innovations. 1) Changing the mindset from employing a beneficiary to employing a person who adds value to the enterprise. 2) Acquired onset learning of real work skills. 3) Skills development involving both skills and employment distribution. The study underlines the importance of incorporating ethics to the market, thereby creating decent employment for young people in social enterprises. In strictly agricultural context, Flor et al. (2020) provides a recent example of the lack of adoption of alternative sustainable technologies among Cambodian farmers who instead mix different pesticides and growth activators, fueled by influential stakeholders and interactions leading to repeated confirmation of specific information courses lacking updates on adaptation. This study argues that financial arrangements and diversified interaction patterns among farmers, pesticide sellers, and laborers, i.e., different stakeholders are needed and this is very important. In addition, Suvedu et al. (2018) found that agricultural development professionals felt insufficient in core competencies regarding their work. Educational and informational technology and program evaluation were described with the highest gap in competency. A decade ago Maxwell et al. (2012) found that the Cambodian farmers adopting innovation spend considerably less time in their agricultural activities without yield penalty compared to their more laborious counterparts - as exemplified for animal husbandry-forage crop integrated system (grass and legume and cattle). Furthermore, the study showed improved children's education resulting from the time saving and the opportunity for the child to comply more with the school and teacher requirements. How these



benefits of adopting innovation with information technologies are affected by increased weather variability remains unknown. Actually, digitization in agriculture has gained momentum more in the economically developing than the economically developed countries (e.g., Chebo and Dhliwayo, 2024), which is a paradox. A recent study by Herrador (2024) found that the Circular Economy Strategy and Action Plan of Cambodia are well-developed in the current agriculture and climate change context, providing promising premises to carry out high-impact initiatives, with measurable data and monitoring goals. However, the need to ensure funding capacity and clear funding pathways were also clearly highlighted in the study. Other case studies involving circularity innovation indeed report that the Cambodian farmers are able to meet many of the sustainability criteria, for instance under carbon abatement and employment of a gasification–biochar system, but still needs better wastewater management and more evidence to demonstrate repeatable agronomic efficacy of the biochar application, as in Europe (Shackley et al., 2012).

In **Bangladesh**, Kabir et al. (2022) found that education, training related to specific agricultural practices (such as floating agriculture), as well as credit received, communication behavior, trialability and observability, and complexity in agricultural practices motivate farmers to adopt the practice itself amid climate change. However, obstacle factors related to unpredictable weather variability such as high waves, excessive rainfall, aquatic plant scarcity, inadequate demonstration plots, conflict and political power abuse can make floating (or innovative) agriculture difficult to practice. This study clearly points to the need for governmental support along the agricultural value chain, from the design of the practice, through dissemination and adoption, which is slightly different compared to Cambodia for instance, where the beginning of the value chain and the design of the practices seem to have more momentum. Also a recent study in Bangladesh showed that there is insufficient knowledge about new states of the environment due to climate change, such as soil salinization and reclamation of saline soils and modern cultivation practices in the salt prone areas, suggesting modern, effective and eco-friendly solution in reducing soil salinity while maintaining plant growth and productivity (Sultan et al., 2023). The study of Rahman et al. (2024) found that foreign direct investments inflow in Bangladesh agriculture has a statistically significant effect on agricultural share to GDP in the short run but is insignificant in the long run. Bangladesh will have to improve its policy for creating the environment to attract long-term foreign direct investments in the agricultural sector to boost agricultural productivity. This will, however, likely not be achieved by targeting only export crops/systems, but rather with integrated optimization of export systems with local agricultural development. Also recently, Polas et al. (2023) found that adoption of green innovation is positively and significantly associated with the environmental concern of rural entrepreneurs and perceived ease of use in Bangladesh agriculture. The intention to use green energy technology (for instance solar energy) is found to mediate the associations between environmental concern and attitude with the adoption of green innovation. Finally, Sayem et al. (2023) presents an IoT-based smart agro-farm security system to ensure agro-farm security and promote agricultural industry sustainability. The system detects unauthorized access and triggers alarms, sending real-time notifications to the farmer's house and mobile device. The study reports an overall system efficiency of 90%.



From the above, it can be concluded both Cambodia and Bangladesh tackle agricultural innovations amid climate change- weather variability, with the potential for a game-changer towards more resilient agricultural value chains. The literature review shows that agricultural innovation is emerging in a variety of ways with slight differences between the two countries. In Bangladesh, climate change directly affects the entire agricultural system, and innovation in the primary production sector seems especially needed. Cambodia has started to tackle stakeholders' education and circularity principles in the agricultural value chains with large space for improvements.

b. Online questionnaire

As of 27 March 2024, 282 responses in total were obtained to the questionnaire, out of which 126 were completed, 106 partially completed, and 50 started; from the total number of responses, 107 from Cambodia, 121 from Bangladesh, the rest no answer of residency. Median age was 46 years and nearly 80% were males, mostly married. Education-wise, most respondents (60%) had an MSc degree, followed by PhD (24%), BSc (12%) and the rest other forms of education. This statistics indicates the HEIs as the primary respondents. The occupational profile of the respondents and their agricultural discipline or sector are shown in Fig. 1. The nearly 20% "Other" occupational category involved farmer and food processing business at small scale, self-employed, service/sales sectors, bankers, multi-national company workers, consultants and agriculture officers, as well as project management and developmental professionals, NGO workers and government officers. The "Other" agricultural discipline of nearly 30 % respondents involved agricultural economics, business and management, soil science, social science and humanity, horticulture, and food and animal science (incl. dairy and fishery).

A quarter of the respondents (24%) answered that the existing education or training programs in the agribusiness sector are not innovative (enough), and this response being much larger in Bangladesh (36%) than Cambodia (10%), while in both countries 10-11% answered "I don't know". Yet, in both countries, the vast majority (87-89%) of respondents recognized the need to revise the existing educational or training programs in the agribusiness sector, which clearly shows the need for some sort of intervention to improve the innovation presentation and uptake at HEI and agribusiness level in the two countries.

In both countries the questionnaire showed on average 3 subjects depicting the effects of climate change on agriculture already being taught in courses mostly at the HEIs. Nearly half of the courses (46%) were being updated annually through formal curricula updates (Fig. 2), which clearly points to more focus needed on the other avenues identified for updating more efficiently the curricula with new knowledge on climate change effects on agriculture, for instance, various ways of discussions with peers- journal clubs, innovation days and alike. This response also indicates the potential to test and validate a plethora of tools for knowledge update involving information and communication technology as the internet is available for nearly 80% of the population in both Cambodia and Bangladesh.

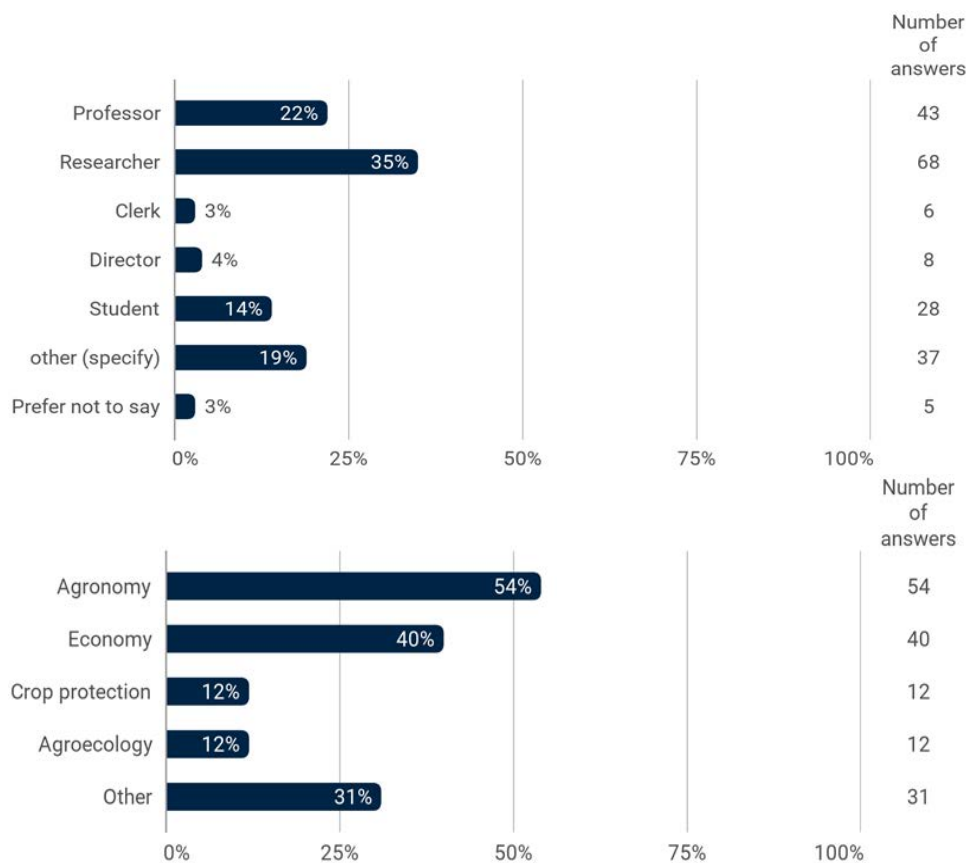


Fig. 1. Occupational profile of the respondents and focus within the agricultural sector.

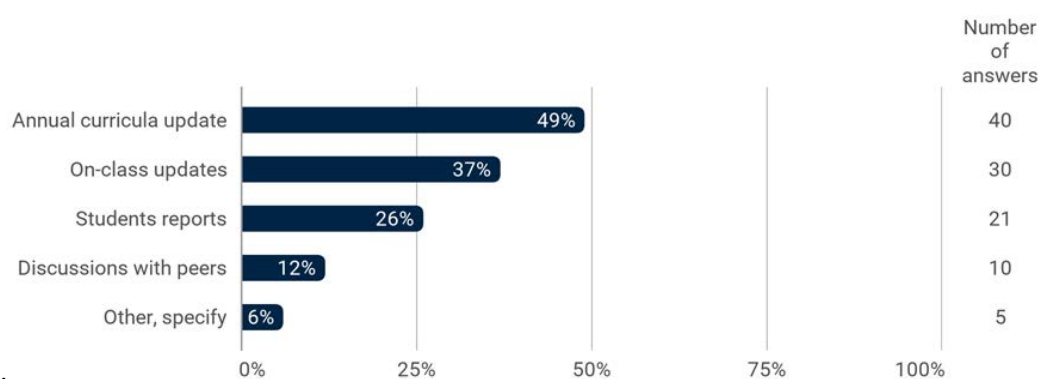


Fig. 2. Total response to question “How is new knowledge and materials incorporated into curricula?”



The high internet coverage statistics reflect the questionnaire response showing that basic digital technologies are well incorporated in the curricula of the Asian HEIs at multiple levels. We asked the respondents to try to identify challenges for providing innovative agriculture-related education or research programs, where “innovative” was defined as incorporating latest knowledge and benefiting directly the society through the most cost-effective design. Unsurprisingly, a lack of new knowledge on climate change effects and viable financial incentives were the two main obstacles to the innovation, although the insufficient quality of the educational programs in terms of courses and other programs were also involved as obstacles (Fig. 3). This outcome actually confirms the need for improved and valid augmentations of the educational programs of the Asian HEIs identified at the project preparation stage, with a focus on the local context with national relevance. However, an interesting result of the questionnaire was that the results differed considerably between Cambodia and Bangladesh (see question “What are the main challenges to provide innovative agri-education or research programs” in the questionnaire results per country in the Annex). While identification of climate adaptation best practices for agriculture systems in the two countries will further reveal differences between the two countries (D2.2), this finding is important to consider when developing the institutional strategy for stakeholder engagement and institutional change in the Asian HEIs. The strategy does not necessarily need to be different, but it needs to be able to respond to the different challenges specific to each country's HEIs.

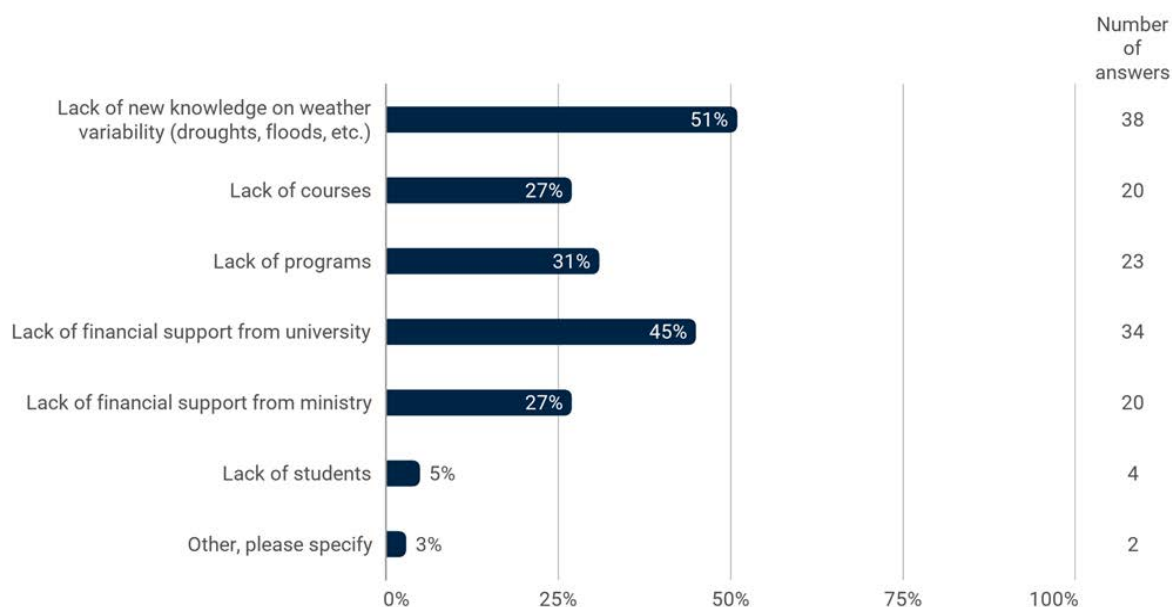


Fig. 3. Total response to question “How is new knowledge and materials incorporated into curricula?”



Other stakeholders also responded to the questionnaire and the results are shown in the Annex. The farmers associations were, for instance, one of the major agricultural stakeholders targeted with the investigation and they identified barriers related to knowledge transfer from the HEIs, as well as financial incentives (Fig. 4). The questionnaire is being closed now and the results are being decomposed per country and analyzed in detail. This is because the questionnaire shows some important differences between Cambodia and Bangladesh to be considered in relation to existing innovation networks, despite a similar general approach which can be taken to improve the innovation capacity or to design strategy for innovation or innovate institutional engagement and change, through, for instance, establishment of innovation hubs.

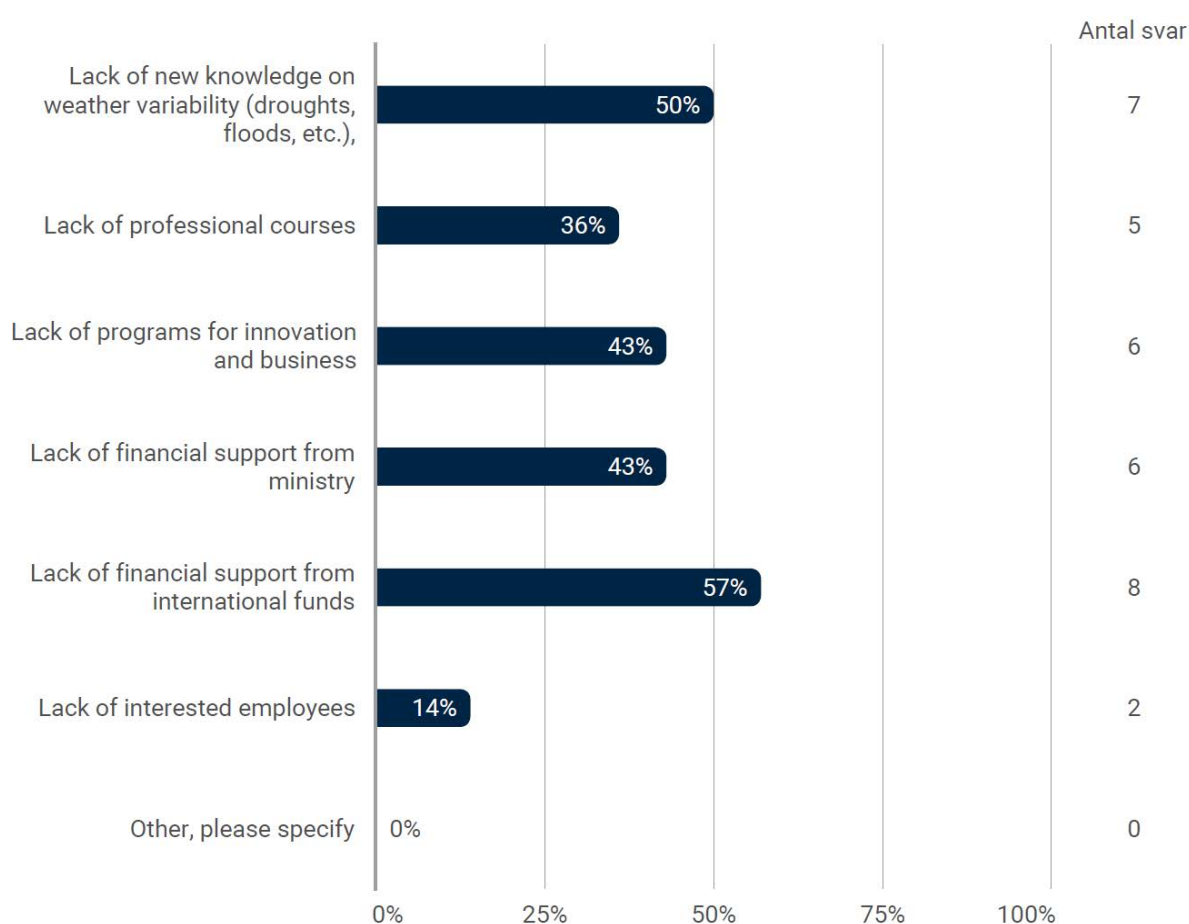


Fig. 4. Response of agricultural stakeholders - farmers associations on the question “What are the main challenges faced or foreseen in the agribusiness sector (max three choices)? ”



IV. Conclusion and next steps

The literature review and the questionnaire both largely confirmed the results of the needs analysis in agribusiness skills conducted in the preparatory (proposal) phase of the project, which however did not point on country specificity. This report reveals some important differences between Bangladesh and Cambodia HEIs and other stakeholders. Especially focus is needed on tools for the agribusiness to embrace climate change-weather variability and smart farming approaches taught in the academic programs, as well as socio-economic models with validity in the local context, whereas digitalization is of secondary rank. Together with D2.2, the results of this needs' validation study are envisaged to be compiled and to be published in an open-access scientific journal to reveal the innovation demand for the agricultural sector in Cambodia and Bangladesh for the design of the institutional strategy for stakeholder engagement and institutional change towards establishing innovation clusters; the publication will also be a significant contribution to the project.

Informed by the questionnaire data, dedicated focus groups will be conducted in the Asian countries with key members of the agribusiness ecosystem to assess the respective sector needs and, later, to map the skills supply and demand of the agribusiness sector. The focus groups will be conducted for achieving D2.2, which also targets direct alignment of skills demand in agribusiness amid weather variability and climate change.

Following the questionnaire and the focus groups, it is expected the stakeholders to attend other dissemination activities designed by the project, such as the info days and the final conference in a satisfactory manner. Noteworthy is that all partners have demonstrated excellent working relations with other project partners, as implied by the fast and effective response rate for the questionnaire. Also, the questionnaire is a first indication for a strong commitment on the part of partner HEI leaders in creating and supporting the achievement, dissemination and exploitation of the activities related to the innovation clusters.

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Annex

- Structured survey
- Total outcome of the survey
- Outcome from Bangladesh
- Outcome from Cambodia

Structured survey

Thank you for taking part of this survey.

The purpose of the survey is to screen the current status of agribusiness skills at university and industry level and with policy makers and NGOs. The survey is distributed to key members of the agribusiness ecosystem to assess their sector needs and, later, to map the skills supply and demand of the agribusiness sector.

The results will be presented in a report to validate the assumption of a need for capacity building at the Higher Education Institutions (HEI) for education and innovation in agribusiness under increased weather variability and extreme weather events affecting negatively the agri-food sector, but also potentially opening other opportunities . The results will be made available to everyone in April 2024.

Please finish the survey without closing your browser.

You can use the translate option in Google Chrome to translate directly the survey if needed.

প্রয়োজনে আপনি সরাসরি সমীক্ষাটি অনুবাদ করতে Google Chrome-এ অনুবাদ বিকল্প ব্যবহার করতে পারেন।

Thank you,
the ALIGNING Team

Where do you currently reside?

(1) ☐ Cambodia

(2) ☐ Bangladesh

Where in Cambodia are you living? (province name)

Where in Bangladesh are you living? (province name)

What is your age

What is your gender?

- (1) ☐ Male
- (2) ☐ Female
- (3) ☐ Other
- (4) ☐ Prefer not to say

What is your marital status?

- (1) ☐ Married
- (2) ☐ Single
- (3) ☐ Divorced
- (4) ☐ Other
- (5) ☐ Prefer not to say

What is your highest level of education?

- (1) ☐ HS
- (2) ☐ BSc
- (3) ☐ MSc
- (4) ☐ PhD
- (5) ☐ Training
- (6) ☐ Other _____
- (7) ☐ Prefer not to say

What is your occupation?

- (1) ☐ Professor
- (2) ☐ Researcher
- (3) ☐ Clerk
- (4) ☐ Director
- (5) ☐ Student
- (6) ☐ other (specify) _____
- (7) ☐ Prefer not to say

What is your annual income?

- (1) ☐ Less than 1000 \$
- (2) ☐ Between 1000 and 10.000 \$,
- (4) ☐ Between 10.000 \$ and 20.000 \$
- (3) ☐ More than 20.000 \$

What is your preferred language?

- (1) ☐ Khmer
- (2) ☐ Bengali
- (3) ☐ English

What is your religion or belief system?

- (1) ☐ Buddhism
- (2) ☐ Hinduism
- (3) ☐ Islam
- (4) ☐ Christianity
- (5) ☐ Other
- (6) ☐ Prefer not to say

Are the existing education or training programs in the agribusiness sector in your country innovative?

- (1) ☐ Yes
- (2) ☐ No
- (3) ☐ I don't know

Should the existing education or training programs in the agribusiness sector in your country be revised?

- (1) ☐ Yes
- (2) ☐ No
- (3) ☐ I don't know

Who do you represent or identify yourself with?

- (1) ☐ University
- (2) ☐ Farmers associations
- (3) ☐ Business/industry
- (4) ☐ Public administration/ Policy-makers
- (5) ☐ NGO

What is the name and location of your institution, and which year it was established? (name, location, year).

What type and size is your institution?

- (1) ☐ Public, specify size _____
- (2) ☐ Private, specify size _____
- (3) ☐ Research, specify size _____
- (4) ☐ Teaching, specify size _____

What is the main discipline of your agribusiness education or research program?

- (1) ☐ Agronomy
- (2) ☐ Economy
- (3) ☐ Crop protection
- (4) ☐ Agroecology
- (5) ☐ Other _____

What number of enrolled students has your agribusiness education or research program?

0 — ☐ — 100000

What is the level and duration of your agribusiness education or research programs?

- (1) ☐ Certificate
- (2) ☐ Diploma
- (3) ☐ Degree
- (4) ☐ Other _____

Are you a employee or employer in the business, company you own or work with?

- (1) ☐ Employee
- (2) ☐ Employer

What size is your company or business?

- (1) ☐ Less than 10 employees
- (2) ☐ Between 10 and 50 employees
- (3) ☐ More than 50 employees

What type is your company or business?

- (1) ☐ Cooperative
- (2) ☐ Family-owned
- (3) ☐ Other, please specify _____

What is the main product or service that your company or business offers or produces?

- (1) ☐ Input-related

- (2) ☐ Protection-related
- (3) ☐ Machinery-related
- (4) ☐ Finance-related
- (5) ☐ Insurance-related
- (6) ☐ Other, please specify _____

How many employees or partners do you have in your company or business?

What is the annual revenue or profit of your company or business?

- (1) ☐ Less than 10.000\$
- (2) ☐ Between 10.000 and 50.000 \$
- (3) ☐ More than 50.000 \$)

What is the level and scope of your organization or agency?

- (1) ☐ Local
- (2) ☐ Regional
- (3) ☐ National
- (4) ☐ International
- (5) ☐ Other _____

How many staff or members do you have in your organization or agency?

What is the main policy or regulation you implement or enforce in the agribusiness sector?

- (1) ☐ related to production of agricultural biomass
- (2) ☐ related to processing of agricultural biomass
- (3) ☐ related to distribution of agricultural productions
- (4) ☐ related to consumption of agricultural products
- (5) ☐ related to marketing in agriculture
- (6) ☐ related to international affairs in agriculture
- (7) ☐ Other, please specify _____

What is the annual budget or expenditure of your organization or agency?

- (1) ☐ Less than 10.000\$
- (2) ☐ Between 10.000 and 50.000 \$,
- (3) ☐ More than 50.000 \$

What is the type and status of your organization or company?

- (1) ☐ Non-profit
- (2) ☐ For-profit
- (3) ☐ Independent
- (4) ☐ Affiliated,
- (5) ☐ Other, please specify _____

What is the main service or advice that you provide or offer to the agribusiness sector?

- (1) ☐ Inputs-seeds

- (2) ☐ Fertilizers
- (3) ☐ Crop and animal protection
- (4) ☐ Crop systems-choice of crop and/or animal
- (5) ☐ Machinery-sourcing usage
- (6) ☐ Repair
- (7) ☐ Compensation advice-crop and/or animal damage due to weather
- (8) ☐ Contact to companies
- (9) ☐ Contact to banks/loans
- (10) ☐ Other, please specify _____

How many clients or beneficiaries do you have in the agribusiness sector?

What is the fee or cost of your service or advice (in \$) to the agribusiness sector?

- (1) ☐ Less than 1000\$ per service
- (2) ☐ Between 1000 and 5000 \$ per service
- (3) ☐ More than 5000 \$ per service

What is the level and scope of your organization?

- (1) ☐ Local
- (2) ☐ Regional
- (3) ☐ National
- (4) ☐ International
- (5) ☐ Other _____

How many staff or members do you have in your organization?

What is the main policy or method you implement to outreach to stakeholders of interest?

- (1) ☐ Phone calls
- (2) ☐ Emails
- (3) ☐ Physical interviewees
- (4) ☐ TV/radio/media advertisements
- (6) ☐ Internet
- (5) ☐ Other _____

What is the annual budget or expenditure of your organization or agency?

- (1) ☐ Less than 10.000\$
- (2) ☐ Between 10.000 and 50.000 \$,
- (3) ☐ More than 50.000 \$

How many subjects on climate change effects on agriculture are taught in courses?

How is new knowledge and materials incorporated into curricula?

- (1) ☐ Annual curricula update
- (2) ☐ On-class updates
- (3) ☐ Students reports
- (5) ☐ Discussions with peers
- (4) ☐ Other, specify _____

What are the main objectives or outcomes of your agribusiness education or research programs?

- (1) ☐ Knowledge on agri-business
- (2) ☐ Knowledge on basic agronomy
- (3) ☐ Knowledge on environmental protection
- (4) ☐ Knowledge on weather effects on agri-value chains
- (5) ☐ Other, specify _____

How do you deliver your agribusiness education or training program or course?

- (1) ☐ Class teaching
- (2) ☐ Students exercise
- (3) ☐ Group reports
- (7) ☐ Peer discussions (formal, informal)
- (4) ☐ Exams
- (5) ☐ Journal clubs
- (6) ☐ Other, specify _____

How do you integrate digital technologies or tools in your agri-education, course or research programs?

- (1) ☐ PC available for each student/teacher
- (2) ☐ Mobile phones
- (3) ☐ University-designed programs
- (4) ☐ All
- (5) ☐ None
- (6) ☐ Other, specify _____

How do you ensure or monitor the quality or relevance of your agri-education or research programs?

- (1) ☐ Formal exams
- (2) ☐ Feedback surveys
- (3) ☐ Mean grades
- (4) ☐ Students enrolled to next-level education
- (5) ☐ Other, please specify _____

How do you evaluate or measure the effectiveness or impact of your agri-education or training program or course?

- (1) ☐ Number of enrolled students
- (2) ☐ Number of graduated students
- (3) ☐ Number of employees in agribusiness sector
- (5) ☐ Internal or external evaluations
- (4) ☐ Other, please specify _____

How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as employers, workers, policy makers, or consumers?

- (1) ☐ Guest lectures
- (2) ☐ Theoretical examples on classes
- (3) ☐ Newspapers/newsletters/ TV or radio
- (5) ☐ Conference events
- (4) ☐ Other, please specify _____

What are the main challenges to provide innovative agri-education or research programs?

(In this survey, innovative is defined as incorporating latest knowledge and benefiting directly the society through the most cost-effective design)

- (1) ☐ Lack of new knowledge on weather variability (droughts, floods, etc.)
- (2) ☐ Lack of courses
- (3) ☐ Lack of programs
- (4) ☐ Lack of financial support from university
- (5) ☐ Lack of financial support from ministry
- (6) ☐ Lack of students
- (7) ☐ Other, please specify _____

What are the main skills or competencies aiming to develop or enhance in your agribusiness students, trainees or researchers?

- (1) ☐ statistics
- (2) ☐ computer science
- (3) ☐ business economics
- (4) ☐ climate change impacts
- (5) ☐ crop damage assessment
- (6) ☐ weather prediction
- (7) ☐ certification requirements
- (8) ☐ mentoring and communication
- (9) ☐ industry knowledge
- (10) ☐ networking and communication
- (11) ☐ Other, please specify _____

What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics?

- (1) ☐ internet websites
- (2) ☐ scientific papers
- (3) ☐ books
- (4) ☐ popular articles
- (5) ☐ news
- (6) ☐ lectures
- (7) ☐ conferences
- (8) ☐ Other, please specify _____

How many years have you been working in the agribusiness sector?

What are the main tasks or responsibilities that you perform in your current job?

- (1) ☐ Task execution (day-to-day work tasks, field visits, quality controls)
- (2) ☐ Funding acquisition
- (3) ☐ Communication and outreach
- (4) ☐ Lead a team (coordination within university, private company, NGO, government body)

How often do you use or interact with digital technologies or tools in your work?

- (1) ☐ daily
- (2) ☐ weekly
- (3) ☐ monthly
- (4) ☐ seldom

(5) ☐ never

How confident are you in your ability to use or learn new digital technologies or tools in your work?

(1) ☐ very much

(2) ☐ i can learn

(3) ☐ i need training

(4) ☐ not interested

What are the main challenges that you experience or anticipate from using digital technologies or tools in your work?

(1) ☐ improved business

(2) ☐ higher profit

(3) ☐ better environment protection

(4) ☐ higher efficiency

(5) ☐ all

(6) ☐ none

(7) ☐ other, please specify _____

What skills or knowledge do you have or need to improve your performance and productivity in your work?

(1) ☐ Courses on data analytics (how to obtain and process data to results and conclusions)

(2) ☐ Knowledge on human resources management

(3) ☐ Knowledge on weather effects on agricultural production value chains

(4) ☐ Knowledge on funding acquisition

(5) ☐ I want to know what the other peers in the sector do

(6) ☐ More work hours

- (7) ☐ Less work hours
- (8) ☐ Better health
- (9) ☐ Other, please specify _____

How do you access or prefer to access information or training on agribusiness skills or topics?

- (1) ☐ website
- (2) ☐ formal education
- (3) ☐ open forum
- (4) ☐ advisory services
- (5) ☐ Other, please specify

How satisfied are you with the quality and relevance of the information or training that you have received or accessed on agribusiness skills or topics?

- (1) ☐ good
- (2) ☐ so-so
- (3) ☐ poor

What are the barriers that affect your participation or engagement in information or training on agribusiness skills or topics?

- (1) ☐ Lack of time
- (2) ☐ Lack of information
- (3) ☐ Lack of resources
- (4) ☐ No network of like-minded companies
- (5) ☐ Legal/regulation barriers
- (6) ☐ Other, please specify _____

What are the main goals or objectives of your agribusiness organization or enterprise?

- (1) ☐ Make profit
- (2) ☐ Tax usage/return to state budget
- (3) ☐ Ensure health care coverage
- (4) ☐ Customer/ service focus
- (5) ☐ Environment protection-focus
- (6) ☐ Other, please specify _____

How has the agribusiness sector changed or evolved in the past few years, especially in terms of digital transformation or innovation?

- (1) ☐ It lacks behind all innovations and developments
- (2) ☐ It tries to consider latest digital tools and innovations
- (3) ☐ It is too bureaucratic and slow
- (4) ☐ It is too profit-oriented with low quality
- (5) ☐ Other, please specify _____

What are the main opportunities that you see or expect from the changing agribusiness sector?

- (1) ☐ New business opportunities (e.g. new crops or animals, new markets)
- (2) ☐ New technologies to ease my work
- (3) ☐ New networks and stakeholder associations to support each other
- (4) ☐ New digital job opportunities for young people
- (5) ☐ More employment in the public sector
- (6) ☐ More employment in the private sector
- (7) ☐ Other, please specify _____

How do you assess or monitor the skills or competencies of your current or potential employee?

- (1) ☐ Profit earnings
- (2) ☐ Increasing employments
- (3) ☐ Time for service delivery
- (4) ☐ Customer satisfaction form
- (5) ☐ No assessment/monitoring
- (6) ☐ Other, please specify _____

What are the main skills or competencies that you look for or require from your current or potential employees?

- (1) ☐ Analytical skills (data processing and management)
- (2) ☐ Agronomy/ agriculture
- (3) ☐ Computer skills
- (4) ☐ Business economics
- (5) ☐ Climate change/weather impacts
- (6) ☐ Industry knowledge
- (7) ☐ Networking
- (8) ☐ Other, please specify _____

How do you support or facilitate the development or improvement of skills or competencies of your current or potential employees?

- (1) ☐ We cover periodical professional trainings for employees
- (2) ☐ We allocate time (but not funds) for their internships and exchanges in other companies
- (3) ☐ We remind employees/ colleagues to follow on internet developments in the sector
- (4) ☐ We do not provide additional training apart of ongoing work at the company

What are the main challenges or difficulties that you face or anticipate in finding, hiring, or retaining skilled or competent employees?

- (1) ☐ Lack of professional skills
- (2) ☐ Too expensive labor
- (3) ☐ Legal/regulation barriers
- (4) ☐ Lack of training and education opportunities
- (5) ☐ Other, please specify _____

What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics?

- (1) ☐ Internet websites
- (2) ☐ Newspapers, books, popular articles
- (3) ☐ Lectures and conferences by universities
- (4) ☐ Periodical meetings with other peers in the sector
- (5) ☐ Other, please specify _____

How do you collaborate or network with other agribusiness organizations or stakeholders in the sector?

- (1) ☐ Internet websites
- (2) ☐ Newspapers, books, popular articles
- (3) ☐ Conferences or similar type of events
- (4) ☐ Periodical informal meetings with other companies in the sector
- (5) ☐ Other, please specify _____

What are the main policies or regulations that you implement or enforce in the agribusiness sector?

- (1) ☐ agro-economics

- (2) ☐ marketing
- (3) ☐ quality assurance
- (4) ☐ export of agricultural products
- (5) ☐ environmental protection
- (6) ☐ education in the agricultural sector
- (7) ☐ other, please specify _____

How do you use or promote digital technologies or tools in the agribusiness sector?

- (1) ☐ daily use of computer
- (2) ☐ courses on digital tools
- (3) ☐ self-learning
- (4) ☐ other, please specify _____

How do you address or balance the needs or interests of different stakeholders in the agribusiness sector, such as producers, consumers, investors, or environmentalists?

- (1) ☐ Formal meetings with the companies
- (2) ☐ Feedback surveys
- (3) ☐ Company profit statistics
- (4) ☐ We do not address the needs of the sector stakeholders directly
- (5) ☐ Other, please specify _____

How do you monitor or evaluate the impact or effectiveness of your policies or regulations in the agribusiness sector?

- (1) ☐ annual reports from Ministry of Economy
- (2) ☐ number of new businesses registered

- (4) ☐ number of closed businesses or formal complaints
- (3) ☐ other, please specify _____

What are the main skills or competencies that you have or need to perform your role or function in the agribusiness sector?

- (1) ☐ knowledge on national agriculture policy
- (2) ☐ knowledge on international agricultural policy
- (3) ☐ environmental policy
- (4) ☐ resource use policy
- (5) ☐ knowledge on digitalization of the agricultural sector (automation, robotics, connectivity and alike)
- (6) ☐ Other, please specify _____

How do you access or prefer to access information or training on agribusiness skills or topics?

- (1) ☐ Internet news at stakeholder website
- (2) ☐ Regular physical meetings with stakeholders
- (3) ☐ Multi-stakeholder conferences
- (4) ☐ "Innovation days" events in the ministry
- (5) ☐ Other, please specify _____

How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as industry associations, civil society organizations, or international agencies?

- (1) ☐ Periodical formal meetings
- (2) ☐ Feedback surveys

- (3) ☐ Performance statistics
- (4) ☐ We do not collaborate or communicate with sector stakeholders directly
- (5) ☐ Other, please specify _____

What are the main challenges that you face or anticipate in implementing or improving your policies or regulations in the agribusiness sector?

- (1) ☐ Lack of time for update or innovation
- (2) ☐ Lack of relevant information
- (3) ☐ Lack of resources
- (4) ☐ No network of like-minded companies
- (5) ☐ Legal/regulation barriers
- (6) ☐ Other, please specify _____

What are the main services or advice that you provide or offer to the agribusiness sector?

- (1) ☐ Communication with local/national government offices
- (2) ☐ Regulation implementation
- (3) ☐ Consultancy services
- (4) ☐ Quality monitoring
- (5) ☐ International communication
- (6) ☐ Other, please specify _____

How do you use or recommend digital technologies or tools in the agribusiness sector?

- (1) ☐ daily use of computer

- (2) ☐ courses on digital tools
- (3) ☐ self-learning
- (4) ☐ other, please specify _____

How do you assess or understand the needs or problems of your clients or beneficiaries in the agribusiness sector?

- (1) ☐ Formal meetings
- (2) ☐ Feedback surveys
- (3) ☐ Statistics for client/beneficiary
- (4) ☐ We do not address the needs directly
- (5) ☐ Other, please specify _____

How do you deliver or disseminate your services or advice to your clients or beneficiaries in the agribusiness sector?

- (1) ☐ Policy briefs
- (2) ☐ Direct visits on site
- (3) ☐ Feedback surveys
- (4) ☐ Conference-type events
- (5) ☐ Other, please specify _____

How do you measure or demonstrate the value or impact of your services or advice in the agribusiness sector?

- (1) ☐ Number of contacted or visited stakeholders
- (2) ☐ Number of new companies or closed companies in the sector
- (3) ☐ Number complaints or other inquiries
- (4) ☐ Internal or external evaluations

(5) ☐ Other, please specify _____

What are the main skills or competencies that you have or need to provide or improve your services or advice in the agribusiness sector?

(1) ☐ agro-economics

(2) ☐ marketing

(3) ☐ quality assurance

(4) ☐ statistics and data science

(5) ☐ climate change/weather variability

(7) ☐ other, please specify _____

How do you access or prefer to access information or training on agribusiness skills or topics?

(1) ☐ Internet websites

(2) ☐ Newspapers, books, popular articles

(3) ☐ Conferences or similar type of events

(4) ☐ Periodical informal meetings with other companies in the sector

(5) ☐ Other, please specify _____

How do you collaborate or network with other stakeholders in the agribusiness sector, such as researchers, educators, or policy makers?

(1) ☐ Internet news at stakeholder website

(2) ☐ Regular physical meetings with stakeholders

(3) ☐ Multi-stakeholder conferences

(4) ☐ "Innovation days" events in the ministry

(5) ☐ Other, please specify _____

What are the main goals or missions of your NGO in the agribusiness sector?

- (1) ☐ Directly help certain categories of people with direct contact
- (2) ☐ Directly support environmental protection through site actions
- (3) ☐ Mediate between government and people for issues
- (4) ☐ Promote social or political change on a broad scale
- (5) ☐ Promote social or political change very locally
- (6) ☐ Foster international cooperation
- (7) ☐ Other, please specify _____

How do you implement or support digital technologies or tools in your agribusiness projects or activities?

- (1) ☐ daily use of computer
- (2) ☐ courses on digital tools
- (3) ☐ self-learning
- (4) ☐ other, please specify _____

How do you evaluate or demonstrate the impact or effectiveness of your agribusiness projects or activities?

- (1) ☐ Number of contacts with people/stakeholders
- (2) ☐ Number of your NGO name mentioned on news, media, internet, etc.
- (3) ☐ Number of complaints to you (stakeholders asking help)
- (4) ☐ Internal or external evaluations
- (5) ☐ Other, please specify _____

How do you collaborate or coordinate with other stakeholders in the agribusiness sector, such as farmers, businesses, policy makers, or consumers?

- (1) ☐ Internal meetings and discussions
- (2) ☐ Direct contacts with stakeholders
- (3) ☐ Newspapers, TV, radio events
- (4) ☐ Conference events
- (5) ☐ Other, please specify _____

What are the main challenges that you face or foresee in advancing or improving your agribusiness projects or activities?

- (1) ☐ Lack of time for update or innovation
- (2) ☐ Lack of relevant information
- (3) ☐ Lack of resources
- (4) ☐ No network of like-minded companies
- (5) ☐ Legal/regulation barriers
- (6) ☐ Other, please specify _____

What are the main skills or competencies that you have or need to enhance your performance and productivity in your agribusiness projects or activities?

- (1) ☐ agro-economics
- (2) ☐ marketing
- (3) ☐ quality assurance
- (4) ☐ statistics and data science
- (5) ☐ climate change/weather variability

(7) ☐ other, please specify _____

How do you access or prefer to access information or training on agribusiness skills or topics?

(1) ☐ annual physical meeting, incl. conferences

(2) ☐ annual online meeting

(3) ☐ survey analysis

(4) ☐ focus groups between partners

(5) ☐ Reports from external stakeholders

(6) ☐ other, please specify _____

How satisfied are you with the quality and relevance of the information or training that you have received or accessed on agribusiness skills or topics?

(1) ☐ Not at all Satisfied

(2) ☐ Partly Satisfied

(3) ☐ Satisfied

(4) ☐ More than Satisfied

(5) ☐ Very Satisfied

What are the barriers that affect your participation or engagement in information or training on agribusiness skills or topics?

(1) ☐ Lack of time

(2) ☐ Lack of information

(3) ☐ Lack of resources

(4) ☐ No network of like-minded NGOs

- (5) ☐ Legal/regulation barriers
- (6) ☐ Other, please specify _____

How satisfied are you with the current state of the agribusiness sector in your country?

- (1) ☐ Not at all Satisfied
- (2) ☐ Partly Satisfied
- (3) ☐ Satisfied
- (4) ☐ More than Satisfied
- (5) ☐ Very Satisfied

What are the main challenges that you face or foresee in the agribusiness sector?

- (1) ☐ Lack of new knowledge on weather variability (droughts, floods, etc.),
- (2) ☐ Lack of professional courses
- (3) ☐ Lack of programs for innovation and business
- (4) ☐ Lack of financial support from ministry
- (5) ☐ Lack of financial support from international funds
- (6) ☐ Lack of interested employees
- (7) ☐ Other, please specify _____

How do you rate your own skills or competencies in agribusiness management, climate-smart agriculture, or other relevant areas?

- (1) ☐ Excellent
- (2) ☐ Above Average
- (3) ☐ Average

(4) ☐ Below Average

(5) ☐ Very Poor

What are the most important skills or competencies that you would like to improve or acquire in the agribusiness sector?

(1) ☐ agro-economics

(2) ☐ marketing

(3) ☐ communication and social profiles

(4) ☐ statistics and data science

(5) ☐ climate change/weather variability

(7) ☐ other, please specify _____

How do you prefer to learn or update your skills or knowledge in the agribusiness sector?

(1) ☐ annual physical or online courses

(2) ☐ survey analysis results

(3) ☐ focus groups between partners

(5) ☐ Reports from external stakeholders

(4) ☐ other, please specify _____

How do you assess the quality and relevance of the existing education or training programs in the agribusiness sector?

(1) ☐ Very good

(2) ☐ Good

(3) ☐ Fair

(4) ☐ Poor

(5) ☐ Very poor

What are your expectations or suggestions for the ALIGNING project and its outputs?

- (1) ☐ To increase innovation capacity of university and agribusiness staff
- (2) ☐ To initiate new education programs and courses
- (3) ☐ To increase knowledge on weather variability of agricultural production
- (4) ☐ To directly transfer innovation models from Denmark to Cambodia and Bangladesh
- (5) ☐ To enhance professional networking
- (6) ☐ To increase market outreach
- (7) ☐ Other, please specify _____

In the next section a few questions related to climate change will be presented

What are the main challenges or risks that you face or anticipate due to climate change?

- (1) ☐ Low profit and less economy for me and my organization
- (2) ☐ Poorer health system
- (3) ☐ More agricultural resources needed (e.g., more water, more pesticides)
- (4) ☐ More migration to other regions or countries
- (5) ☐ More external influences of different stakeholders
- (6) ☐ Lack of understanding on new subsidy schemes and taxations (E.g. carbon credits from agriculture)
- (7) ☐ Other, please specify _____

What are the main opportunities or benefits that you see or expect from climate change?

- (1) ☐ New business opportunities (e.g. new crops, new markets)
- (2) ☐ New technologies to ease agricultural value chains
- (3) ☐ New networks and stakeholder associations to support each other
- (4) ☐ New digital opportunities for young people
- (5) ☐ More employment in the public sector
- (6) ☐ More employment in the private sector
- (7) ☐ Other, please specify _____

How confident are you in your ability to adapt to climate change?

- (1) ☐ Very much, I am experience, flexible and react fast
- (2) ☐ Medium, I need some support of various kind
- (3) ☐ Not very confident, climate change can easily negatively affect my organization
- (4) ☐ I don't know

What skills or knowledge do you need to improve your resilience and productivity in the face of climate change?

- (1) ☐ agro-economics analyses
- (2) ☐ marketing, networking, communication
- (3) ☐ statistics and data science
- (4) ☐ climate change/weather variability
- (5) ☐ other, please specify _____

What are the sources or channels that you use or prefer to access information or training on climate change and agriculture?

- (1) ☐ Internet websites
- (2) ☐ Newspapers, books, popular articles
- (3) ☐ Conferences or similar type of events
- (4) ☐ Periodical informal meetings with other companies in the sector
- (5) ☐ Other, please specify _____

How satisfied are you with the quality and relevance of the information or training that you have received or accessed on climate change weather variability and agriculture?

- (1) ☐ Not at all Satisfied
- (2) ☐ Partly Satisfied
- (3) ☐ Satisfied
- (4) ☐ More than Satisfied
- (5) ☐ Very Satisfied

What are the barriers that affect your adoption or implementation of climate-smart agricultural practices or technologies?

- (1) ☐ Lack of new knowledge on weather variability (droughts, floods, etc.)
- (2) ☐ Lack of professional courses
- (3) ☐ Lack of financial support from university or ministry or company
- (4) ☐ Lack of students or employees
- (5) ☐ Other, please specify _____

In the next section a few questions related to developing innovation clusters will be presented

What attributes are critical to establish an innovation cluster for universities?

| | Extremely critical | Very critical | Moderately critical | Slightly critical | Not at all critical |
|--|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Human capital (Availability of talent: demographics, education, social infrastructure, social aspects of talent: creativity, risk appetite, balance of cooperation; Attitude towards wealth accumulation) | (1) <input type="radio"/> | (3) <input type="radio"/> | (4) <input type="radio"/> | (5) <input type="radio"/> | (6) <input type="radio"/> |
| - Local demand (size and type of local demand: strategic location, customer sophistication) | (1) <input type="radio"/> | (3) <input type="radio"/> | (4) <input type="radio"/> | (5) <input type="radio"/> | (6) <input type="radio"/> |
| - Business and environment (efficiency and effectiveness of business processes and networks: business laws and regulations, IP Laws, | (1) <input type="radio"/> | (3) <input type="radio"/> | (4) <input type="radio"/> | (5) <input type="radio"/> | (6) <input type="radio"/> |

cluster (like-minded entities) promotion, business support services, economic and political stability)

- Infrastructure (Availability and quality of transportation, communication and utility infrastructure: public and private spend on infrastructure, infrastructure related laws and regulation)

(1) ☐ (3) ☐ (4) ☐ (5) ☐ (6) ☐

- Financial capital (Availability of public and private funding: subsidies, venture capital, equity market, credit/loans)

(1) ☐ (3) ☐ (4) ☐ (5) ☐ (6) ☐

How to align or match agri-education or training program or course with needs or demands of the agribusiness sector or employers?

- (1) ☐ annual input/report from chamber of commerce
- (2) ☐ annual meetings with industry partners
- (3) ☐ annual meetings with Ministry of Economy and Ministry of Education
- (5) ☐ annual meetings with other universities

(4) ☐ other, please specify _____

Which is the best way to gather feedback or suggestions from partners?

(1) ☐ annual physical meeting, incl. conferences

(2) ☐ annual online meeting

(3) ☐ survey analysis

(4) ☐ focus groups between partners

(5) ☐ annual conference

(6) ☐ other, please specify _____

How do you collaborate or network with other agribusiness educators or trainers in the sector?

(1) ☐ annual physical meeting

(2) ☐ annual online meeting

(3) ☐ focus groups between partners

(4) ☐ annual conference

(5) ☐ periodical visits

(6) ☐ other, please specify _____

Thank You for completing our survey!

Thank you for taking the time to participate in our survey. Your feedback is invaluable to us!

What's Next?

We're busy analyzing the data you provided. Stay tuned for the aggregated results—we'll share them soon through project website and our Facebook profile (<https://www.facebook.com/ALIGNING.project>).

Your input directly impacts our decisions, so thank you once again.

Contact Us:

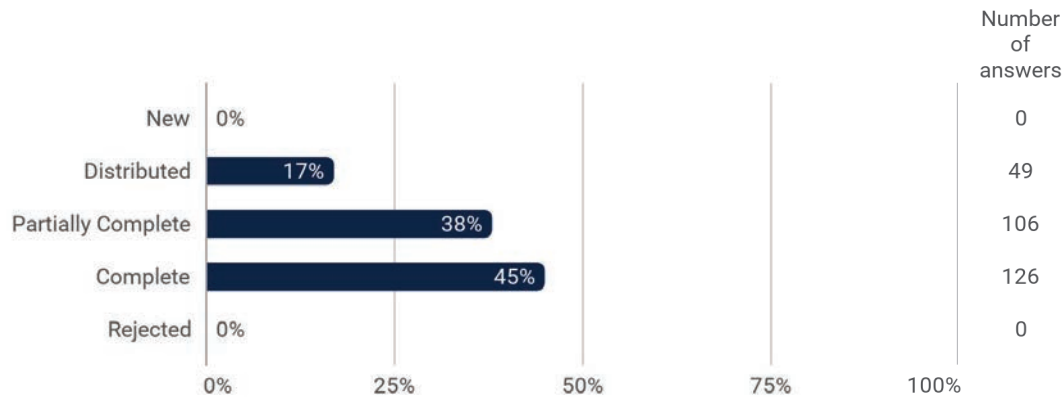
Have additional thoughts or questions? Reach out and get in contact:

- Email: Kiril Manevski; kiril.manevski@agro.au.dk and Morten Graversgaard:
morten.graversgaard@agro.au.dk

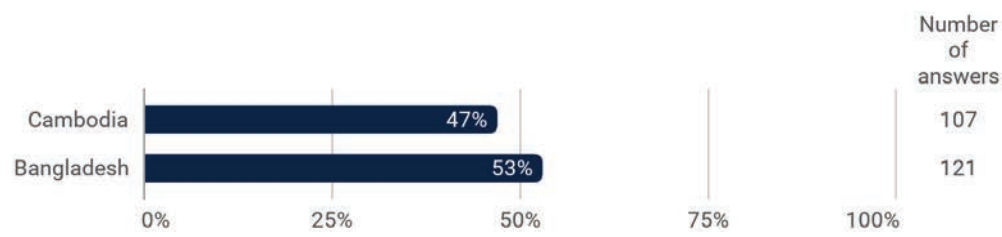
Remember, your responses are anonymous, and we appreciate your candid feedback.
Have a fantastic day!

Total outcome of the survey

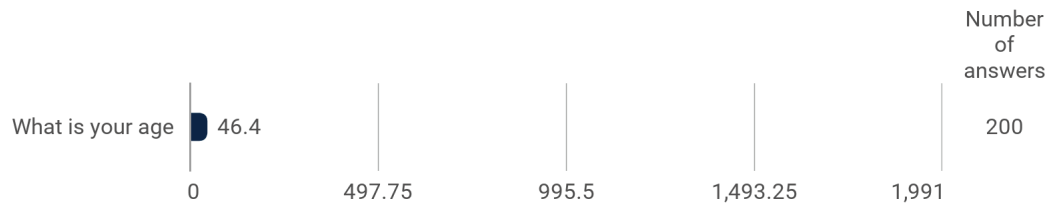
Overall Status



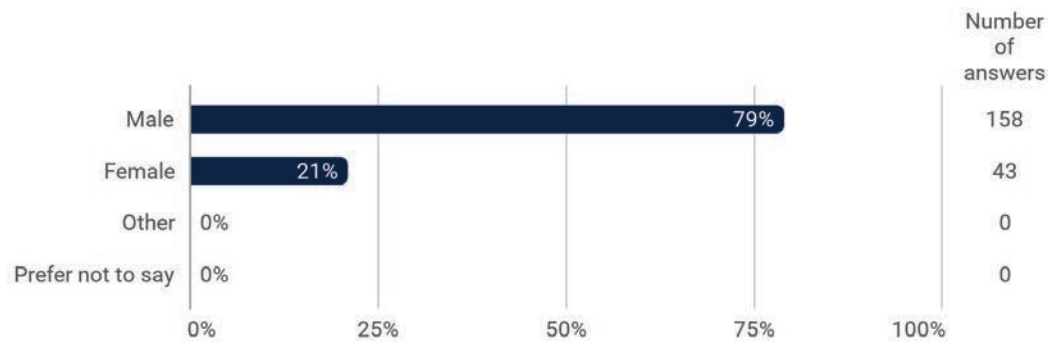
Where do you currently reside?



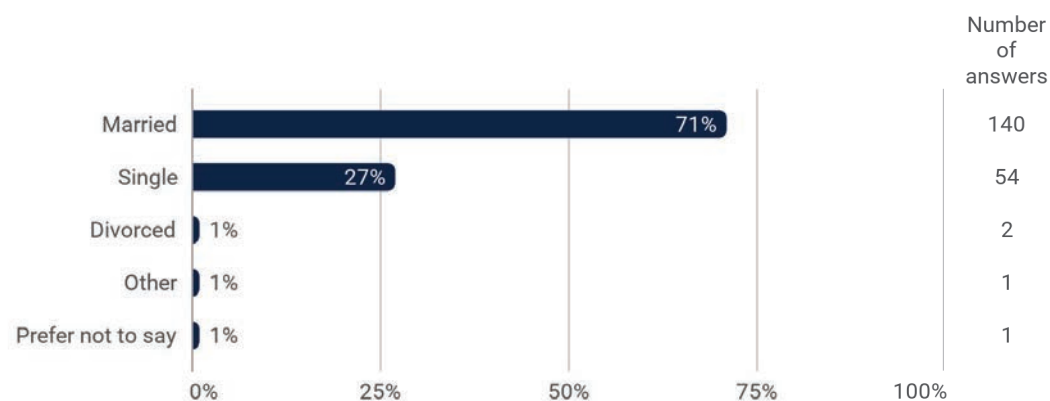
What is your age



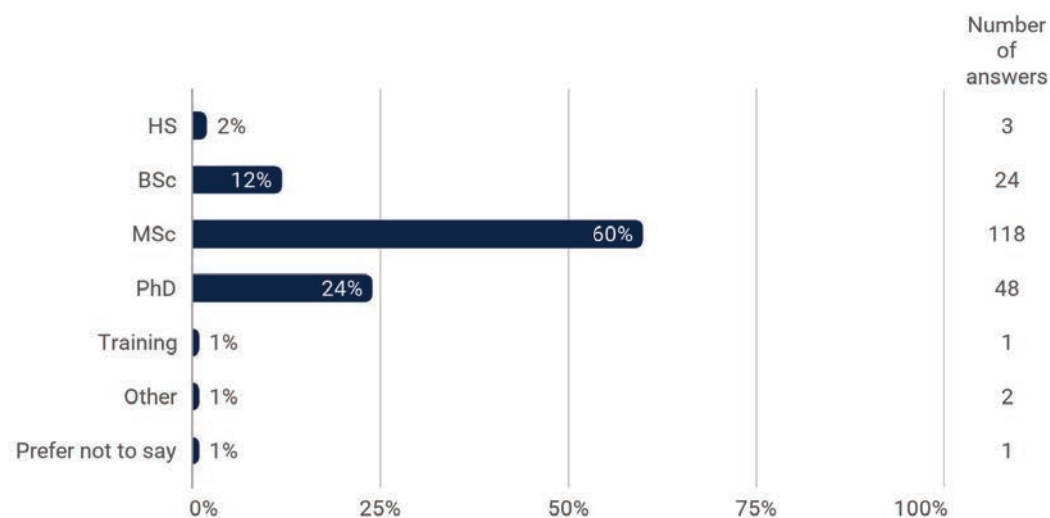
What is your gender?



What is your marital status?

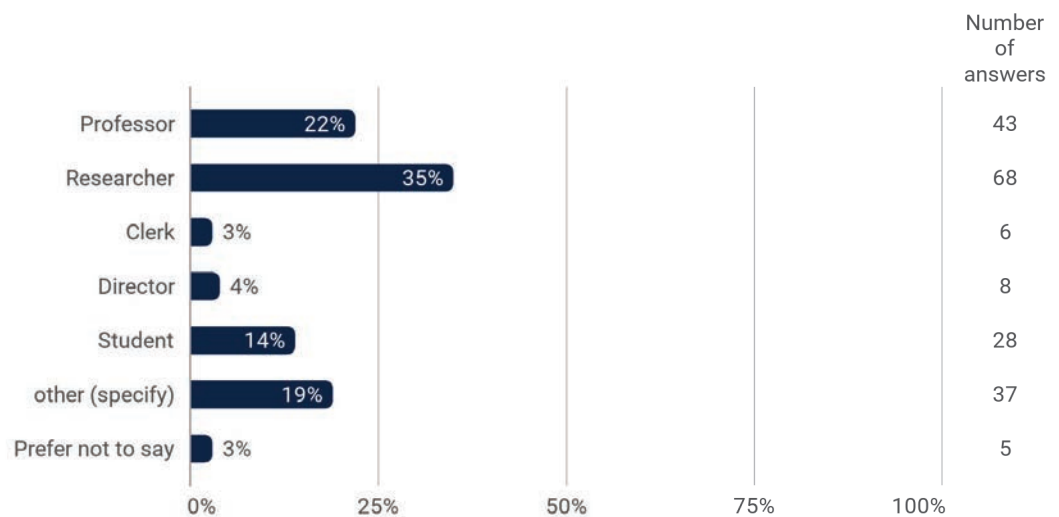


What is your highest level of education?



| What is your highest level of education? - Other | |
|--|--|
| BA | |
| BA | |
| B.A | |

What is your occupation?



| What is your occupation? - other (specify) |
|--|
| staff |
| staff |
| farmer and food Processing small scale |
| farmer and food Processing small scale |
| consultant |
| asd |
| Upazila Agriculture Officer |
| Teaching and research |
| Teacher |
| Teacher |
| Staff |
| Service holder |
| Service |
| Service |
| Self-employed |

What is your occupation? - other (specify)

Sales professional

Sales man

Sales Professional

Project Management

NGO worker

NGO worker

N

MNC company job

Lectures

Lecturer

Job

Govt. Officer

Govt. Cadre officer

Government officials

Development professional

Development practitioner.

Development job

Dean of agriculture

Civil Servant

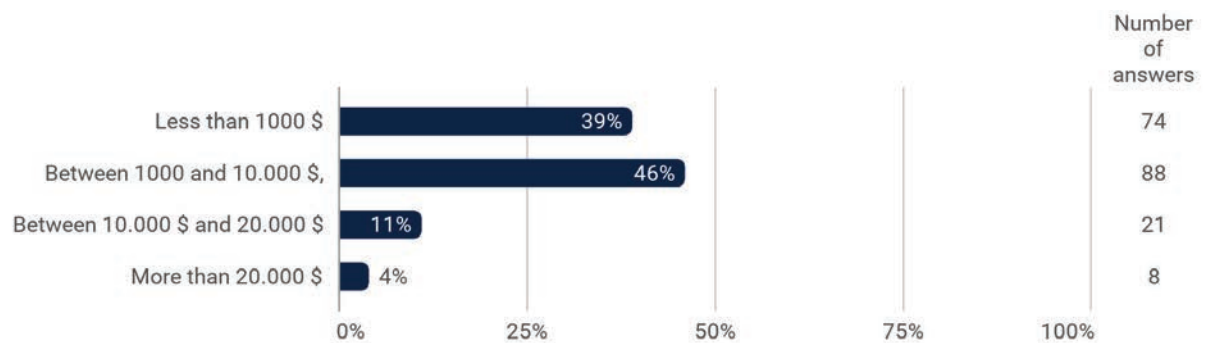
Banker

Banker

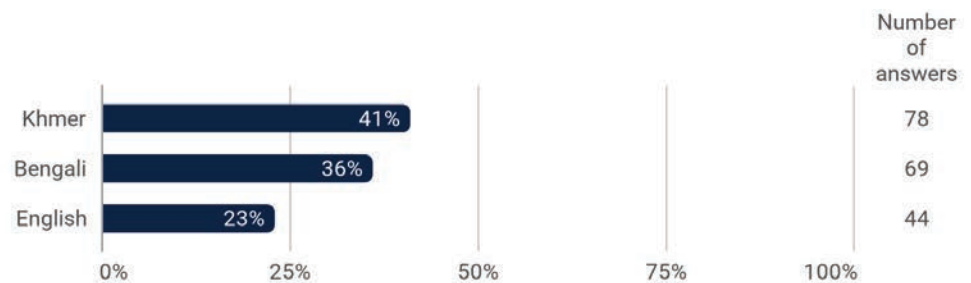
Assistant professor

| What is your occupation? - other (specify) |
|--|
| Assistant Professor |
| Assistant Professor |
| Assi Director |
| Additional Agricultural Officer |

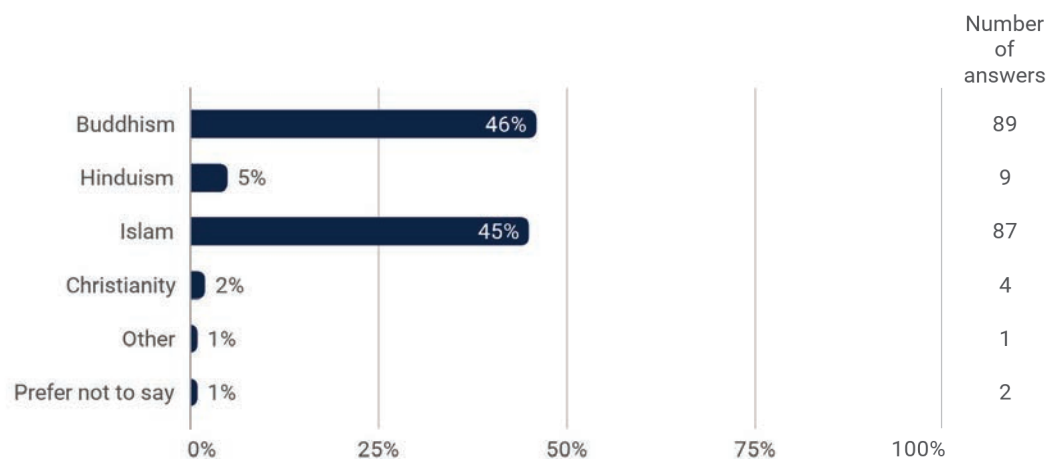
What is your annual income?



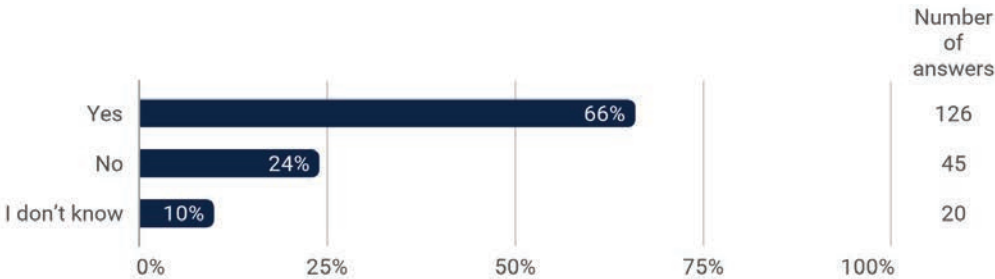
What is your preferred language?



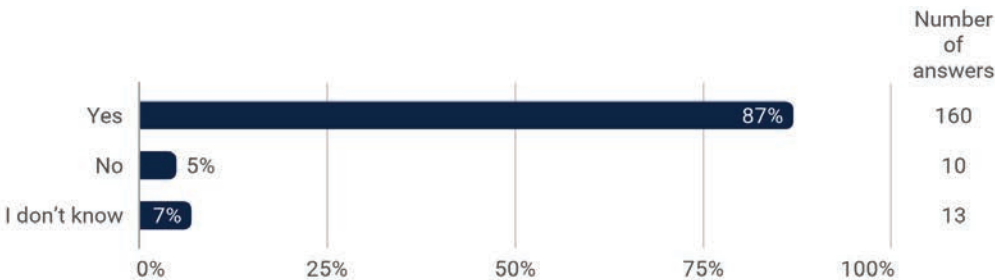
What is your religion or belief system?



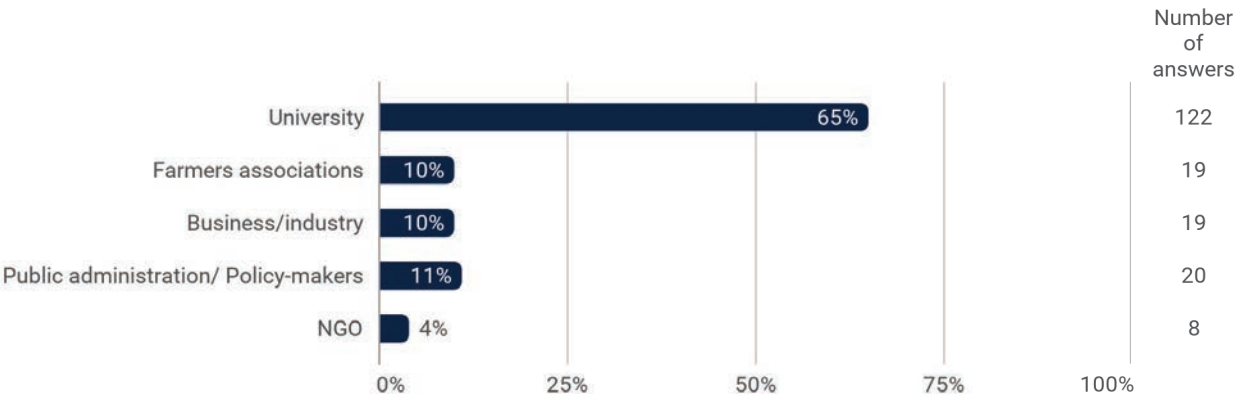
Are the existing education or training programs in the agribusiness sector in your country innovative?



Should the existing education or training programs in the agribusiness sector in your country be revised?



Who do you represent or identify yourself with?



What is the name and location of your institution, and which year it was established? (name, location, year).

prefer not to mention

What is the name and location of your institution, and which year it was established? (name, location, year).

my name is VIN BUNRITH
my institution name's Heang sormrinTbung khmum university stay in Nikkhum lur village srolorb Commune and Thbong khmum Provine .
this university has stade in 2014

University of heng samrin tbong khmom tbong thmom 2016

University of Heng Samrinng Thbongkhmum at tbongkhmum province in 2017

University of Heng Samrin Thoungkhmum, Thbong khmum province, 2016

University of Heng Samrin Thbongkhmum. Located in Tbong Khmum provicial area. It was established in 2016.

University of Heng Samrin Thbongkhmum, Thbounghkmum Province, 2016

University of Heng Samrin Thbongkhmum, Thbongkhmum province, Cambodia. It was established in 2016.

University of Heng Samrin Thbongkhmum, Thbongkhmum Provine, 2016

University of Heng Samrin Thbongkhmum, Thbongkhmum Province, 2016

University of Heng Samrin Thbongkhmum, Thbong khmum Provise . 8 years

University of Heng Samrin Thbongkhmum, Tbongkhmum Province, in 2016, Cambodia

University of Heng Samrin Thbongkhmum, Tbongkhmum Province, 2016

University of Heng Samrin Thbongkhmum, 2016

University of Heng Samrin Thbongkhmum at NIKom Leu Village, Sralab Commune, Tbong Khmum Distric, Tbong Khmum, on 2014

University of Heng Samrin Thbong Khmum, Thbong Khmum province, 2016

University of Heng Samrin Thbkngkhum.
Thbongkhum province.
Maybe 2016

UNIVERSITY OF HENG SAMRIN THBONGKHMUM THBONGKHMUM PROVIDE

ThmongKhmom University, Thmongkhmom province, 2016

Sylhet Agricultural University, Sylhet, Bangladesh, 2006

What is the name and location of your institution, and which year it was established? (name, location, year).

Sylhet Agricultural University, Sylhet, Bangladesh, 2006

Sylhet Agricultural University
Sylhet, Bangladesh
2006

Sylhet Agricultural University
Sylhet
2006

Sylhet Agricultural University
Sylhet
2006

Sylhet Agricultural University

Svay Rieng University, Svay Rieng, 2005

Svay Rieng University, Svay Rieng province, Cambodia was established in 2005.

Svay Rieng University
Svay Rieng Province
2005

Svay Rieng University
Svay Rieng Province
2005

Sher-e-Bangla Agricultural University, Agargaon, 1938

Sher-e-Bangla Agricultural University,
Sher-e-Bangla Nagar, Dhaka-1207.
It was established in 1938 as a pioneer Agricultural Institute in the British India. Later on 2001, It was established as a public University.

Sher-e-Bangla Agricultural University
Sher-e-Bangla Nagar, Dhaka 1207
Previously, It as a Agricultural Institute as established in 1938. After that, the institute is converted as university in 2001.

Sher-e-Bangla Agricultural University
Dhaka
Previously known as Bangladesh Agricultural Institute and established in 1938
It is transferred as University in 2001

What is the name and location of your institution, and which year it was established? (name, location, year).

Sher e bangla agricultural University, sher-e - bangla nagar,dhaka,1938

Sher e Bangla Agricultural University, Dhaka

Royal university of Agriculture .phnom penh Cambodia

Royal University of Agriculture, Phnom Penh City, 1998.

Royal University of Agriculture

RUPP, Phnom Penh

RUPP 1960

Nubb, Battambang,2024

National university of management, Phnom Penh
It was established 1983

National university of management
Phnom Penh
It was established in 1983

National university of Battambang

National University of Management, Phnom Penh, Cambodia, 1983

National University of Management in Phnom Penh
It was established in 1983

National University of Management
Phnom Penh
It was established since 1983

National University of Cheasim Kamchaymear(NUCK), Established 1993 in Prey Veng Province

National University of Cheasim Kamchaymear(NUCK)
Establish in 1993 at Prey Veng Province, Cambodia

National University of Cheasim Kamchaymear

National University of Cheasim Kachaymear

What is the name and location of your institution, and which year it was established? (name, location, year).

National University of Battambang, based in Battambang province, Cambodia, and was established in 2007.

National University of Battambang, Battambang province, and established in 2007.

National University of Battambang, Battambang province, 2007.

National University of Battambang, Battambang province, 2007

National University of Battambang, Battambang 2007

National University of Battambang, Battambang 2007

National University of Battambang, Battambang 2007

National University of Battambang, 2007

National University of Battambang
2007
Battambang province

National University of Battambang
Battambang
2007

National University of Battambang
Battambang
2007

National University of Battambang
2007
Battambang province

National University of Battambang
2007
Battambang provinces

National University of Battambang

National University of Battamabang, Battambang province, Cambodia, 2007

Name: Sylhet Agricultural University, Sylhet.
Location : The University is located on the 6 km east of district town of Sylhet.
Establishment: 2 nd November, 2006

What is the name and location of your institution, and which year it was established? (name, location, year).

Name: Bangladesh Agricultural University
Location: Mymensingh, Bangladesh
Established year: 1961

Name: Bangladesh Agricultural University
Location: Mymensingh
Established year: 1961

Name: Bangladesh Agricultural Research Institute
Location: Gazipur, Bangladesh
Year: 1976

Name- Sher-e- Bangla Agricultural University
Location- Sher-e-Bangla Nagar,Dhaka-1207
Year-1938

Name : Ruike (Cambodia) Agrochemicals co.,Ltd .
Local: Phnom Penh city .
Year : 2019

NUM

NUBB, Battambang 2007

Mistry of Education, Youth and Sport, Cambodia
Svay Rieng University,

National Road No. 1, Phumi Chambak, Sangkat Chek,
Svay Rieng City, Svay Rieng Province, CAMBODIA

Mobile Phone: (+855) 01076 1221

Email: sokunkhoeun@ymail.com,
sokunkhoeun@mail.sru.edu.kh

Long Tith

Kampong Cham National Institute of Agriculture

Heng samrin Tboungkhmom, Tboungkhmom province, 2015

Heng samrin Tboungkhmom University, Cambodia, 2015

Heng Samein thbongkhmum,2016

What is the name and location of your institution, and which year it was established? (name, location, year).

Faculty of Development Studies, year of establishment: 2013 at Royal University of Phnom Penh.

EXIM Bank Agricultural University Bangladesh
Location : Chapainawabganj district at Rajshahi division
Year: 2013

Bangladesh agricultural university, Mymensingh, 1961

Bangladesh agricultural University, Mymensingh, 1961

Bangladesh agricultural University, Mymensingh
1961

Bangladesh Rice Research Institute, Gazipur

Bangladesh Rice Research Institute (BRRI)
Gazipur
1971

Bangladesh Agricultural University; Mymensingh, Bangladesh; 1961

Bangladesh Agricultural University, Mymensingh.
Established : 1961

Bangladesh Agricultural University, Mymensingh-2202, It was established in 1961

Bangladesh Agricultural University, Mymensingh, Estd- 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh (1961)

What is the name and location of your institution, and which year it was established? (name, location, year).

Bangladesh Agricultural University, Mymensingh
1961

Bangladesh Agricultural University, 1961

Bangladesh Agricultural University, 1961

Bangladesh Agricultural University (BAU), Mymensingh, 18 August 1961.

Bangladesh Agricultural University
established 1961

Bangladesh Agricultural University
Mymensingh
1961

Bangladesh Agricultural University
established 1961

Bangladesh Agricultural University
Mymensingh, Bangladesh
1961

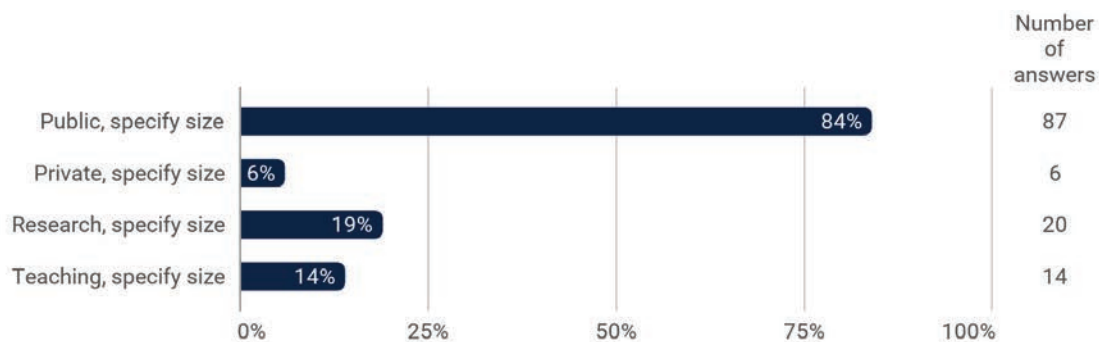
Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur-1701. It was established on 1976.

BRAC
Location: 75 Mohakhali, Dhaka, Bangladesh
Established: 1972

BAU, 1961

3r3

What type and size is your institution?



What type and size is your institution?
- Public, specify size

public

not sure about size are you asking? land area?

dsd

big

because it is public institute

University of heng samring thbongkhmum is size 23 ha

Under ministry of education, youth and sport

Small

Size of institution is 8 hectares

Size is 10 hectares

Public, specify size

Public, non profit

Public its size is more than one hect

Public University

Public

Public

Pesticides and Fertilizers

What type and size is your institution?
- Public, specify size

Occupied Ministry of Education, Youth and Sport

National

NA

NA

Medium

Land size 87 acres, Students - 5000, Employees - 700

Is the Public institution

Institution: 10 hectares

Institution is 8 hectares

Higher Education Institution

Higher Education Institution

Higher Education Institute

Big

Big

Around 5000 student studies in this University. The area of the university is 87 square kilometre.

Around 20 hectares.

Area: 20.23 hectares (50 acres)

Agriculture

947

87 acres of land, about 5000 students and employees near about 700

87 acre

86.92 acres

What type and size is your institution?
- Public, specify size

8000

6000 stutents

6 ha

5000 students

50 acres

50 acres

50 Acre

5 ha

45

45

4 hectares

300 to 500 staff

23

22ha

22ha

22 ha

20ha

20ha

20Ha

20 hectar

20 h

20

What type and size is your institution?
- Public, specify size

1600 Acre

1261 acres

1231 Acre.

1231 Acre.

1230

1230

1200 acres

1200 acres

1200 acres

1200 acres

1200 acre with 6000 student

1200 acre

1200 acre

1200 acre

10ha

100%

10,000

10 hectares

10 ha

10 ha

10 ha

10 Ha

What type and size is your institution?
- Public, specify size

10

10

1,261 acres (5.10 km²)

-

What type and size is your institution?
- Research, specify size

more than 500 employees and around 2000 students

Training all the Student focus on Research and Innovation

Size is 17 hectares

Research institution

Public, non profit

More than 400 on-going research project

Mission to Researching and Inovation

I am not sure what you mean by size, it is based on number of employees, or amount of money invested or running institutions or areas

Farm: 17 hectares

Big

Big

Autonomous

77 hectare

5.10 km² area, with 567 academic staff

17ha

What type and size is your institution?
- Research, specify size

17 hectares

17 ha

17 ha

1000

What type and size is your institution?
- Private, specify size

To get private Students

To get private Students

Public, non profit

Private

INGO, Working 12 countries and more than one lac employees

Big

100 acre

What type and size is your institution?
- Teaching, specify size

more than 500 employees and around 2000 students

management by government

agribusiness

University

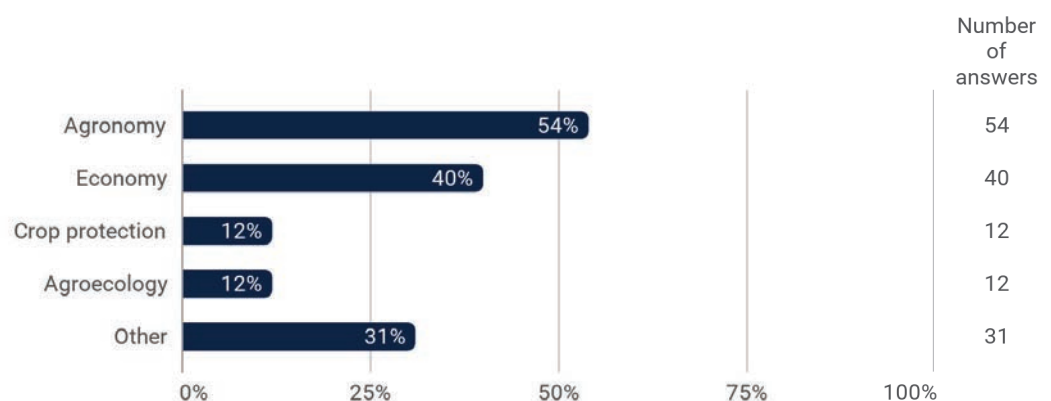
Train students by strengthening their knowledge and skills.

Teaching

Same

| What type and size is your institution? - Teaching, specify size |
|---|
| Public, non profit |
| Provide Knowledge and Skill |
| Environment |
| Big |
| 50 acre |
| 5.10 km2 area, with 567 academic staff |
| 1000 |

What is the main discipline of your agribusiness education or research program?



| What is the main discipline of your agribusiness education or research program? - Other |
|---|
| department of agribusiness and marketing |
| department of agribusiness and marketing |
| agricultural cooperative |
| Value chain analysis, Market structure, Product development, Product pricing and promotion, Governance structure etc. |
| Soil Science |

What is the main discipline of your agribusiness education or research program?
- Other

Soil Science

Soil Science

Soil

Social science and humanity, community development, natural resource management, environmental science.

Institute of Agribusiness and Development Studies

Horticulture

Food technology

Food technology

Food Processing and Animal Science

Food Processing and Animal Science

Fisheries

Fisheries

Dairy

Climate Change, Disaster risk management

Business model

Animal Science

Animal Science

Animal Science

Animal Science

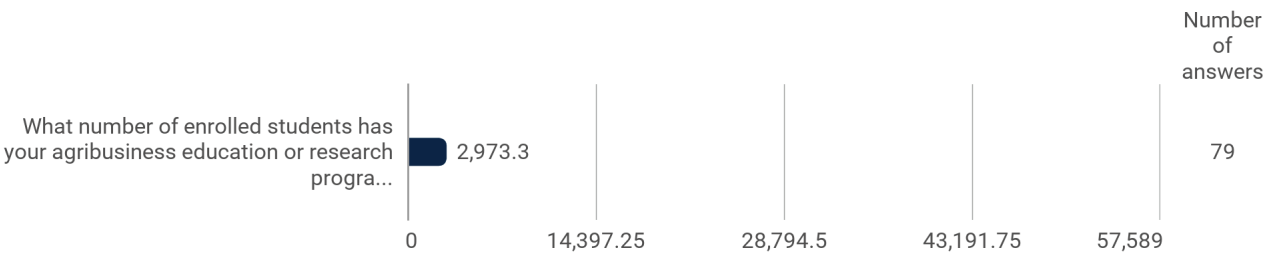
Animal Science

Animal Science

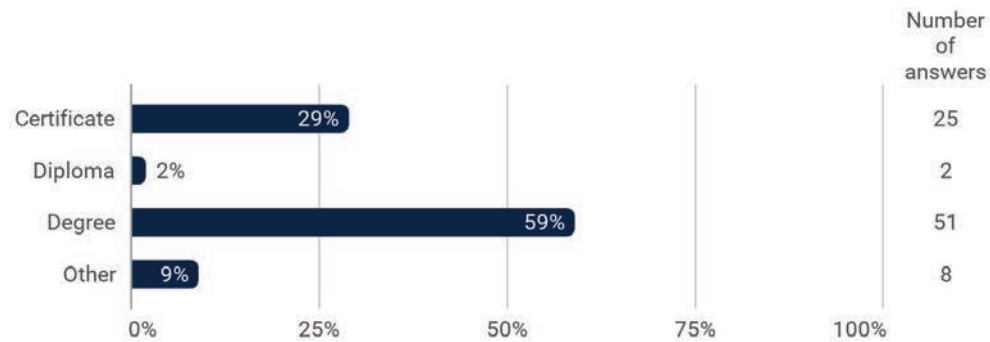
Agricultural sector

| What is the main discipline of your agribusiness education or research program? - Other |
|--|
| Agricultural Extension Education |
| Agricultural Economics and Business Studies |
| Agribusiness Management |

What number of enrolled students has your agribusiness education or research program?



What is the level and duration of your agribusiness education or research programs?



| What is the level and duration of your agribusiness education or research programs? - Other |
|--|
| seminar |
| Used to join class without certificate |
| Traning |
| Part of the curriculum |

What is the level and duration of your agribusiness education or research programs?
- Other

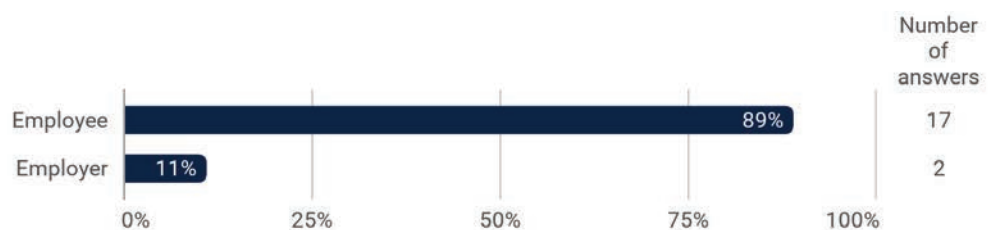
One semester course work of 3 credits

NA

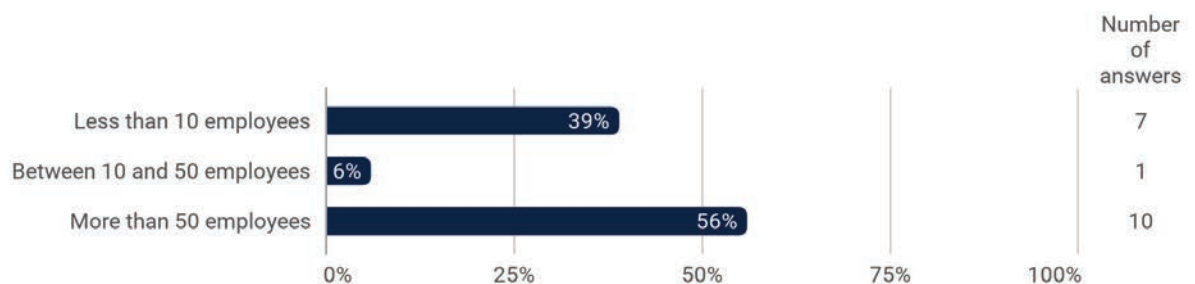
MBA

4 years,BSc in Agriculture

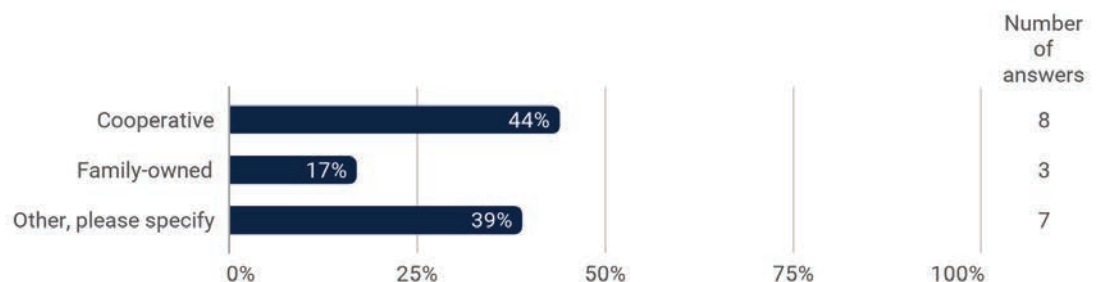
Are you a employee or employer in the business, company you own or work with?



What size is your company or business?



What type is your company or business?



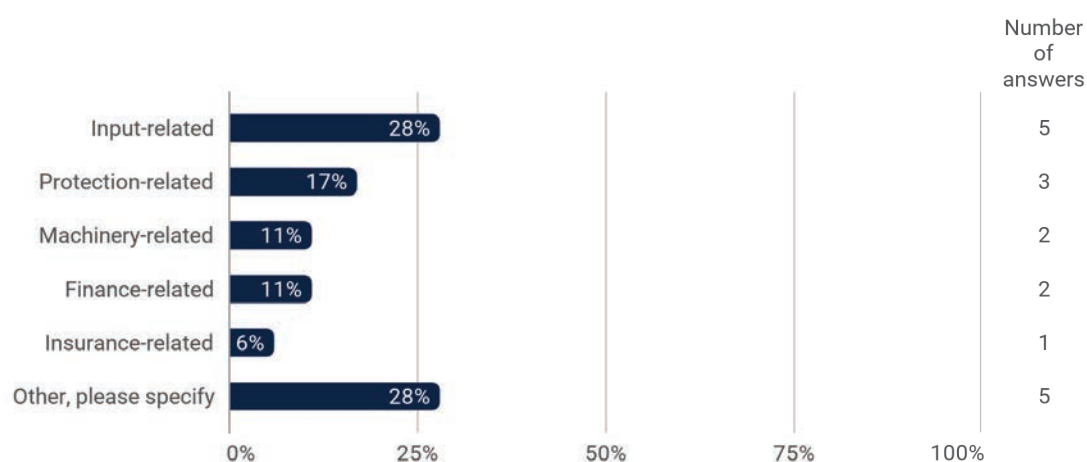
What type is your company or business? - Other, please specify

Syngenta Foundation for Sustainable Agriculture

Seed industry business

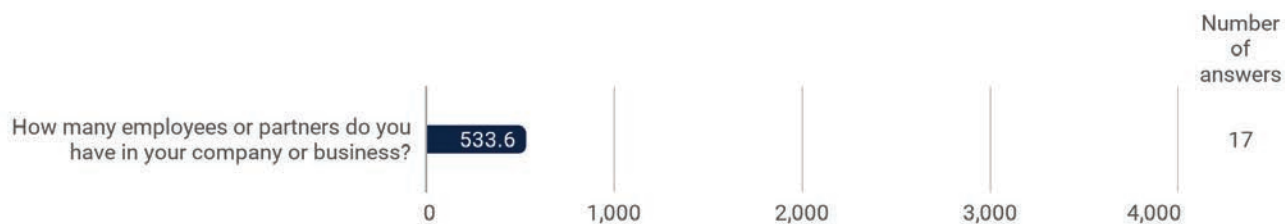
| What type is your company or business? - Other, please specify |
|--|
| MNC |
| MNC |
| Business |
| Business |
| Autonomous |

What is the main product or service that your company or business offers or produces?

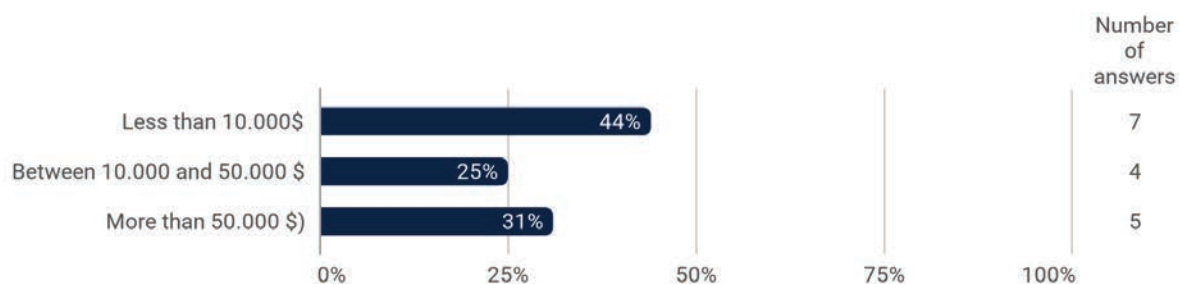


| What is the main product or service that your company or business offers or produces? - Other, please specify |
|---|
| Technology for farmers and or agriculture |
| Retail |
| Quality seed for the farmers |
| Crop protection |
| Agribusiness |

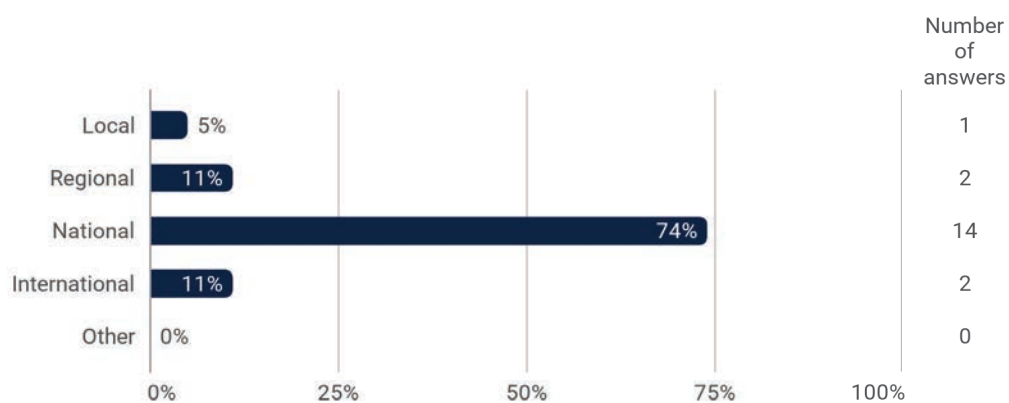
How many employees or partners do you have in your company or business?



What is the annual revenue or profit of your company or business?



What is the level and scope of your organization or agency?

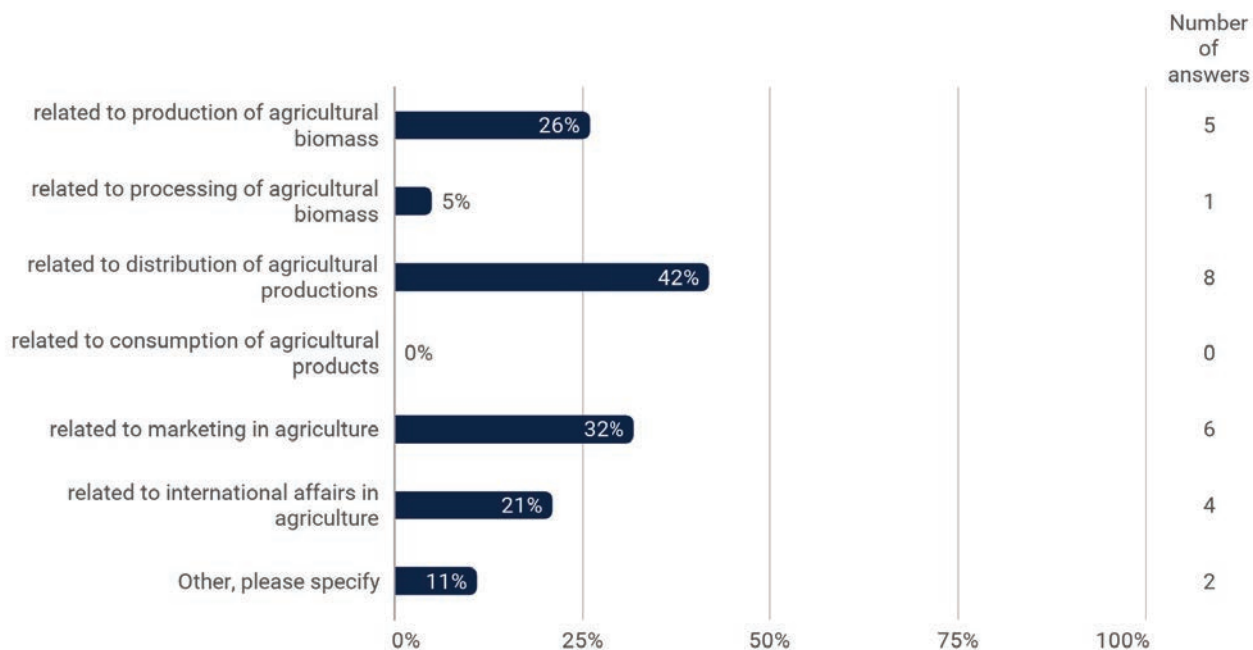


What is the level and scope of your organization or agency? - Other

How many staff or members do you have in your organization or agency?



What is the main policy or regulation you implement or enforce in the agribusiness sector?

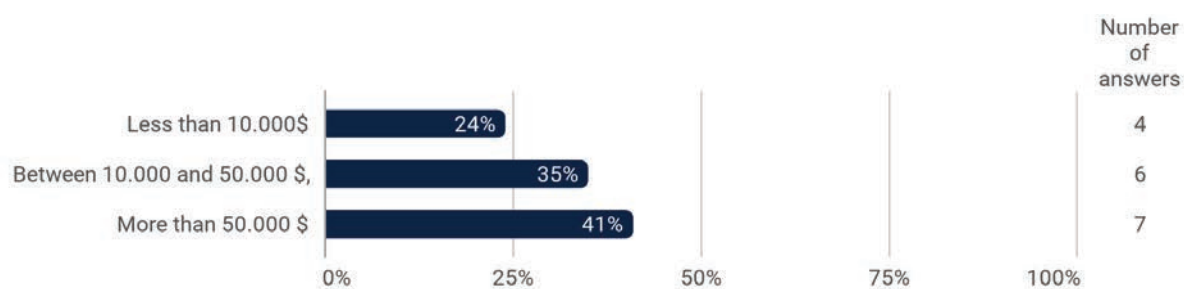


What is the main policy or regulation you implement or enforce in the agribusiness sector?
- Other, please specify

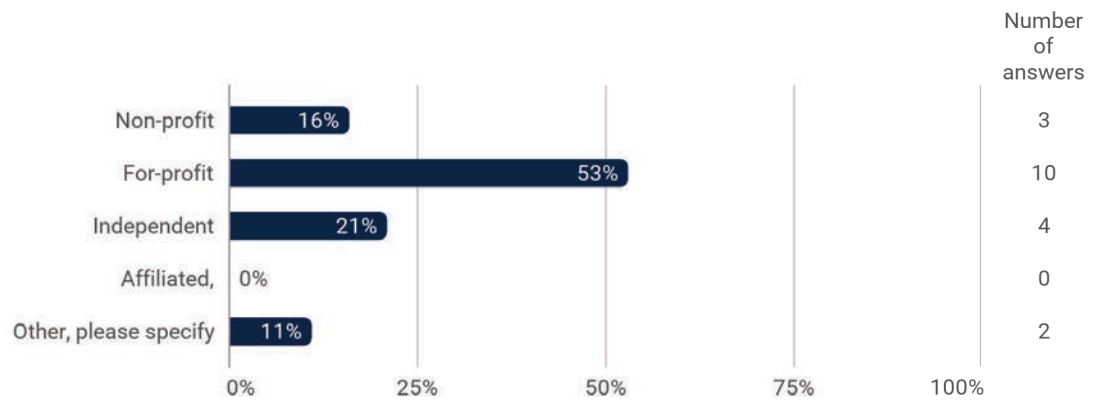
Related to distribution of agricultural inputs

Coordinations connecting policy to all stakeholders

What is the annual budget or expenditure of your organization or agency?



What is the type and status of your organization or company?

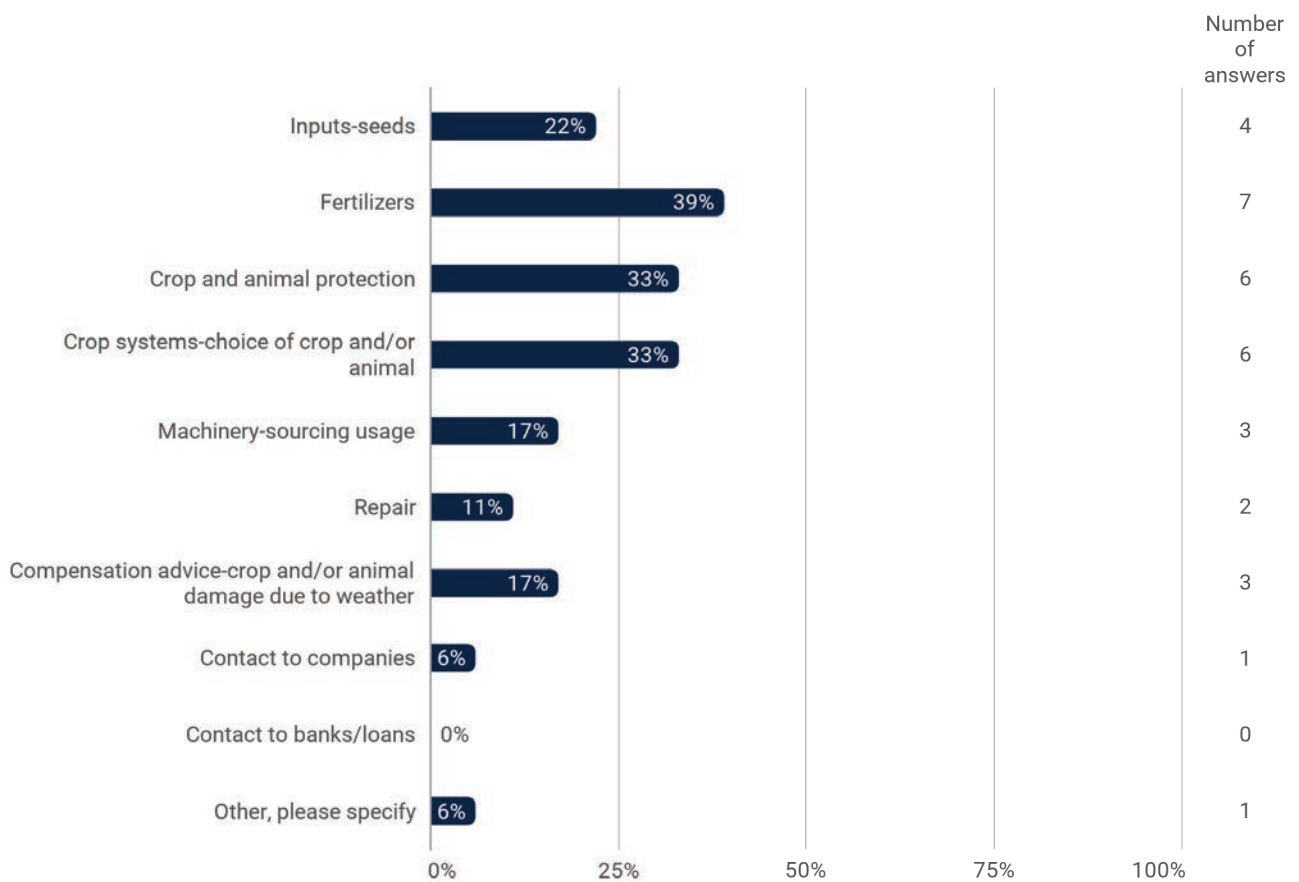


What is the type and status of your organization or company? - Other, please specify

Food industry

Autonomous

What is the main service or advice that you provide or offer to the agribusiness sector?



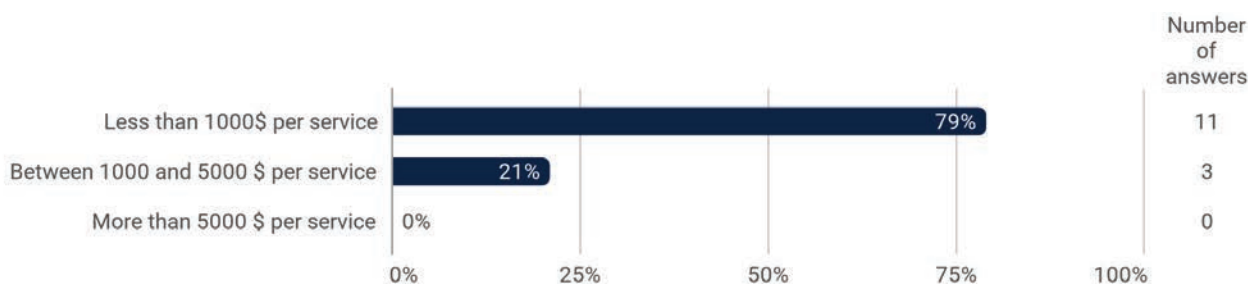
What is the main service or advice that you provide or offer to the agribusiness sector? - Other, please specify

juice factory and pineapple farm

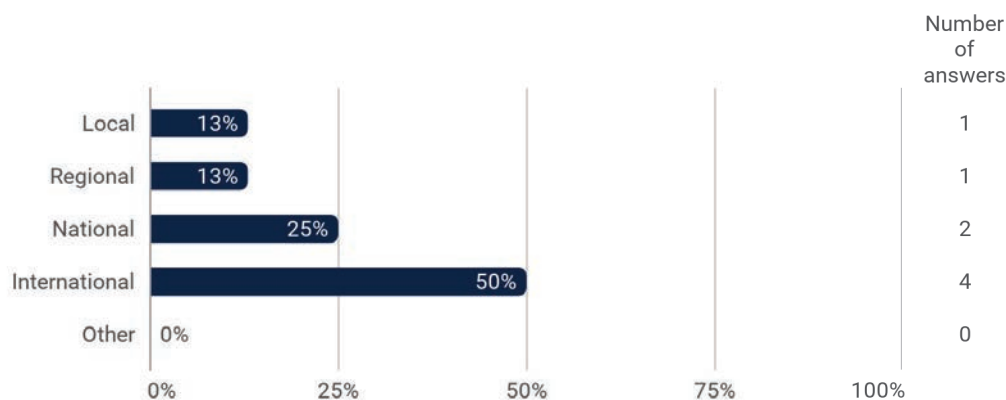
How many clients or beneficiaries do you have in the agribusiness sector?



What is the fee or cost of your service or advice (in \$) to the agribusiness sector?



What is the level and scope of your organization?

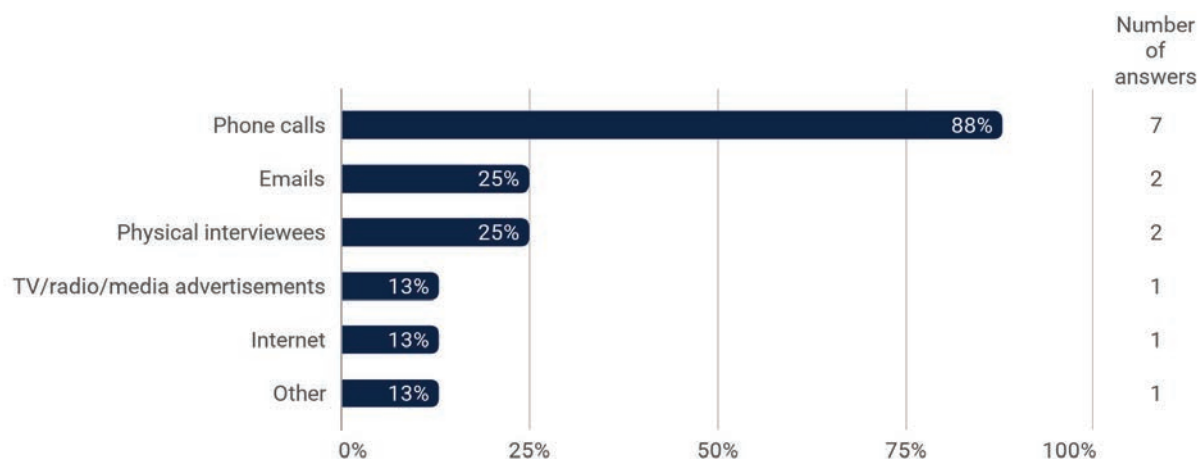


What is the level and scope of your organization? - Other

How many staff or members do you have in your organization?



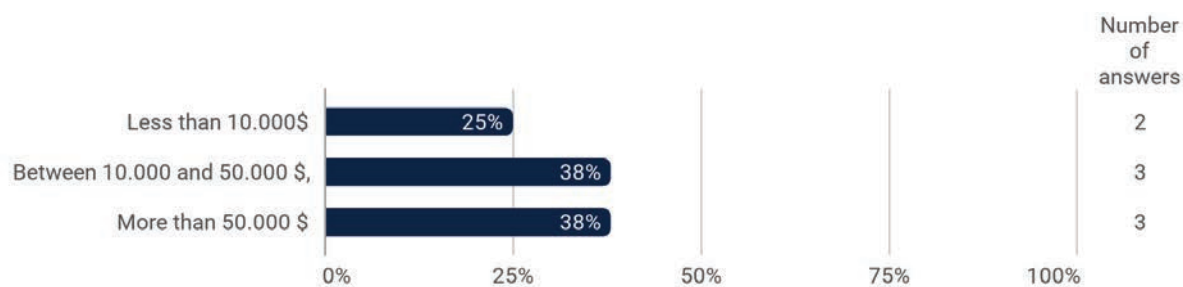
What is the main policy or method you implement to outreach to stakeholders of interest?



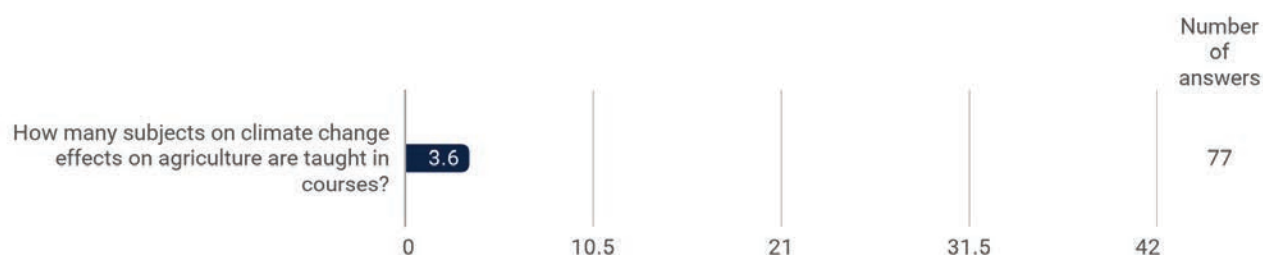
What is the main policy or method you implement to outreach to stakeholders of interest? - Other

Local level event

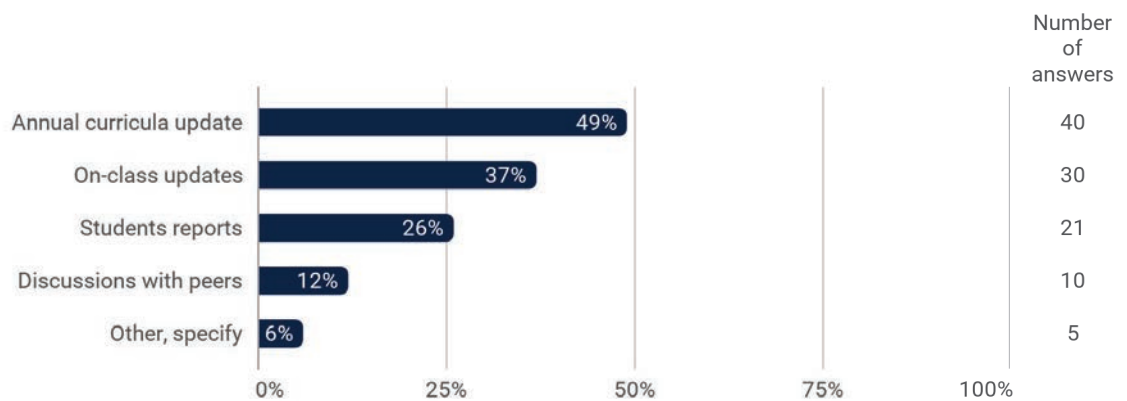
What is the annual budget or expenditure of your organization or agency?



How many subjects on climate change effects on agriculture are taught in courses?



How is new knowledge and materials incorporated into curricula?



How is new knowledge and materials incorporated into curricula? - Other, specify

Nothing

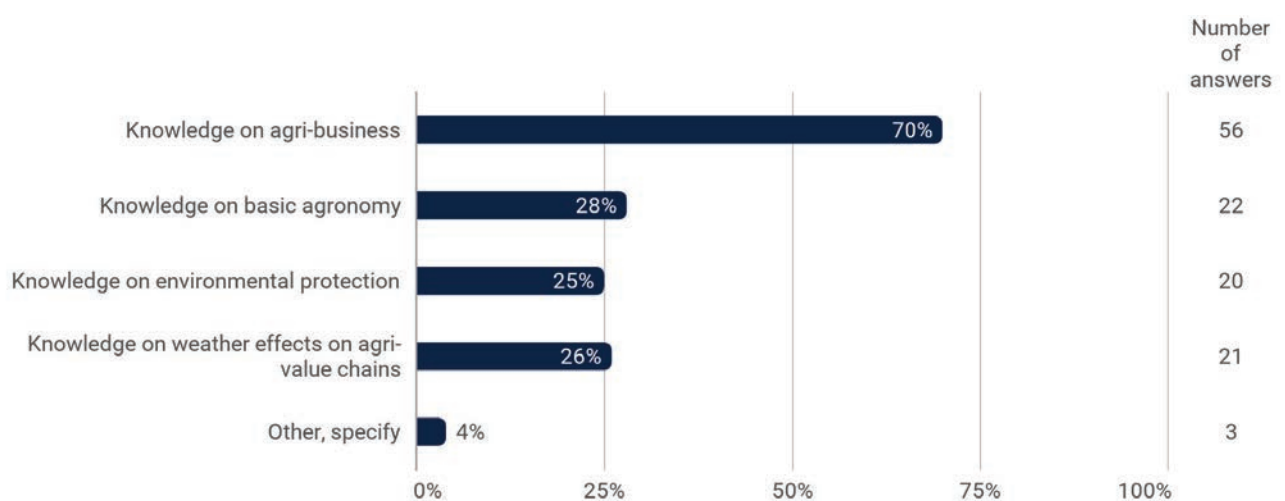
None

Meeting

Irregular curricula update

Every two years

What are the main objectives or outcomes of your agribusiness education or research programs?



What are the main objectives or outcomes of your agribusiness education or research programs? - Other, specify

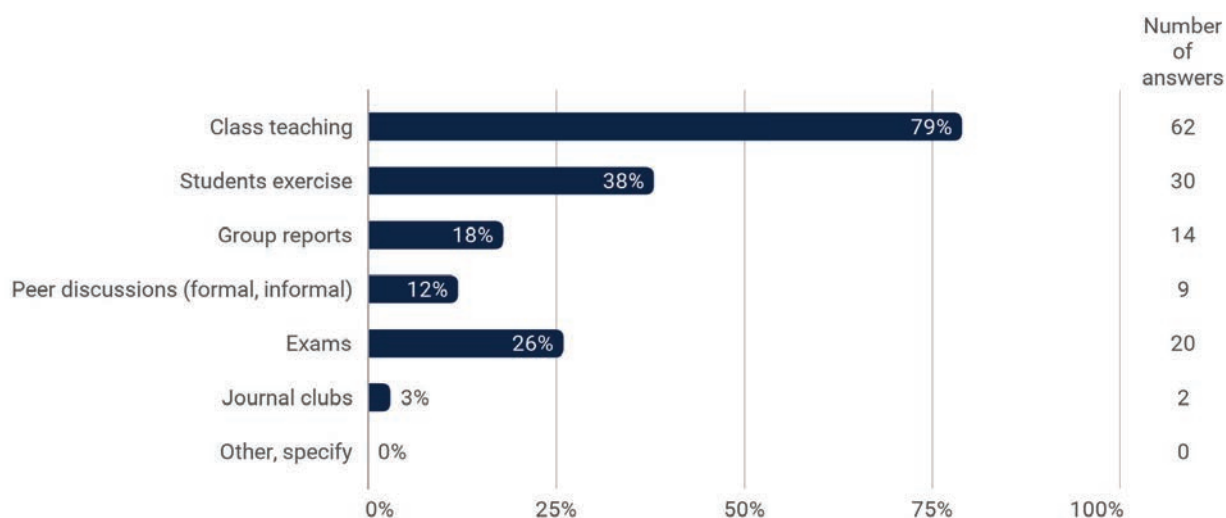
What are the main objectives or outcomes of your agribusiness education or research programs? - Other, specify

Protection to soil on changing climate to support agi-production

Knowledge on basic horticulture

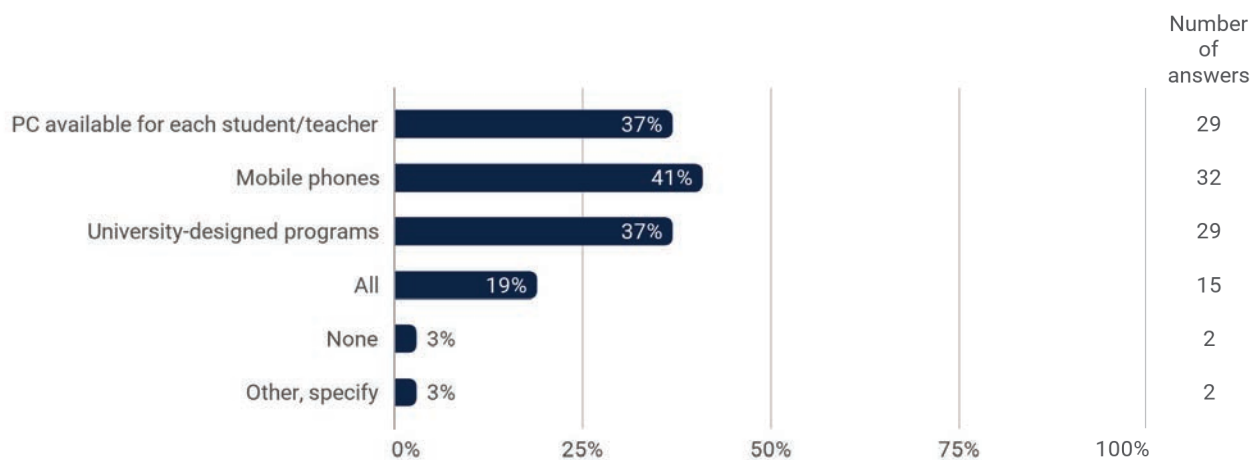
Combine with Agronomy and Animal Science

How do you deliver your agribusiness education or training program or course?



How do you deliver your agribusiness education or training program or course? - Other, specify

How do you integrate digital technologies or tools in your agri-education, course or research programs?

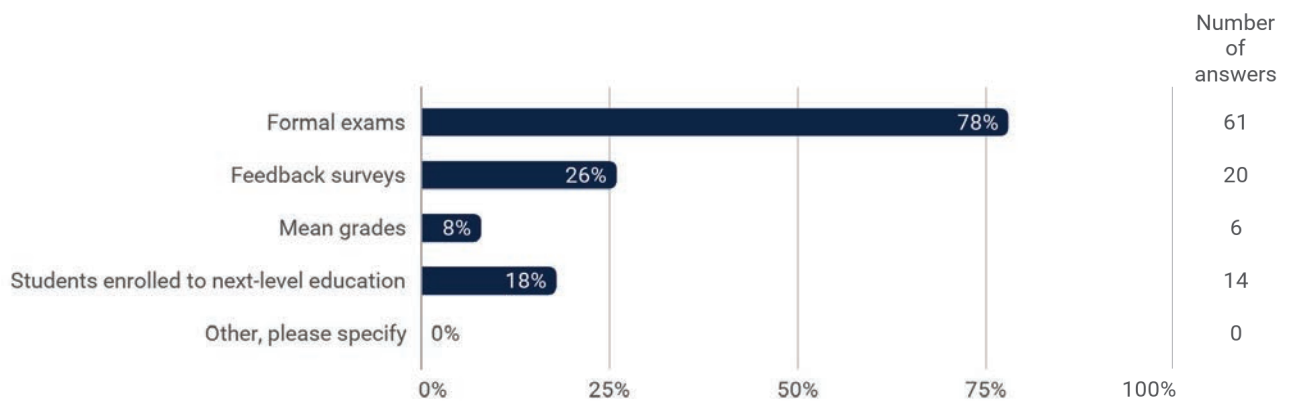


**How do you integrate digital technologies or tools in your agri-education, course or research programs?
- Other, specify**

mixed mode

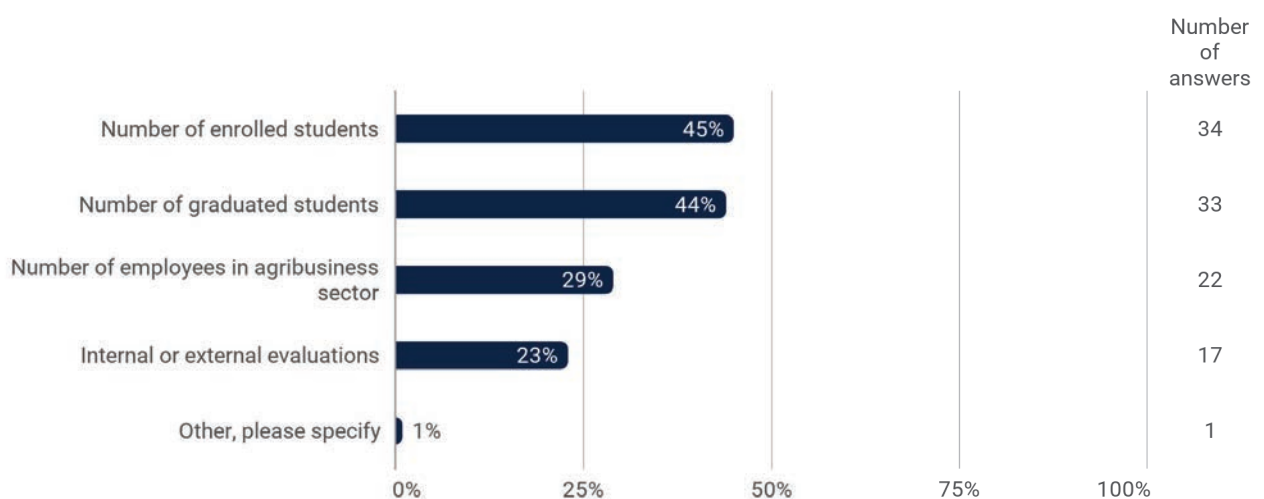
Power point presentation

How do you ensure or monitor the quality or relevance of your agri-education or research programs?



**How do you ensure or monitor the quality or relevance of your agri-education or research programs?
- Other, please specify**

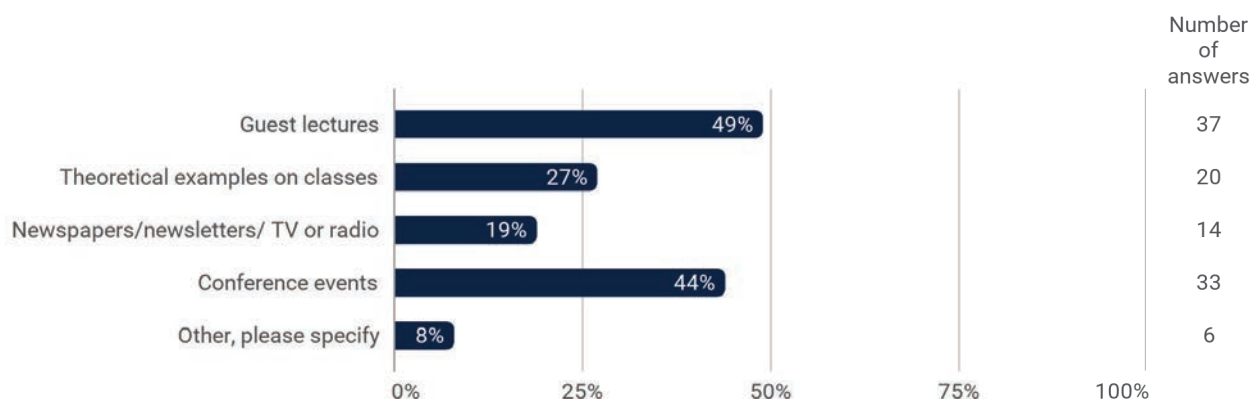
How do you evaluate or measure the effectiveness or impact of your agri-education or training program or course?



How do you evaluate or measure the effectiveness or impact of your agri-education or training program or course?
 - Other, please specify

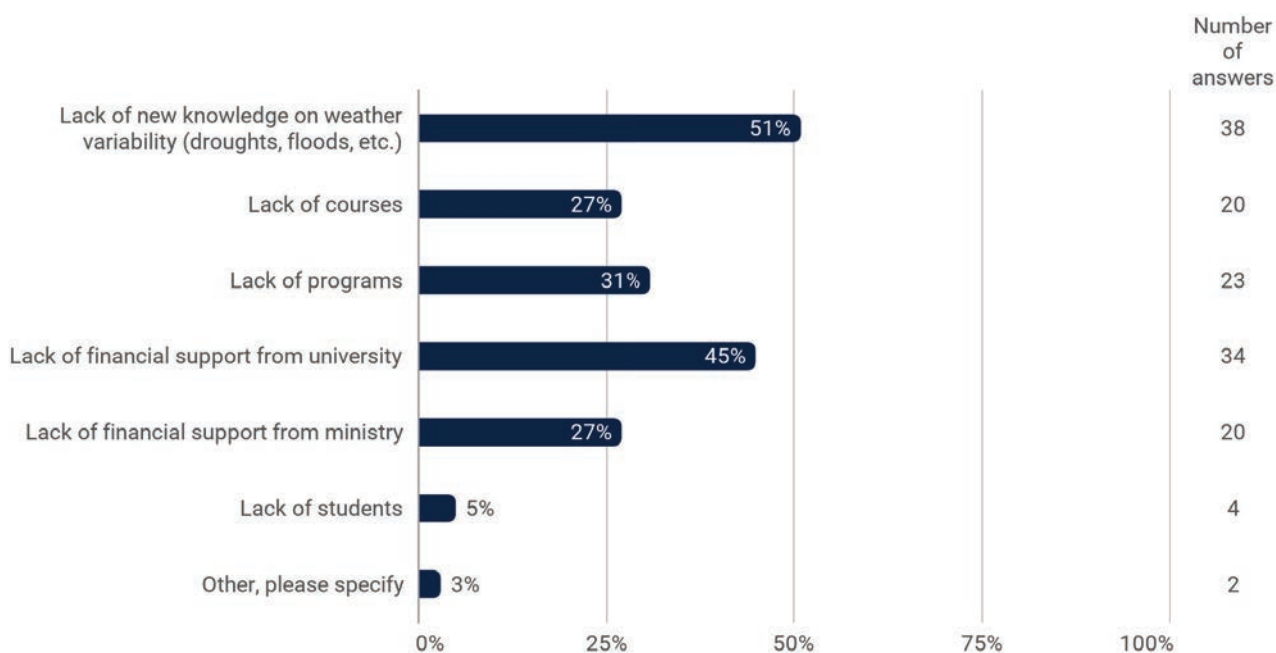
Impact study not done

How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as employers, workers, policy makers, or consumers?



What are the main challenges to provide innovative agri-education or research programs?

(In this survey, innovative is defined as incorporating latest knowledge and benefiting directly the society through the most cost-effective design)

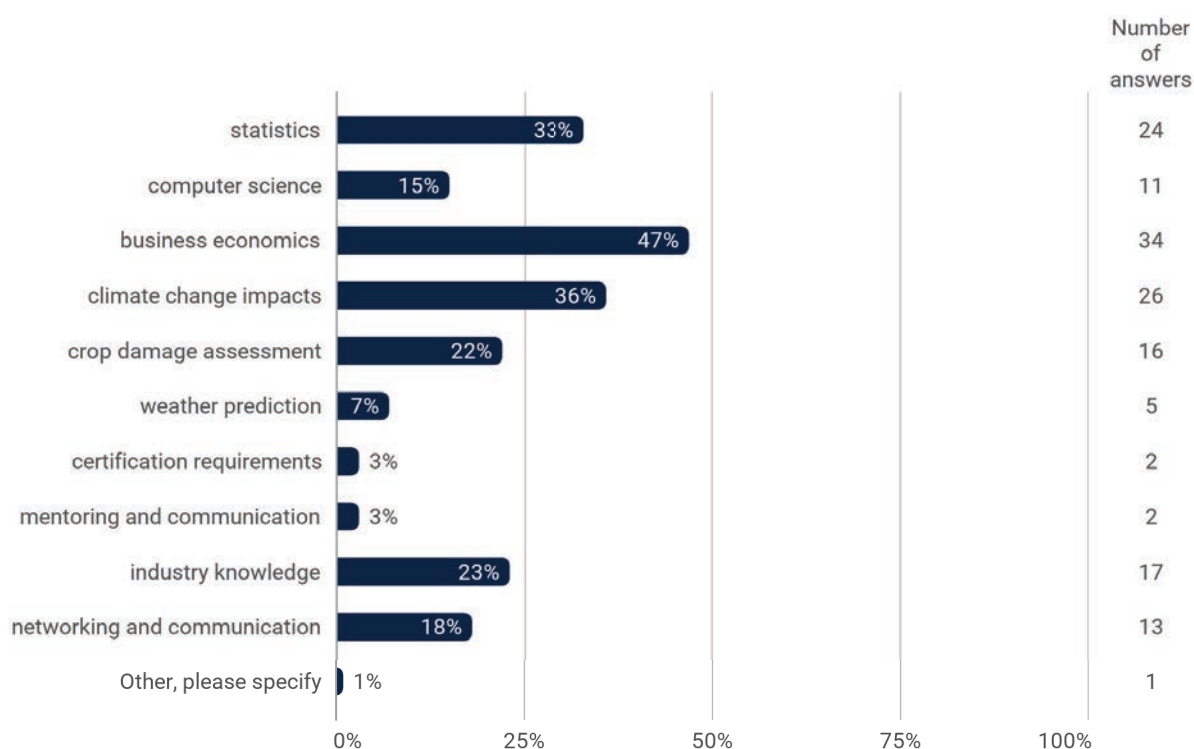


What are the main challenges to provide innovative agri-education or research programs?
(In this survey, innovative is defined as incorporating latest knowledge and benefiting directly the society through the most cost-effective design)
- Other, please specify

Lack of good quality instructor

Lack of good quality instructor

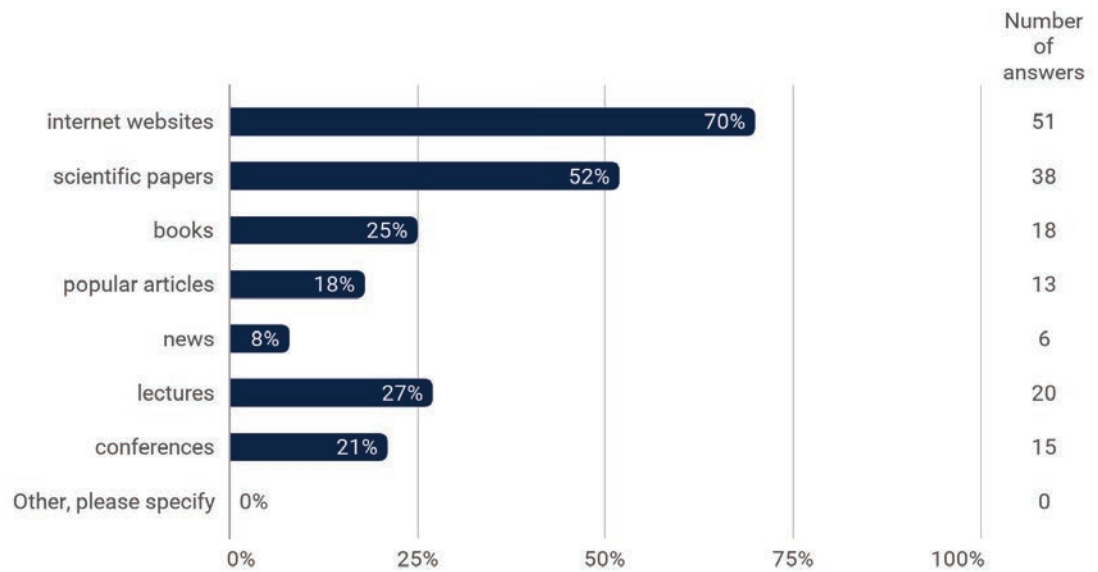
What are the main skills or competencies aiming to develop or enhance in your agribusiness students, trainees or researchers?



What are the main skills or competencies aiming to develop or enhance in your agribusiness students, trainees or researchers?
- Other, please specify

Food technology

What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics?

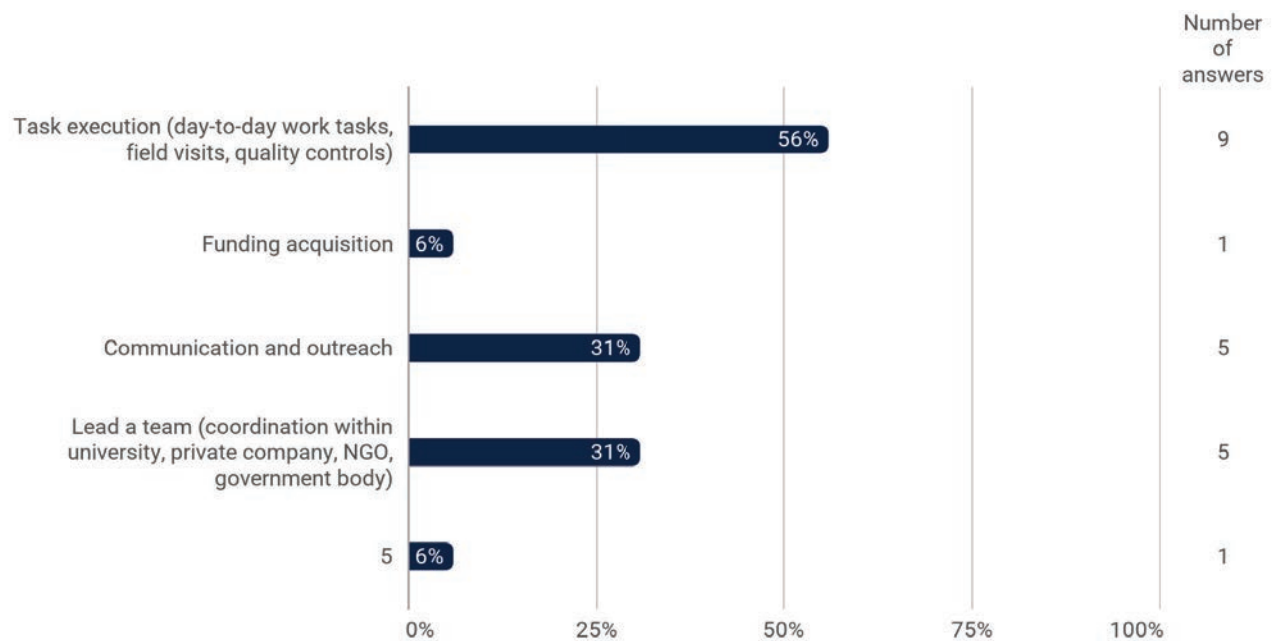


What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics? - Other, please specify

How many years have you been working in the agribusiness sector?



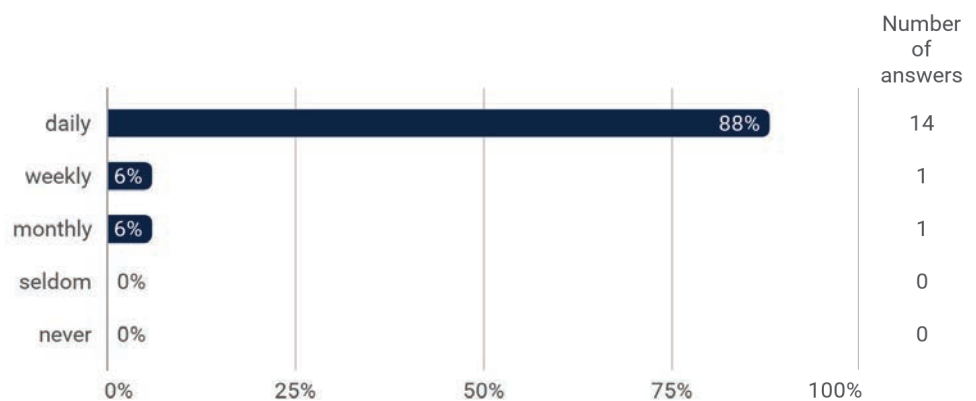
What are the main tasks or responsibilities that you perform in your current job?



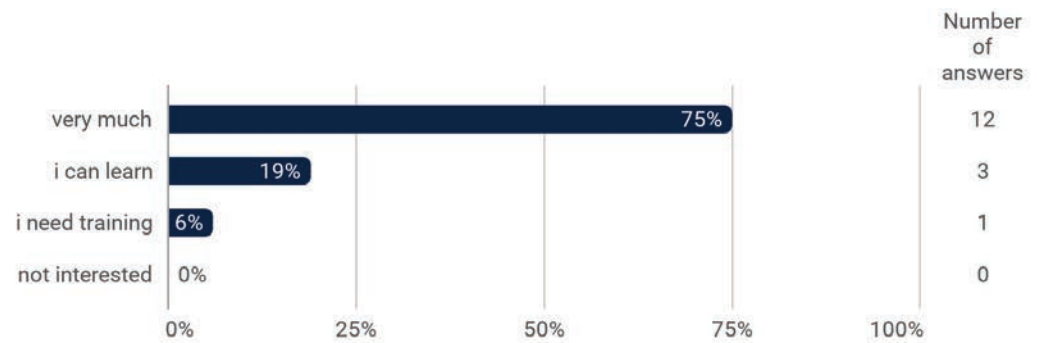
What are the main tasks or responsibilities that you perform in your current job? -

Conduct research

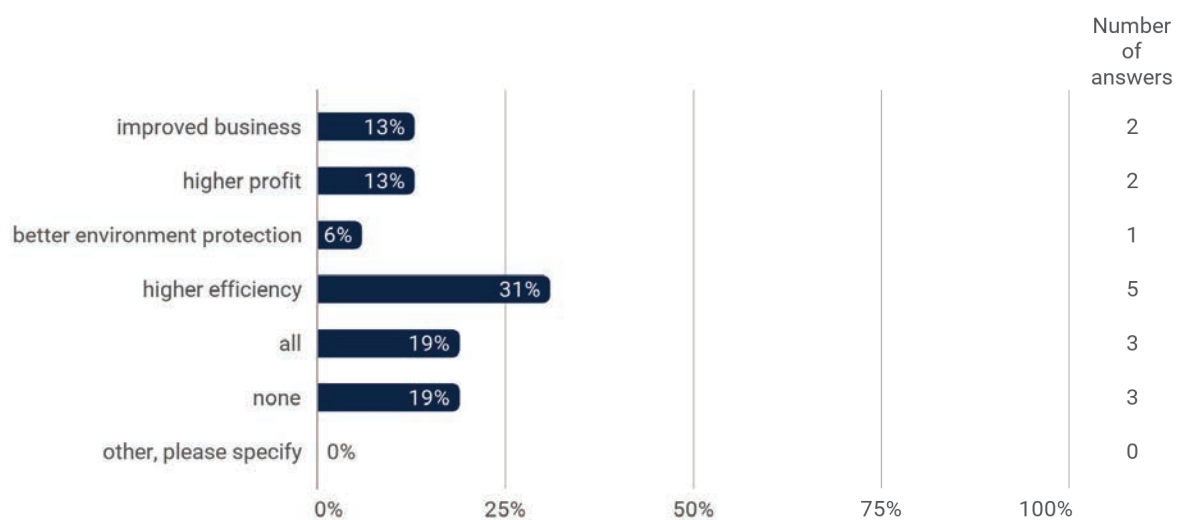
How often do you use or interact with digital technologies or tools in your work?



How confident are you in your ability to use or learn new digital technologies or tools in your work?

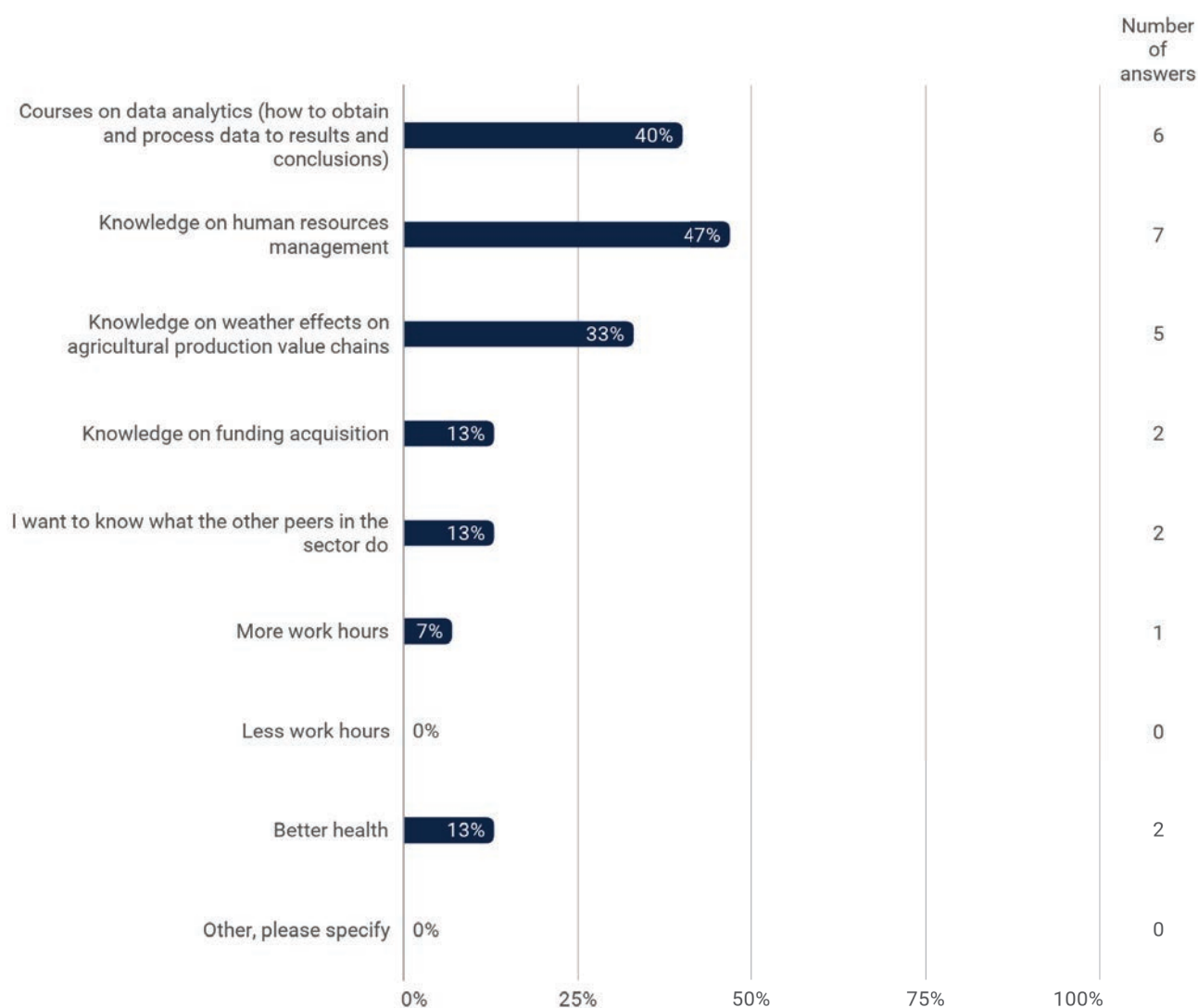


What are the main challenges that you experience or anticipate from using digital technologies or tools in your work?



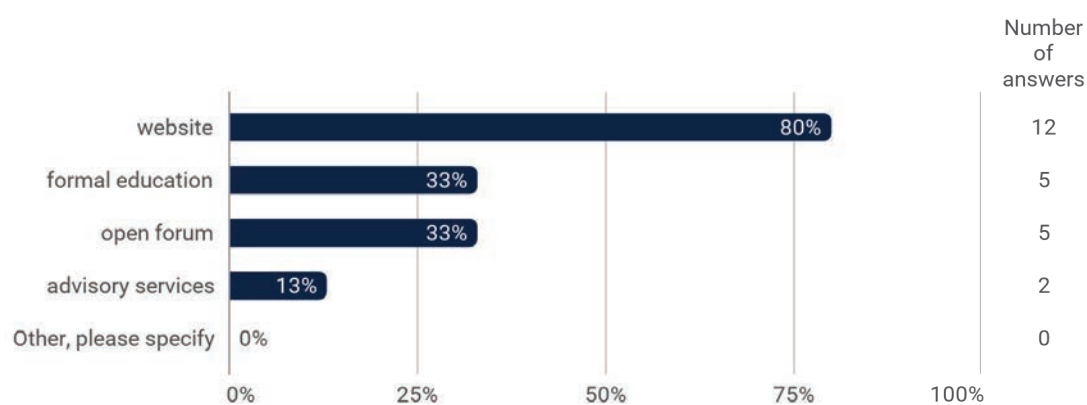
What are the main challenges that you experience or anticipate from using digital technologies or tools in your work? - other, please specify

What skills or knowledge do you have or need to improve your performance and productivity in your work?

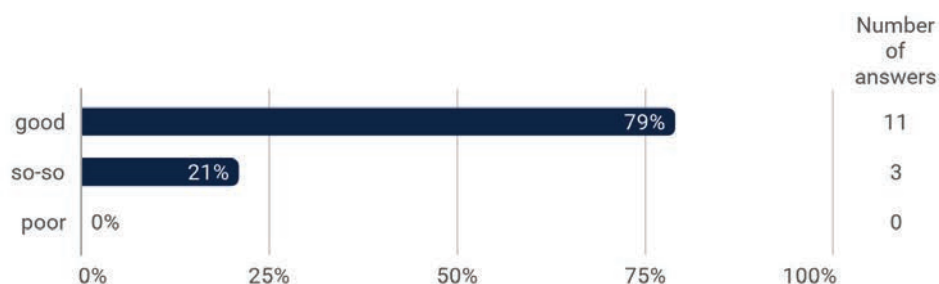


What skills or knowledge do you have or need to improve your performance and productivity in your work? - Other, please specify

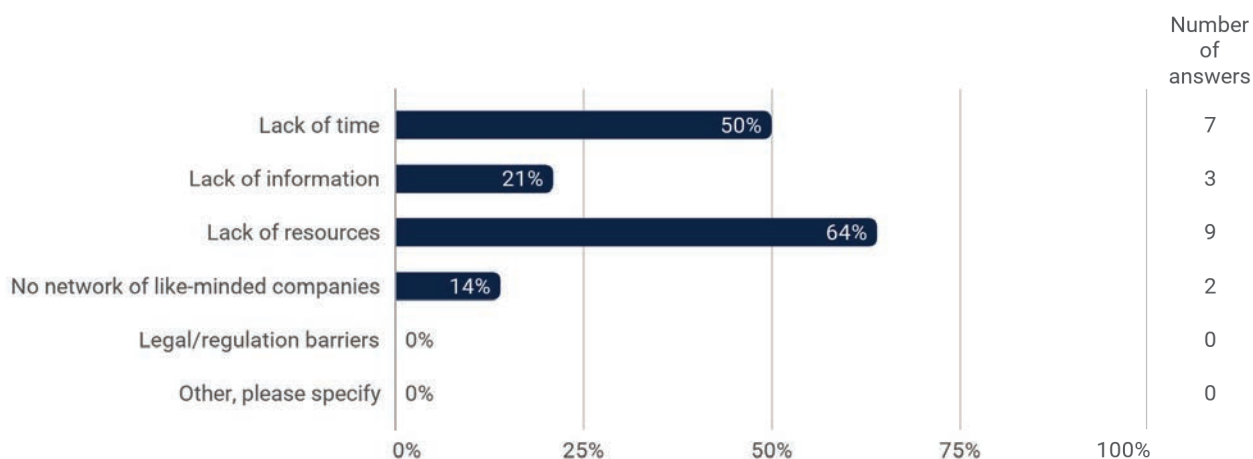
How do you access or prefer to access information or training on agribusiness skills or topics?



How satisfied are you with the quality and relevance of the information or training that you have received or accessed on agribusiness skills or topics?

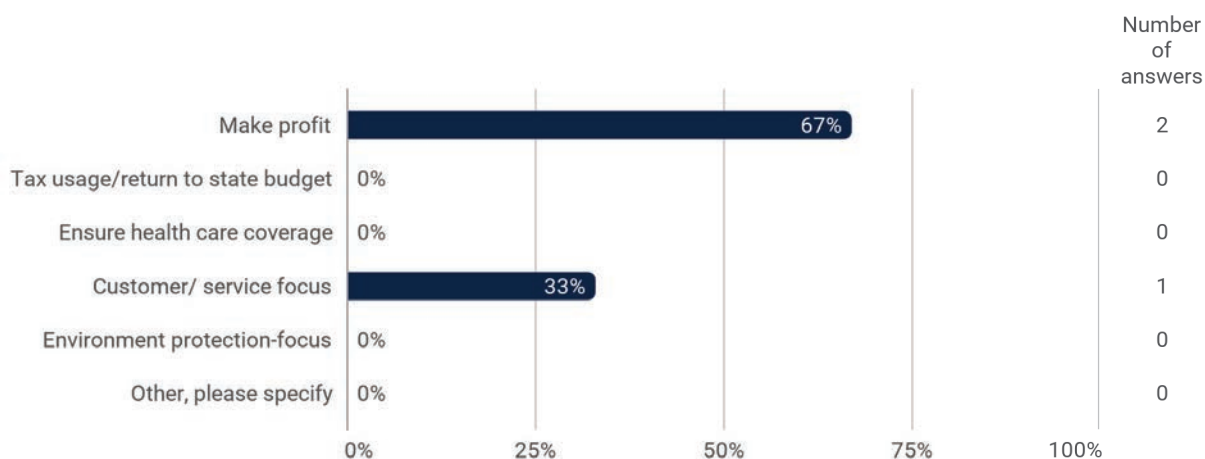


What are the barriers that affect your participation or engagement in information or training on agribusiness skills or topics?



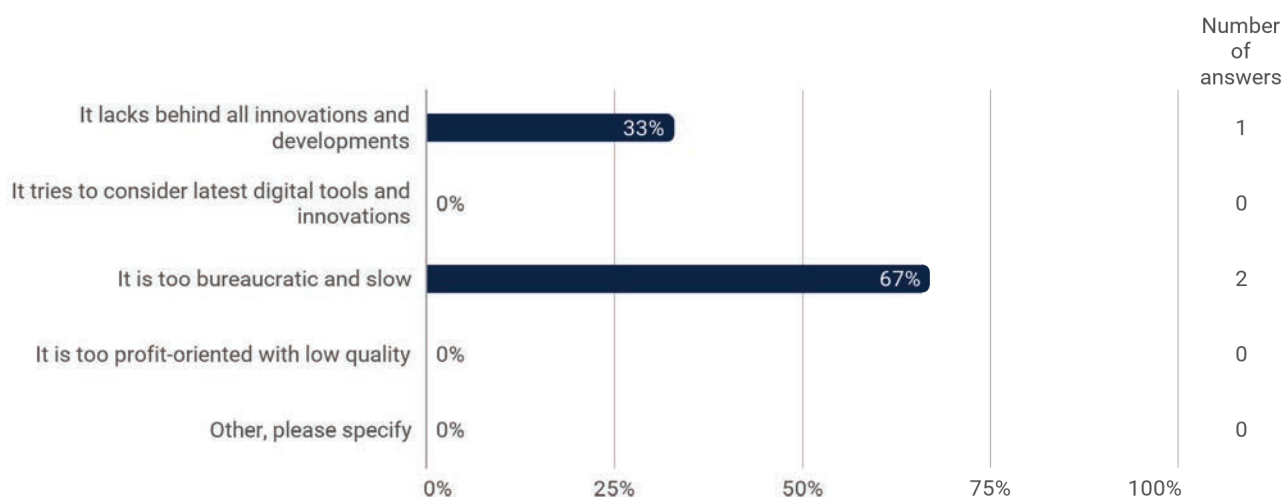
What are the barriers that affect your participation or engagement in information or training on agribusiness skills or topics? - Other, please specify

What are the main goals or objectives of your agribusiness organization or enterprise?



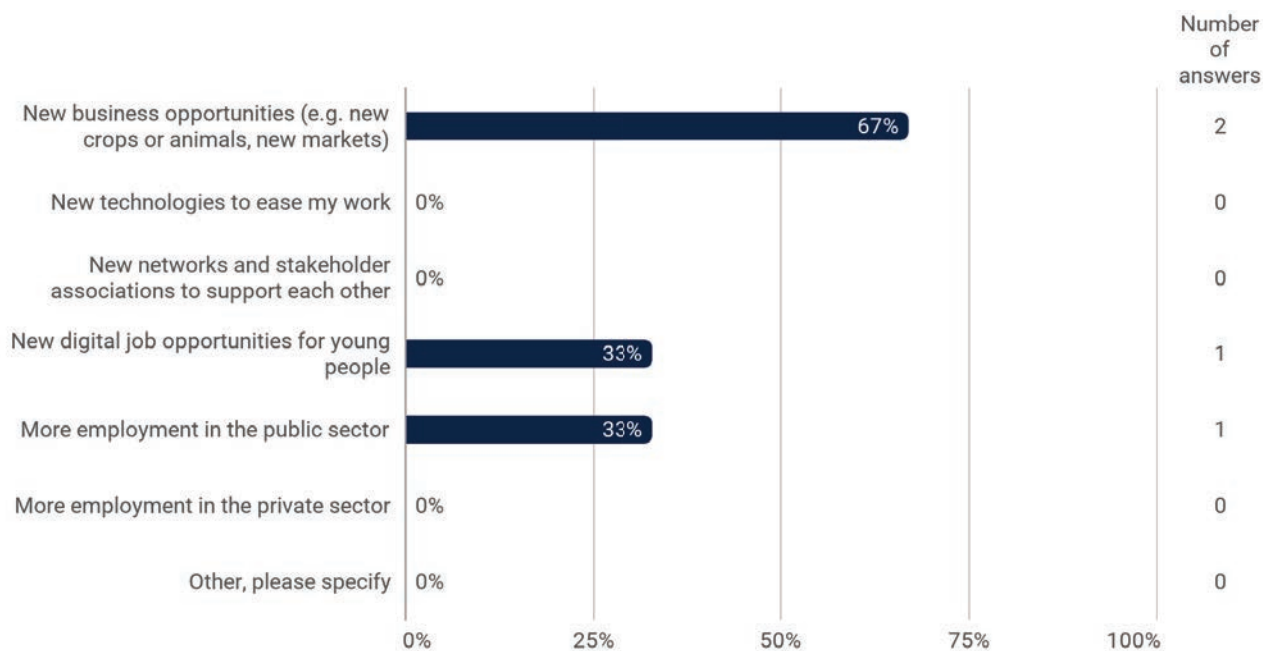
What are the main goals or objectives of your agribusiness organization or enterprise? - Other, please specify

How has the agribusiness sector changed or evolved in the past few years, especially in terms of digital transformation or innovation?



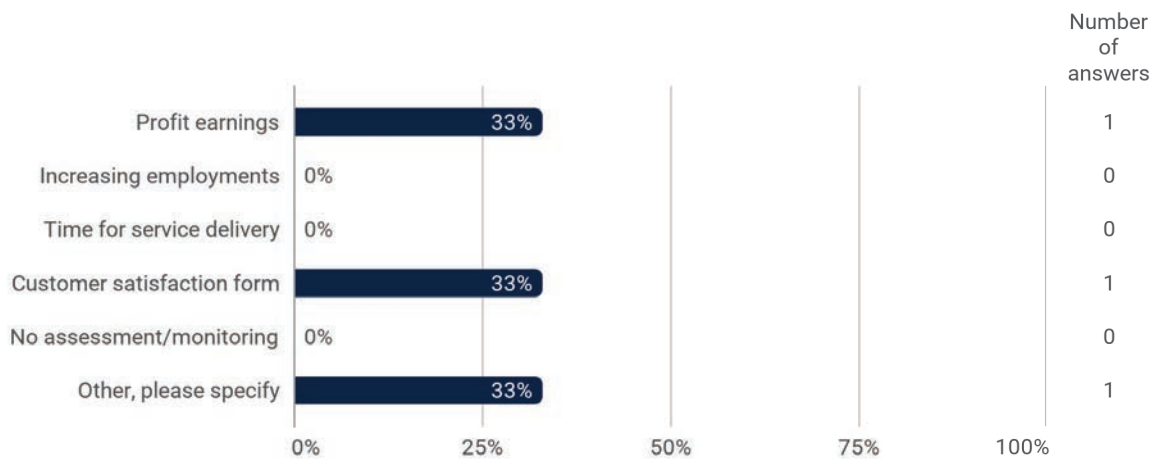
How has the agribusiness sector changed or evolved in the past few years, especially in terms of digital transformation or innovation? - Other, please specify

What are the main opportunities that you see or expect from the changing agribusiness sector?



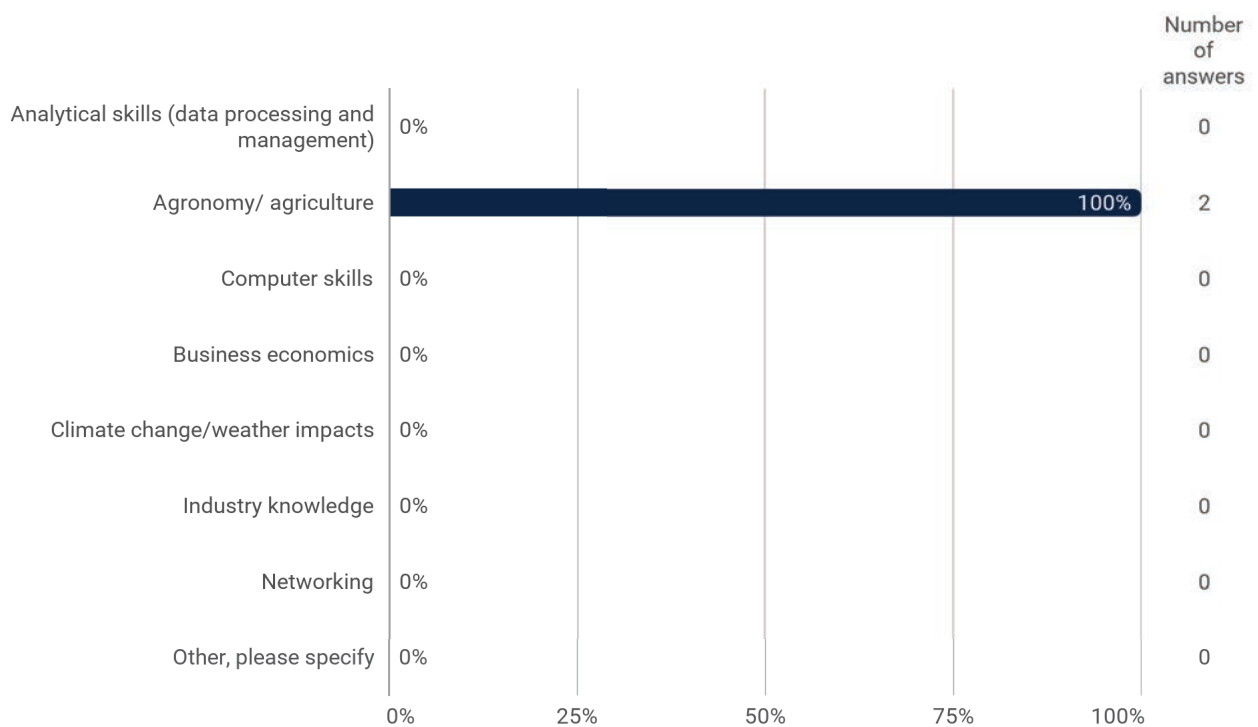
What are the main opportunities that you see or expect from the changing agribusiness sector? - Other, please specify

How do you assess or monitor the skills or competencies of your current or potential employee?



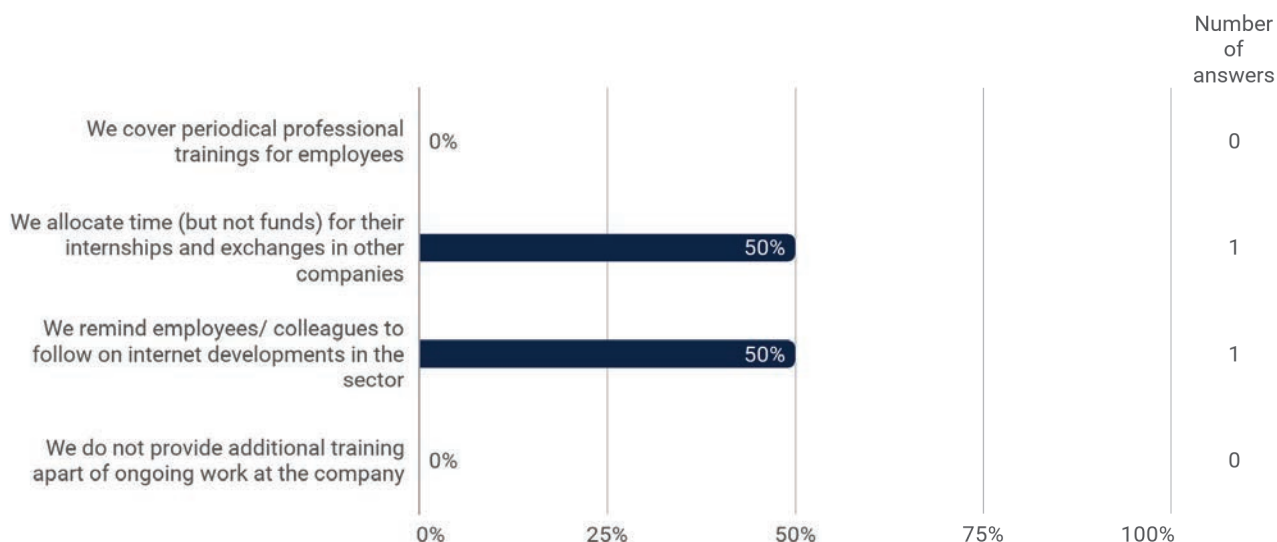
How do you assess or monitor the skills or competencies of your current or potential employee? - Other, please specify

What are the main skills or competencies that you look for or require from your current or potential employees?

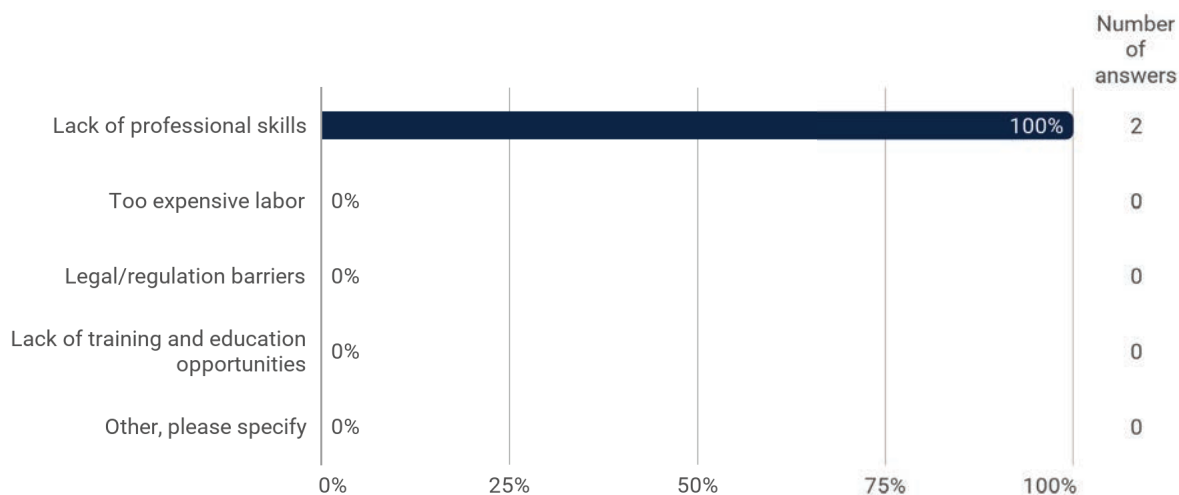


What are the main skills or competencies that you look for or require from your current or potential employees? - Other, please specify

How do you support or facilitate the development or improvement of skills or competencies of your current or potential employees?

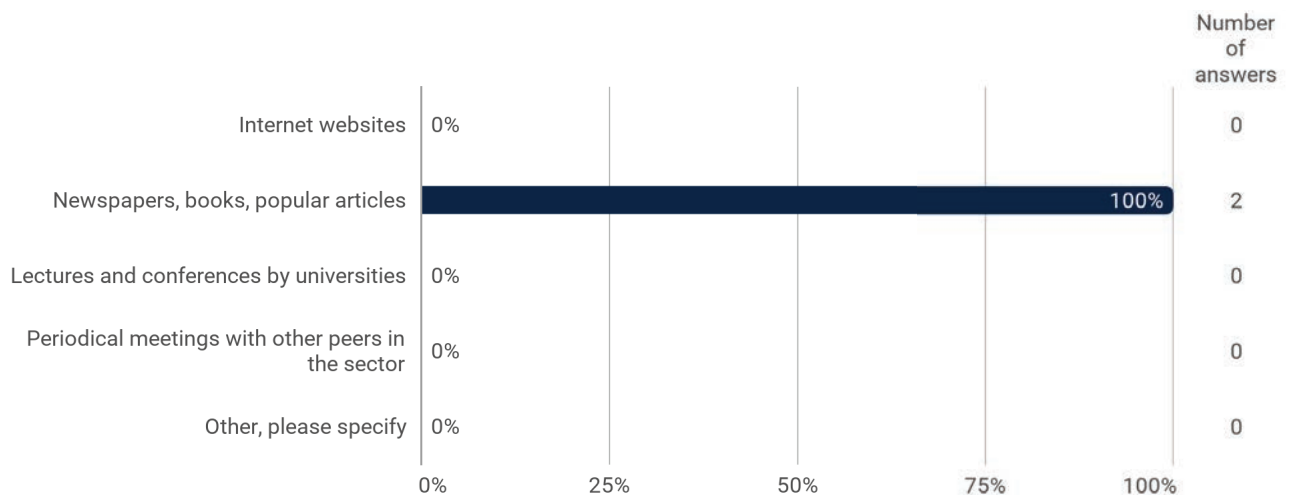


What are the main challenges or difficulties that you face or anticipate in finding, hiring, or retaining skilled or competent employees?



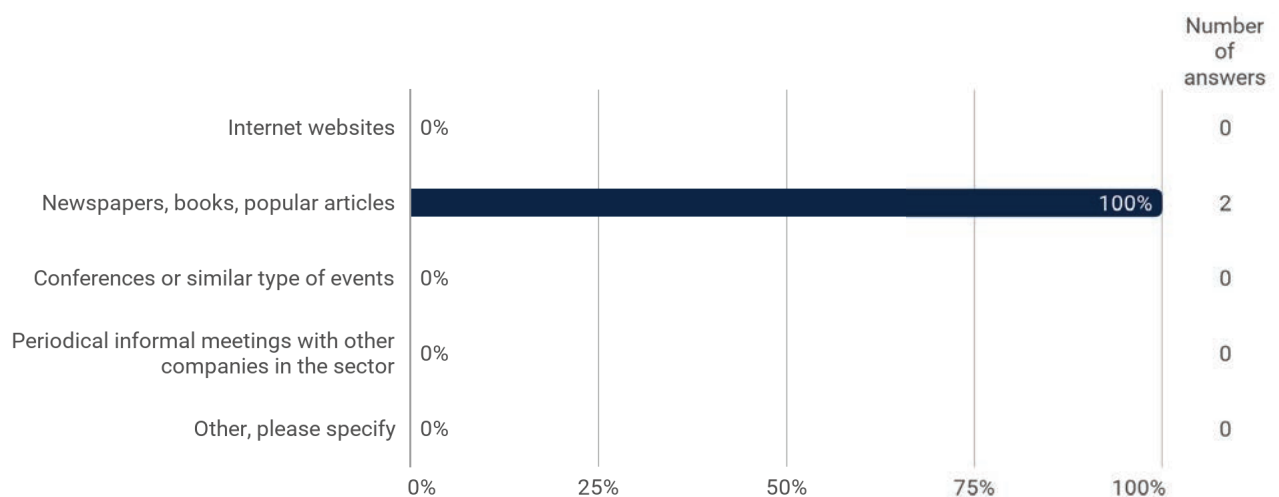
What are the main challenges or difficulties that you face or anticipate in finding, hiring, or retaining skilled or competent employees? - Other, please specify

What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics?



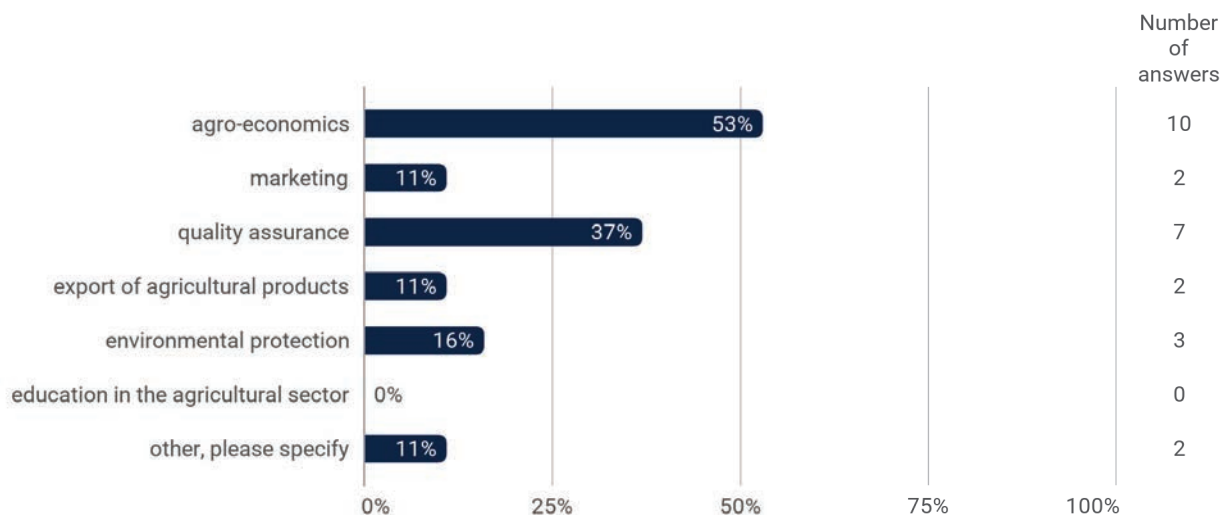
What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics? - Other, please specify

How do you collaborate or network with other agribusiness organizations or stakeholders in the sector?



How do you collaborate or network with other agribusiness organizations or stakeholders in the sector? - Other, please specify

What are the main policies or regulations that you implement or enforce in the agribusiness sector?

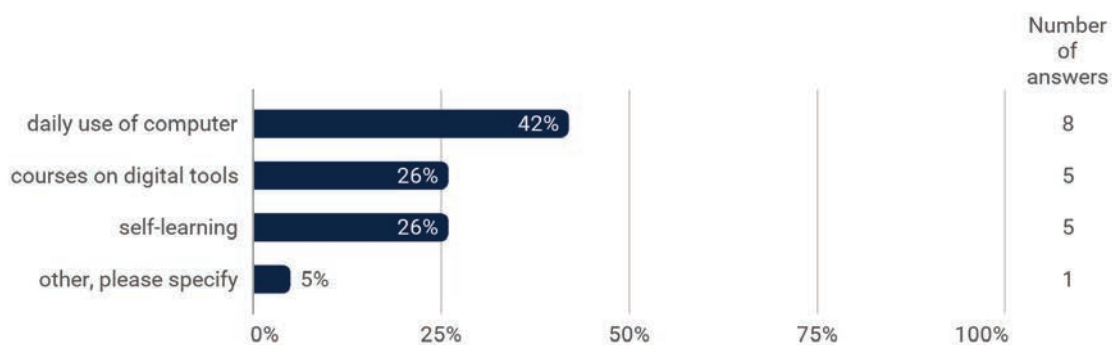


What are the main policies or regulations that you implement or enforce in the agribusiness sector?
- other, please specify

Soil & Environmental Research

Agricultural plant protection

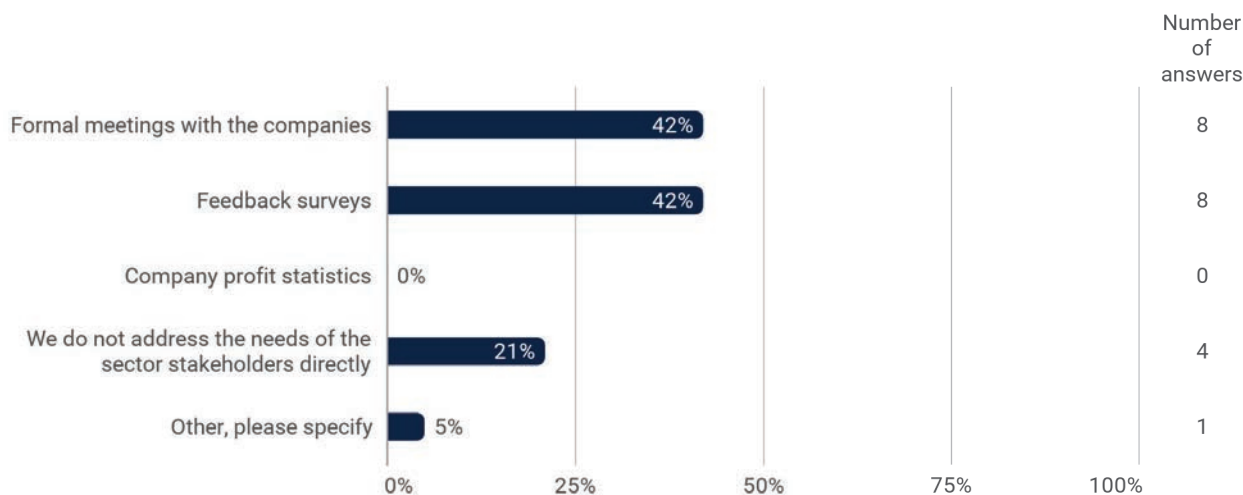
How do you use or promote digital technologies or tools in the agribusiness sector?



How do you use or promote digital technologies or tools in the agribusiness sector?
- other, please specify

Through on line marketing

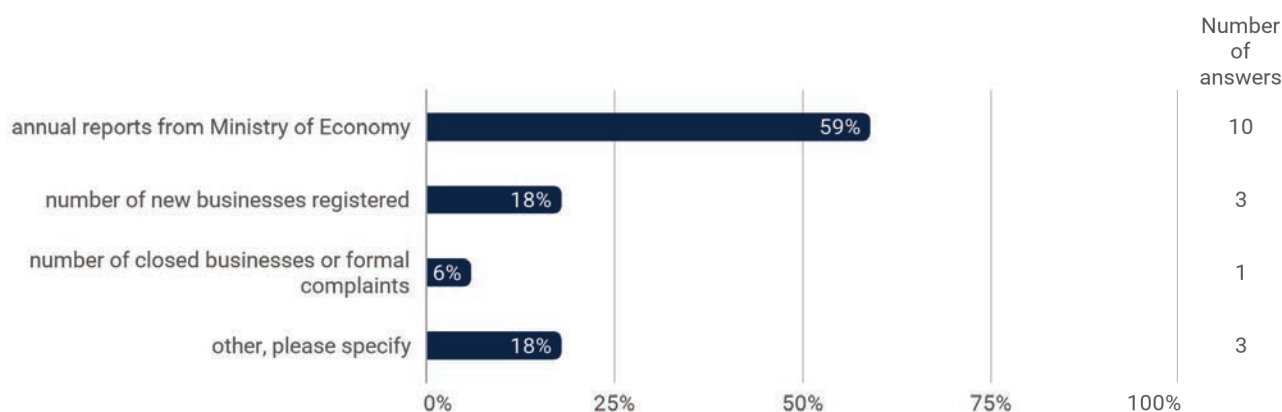
How do you address or balance the needs or interests of different stakeholders in the agribusiness sector, such as producers, consumers, investors, or environmentalists?



How do you address or balance the needs or interests of different stakeholders in the agribusiness sector, such as producers, consumers, investors, or environmentalists? - Other, please specify

NA

How do you monitor or evaluate the impact or effectiveness of your policies or regulations in the agribusiness sector?



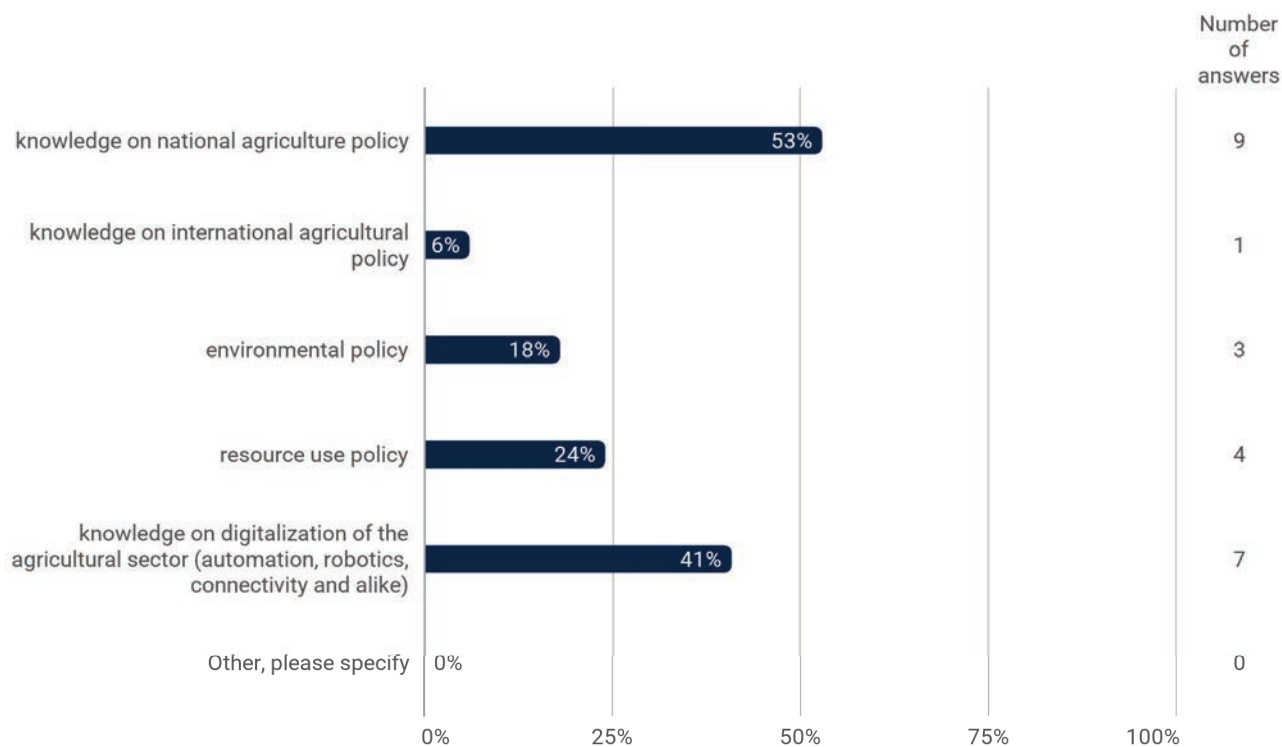
How do you monitor or evaluate the impact or effectiveness of your policies or regulations in the agribusiness sector?
- other, please specify

Survey

Annual stakeholders

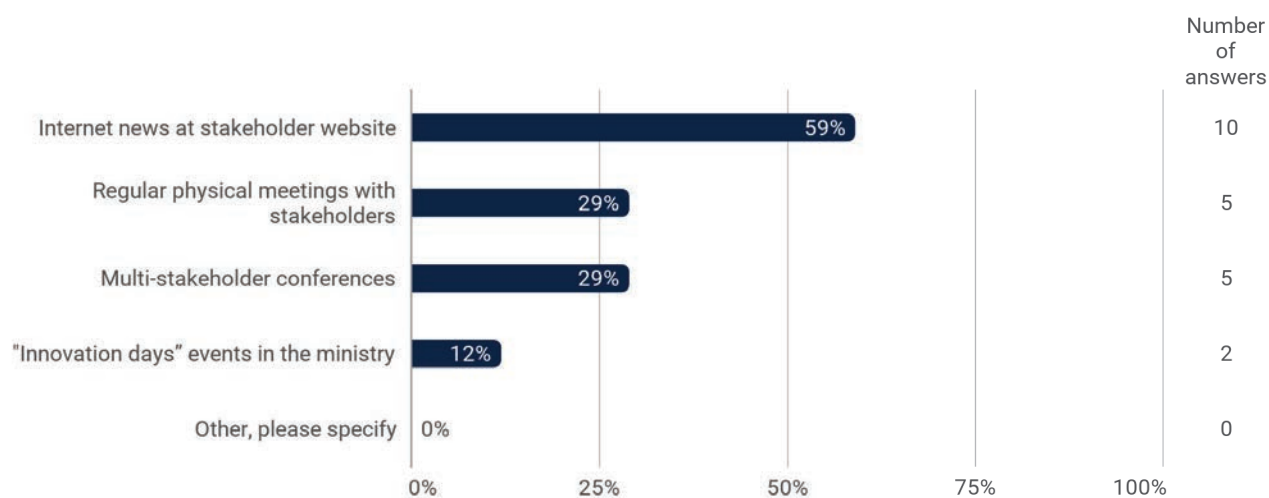
Advisory services

What are the main skills or competencies that you have or need to perform your role or function in the agribusiness sector?



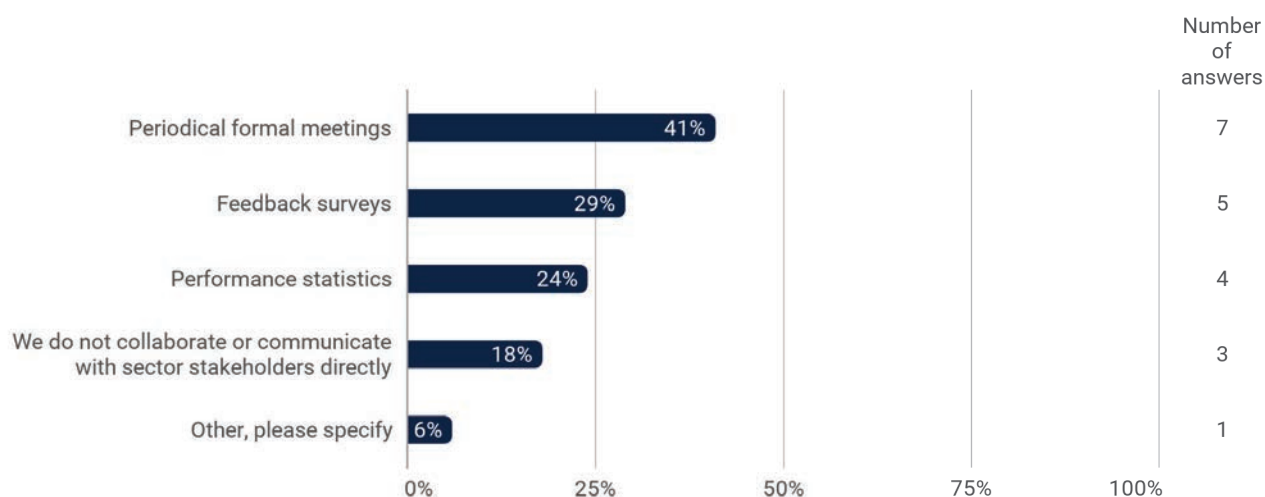
What are the main skills or competencies that you have or need to perform your role or function in the agribusiness sector?
- Other, please specify

How do you access or prefer to access information or training on agribusiness skills or topics?



How do you access or prefer to access information or training on agribusiness skills or topics?
 - Other, please specify

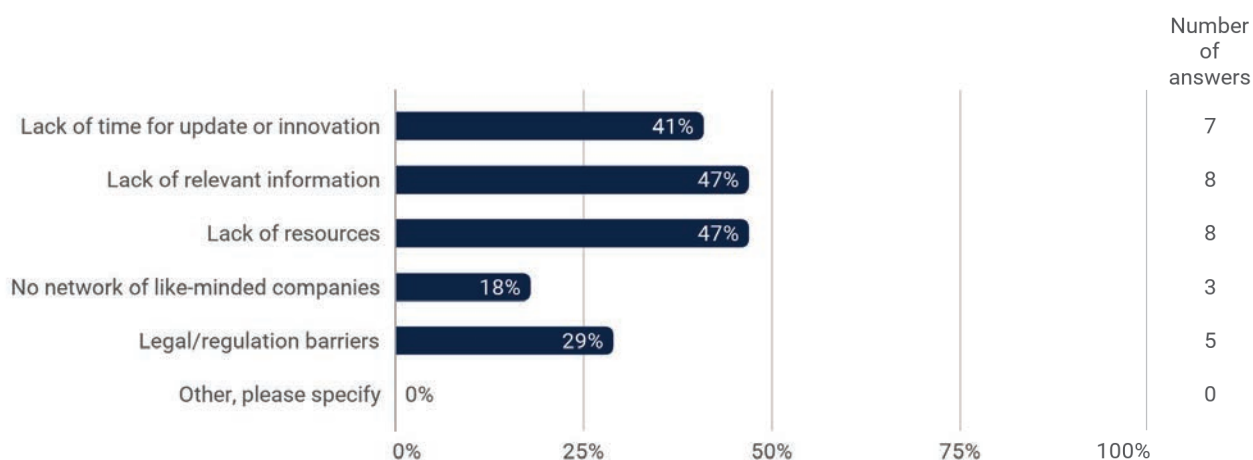
How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as industry associations, civil society organizations, or international agencies?



How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as industry associations, civil society organizations, or international agencies?
 - Other, please specify

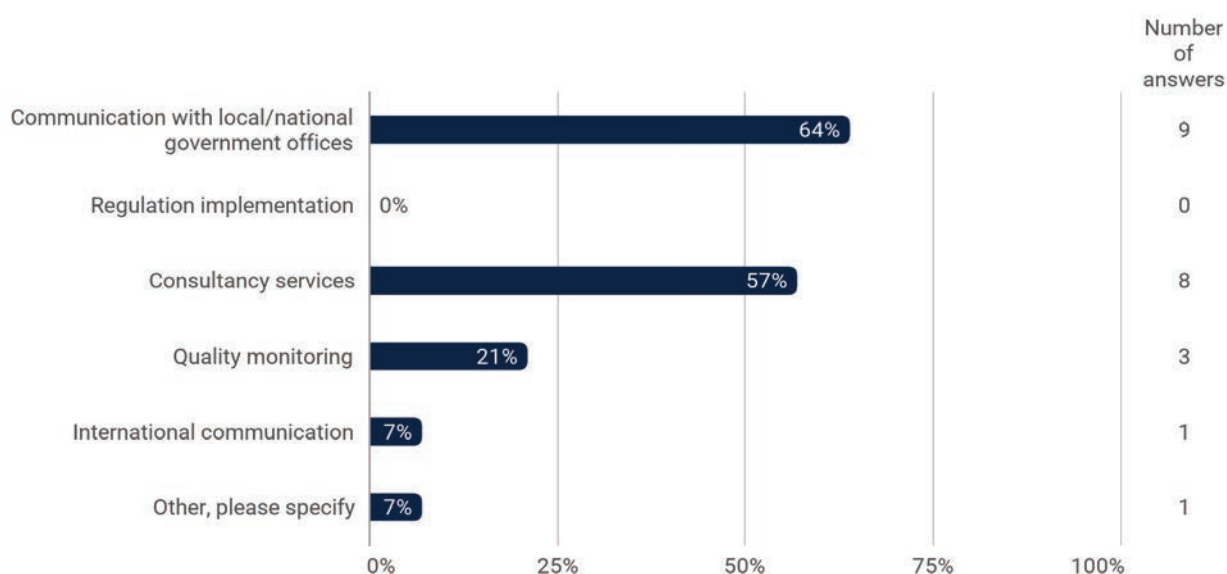
Not relevant with me

What are the main challenges that you face or anticipate in implementing or improving your policies or regulations in the agribusiness sector?



What are the main challenges that you face or anticipate in implementing or improving your policies or regulations in the agribusiness sector?
- Other, please specify

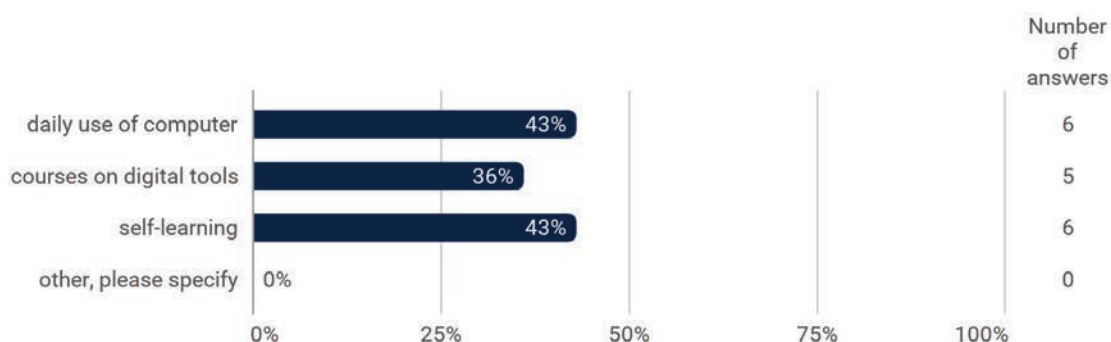
What are the main services or advice that you provide or offer to the agribusiness sector?



What are the main services or advice that you provide or offer to the agribusiness sector?
- Other, please specify

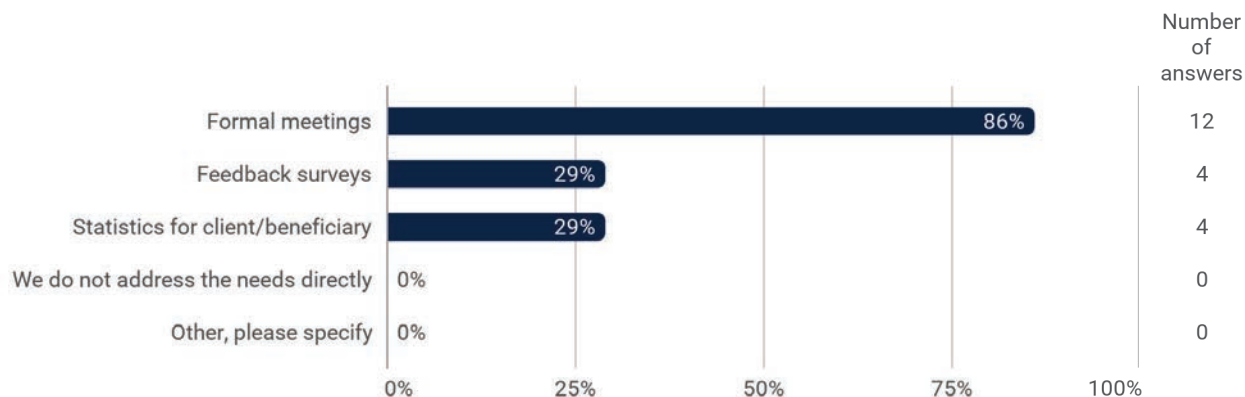
sell fresh pineapple and pineapple juice

How do you use or recommend digital technologies or tools in the agribusiness sector?



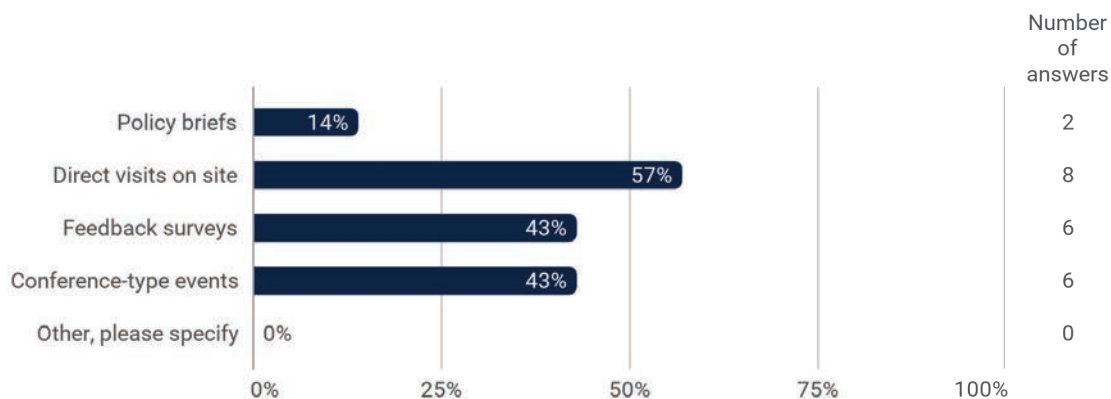
How do you use or recommend digital technologies or tools in the agribusiness sector?
- other, please specify

How do you assess or understand the needs or problems of your clients or beneficiaries in the agribusiness sector?



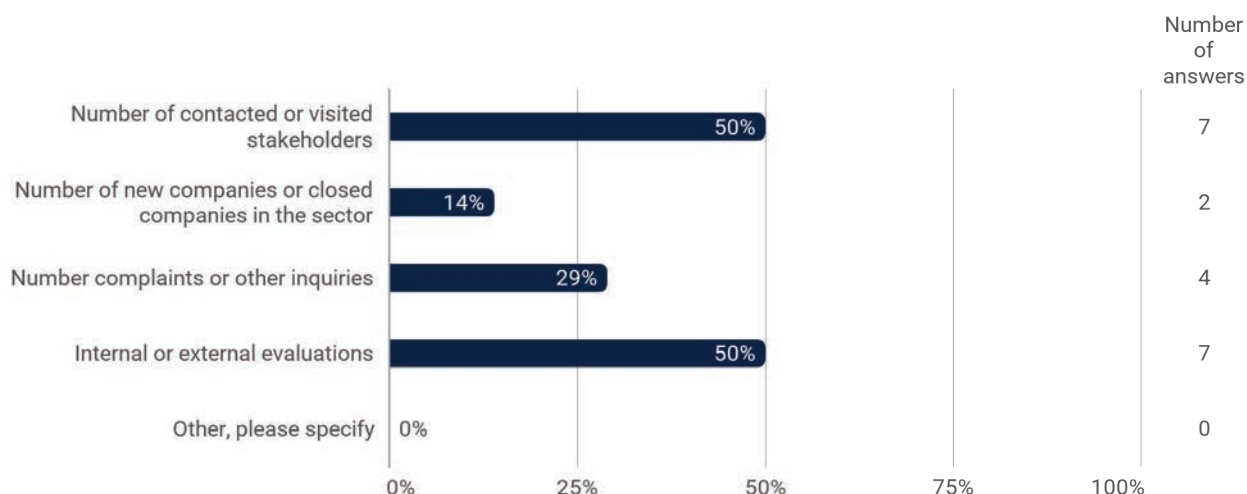
How do you assess or understand the needs or problems of your clients or beneficiaries in the agribusiness sector?
- Other, please specify

How do you deliver or disseminate your services or advice to your clients or beneficiaries in the agribusiness sector?



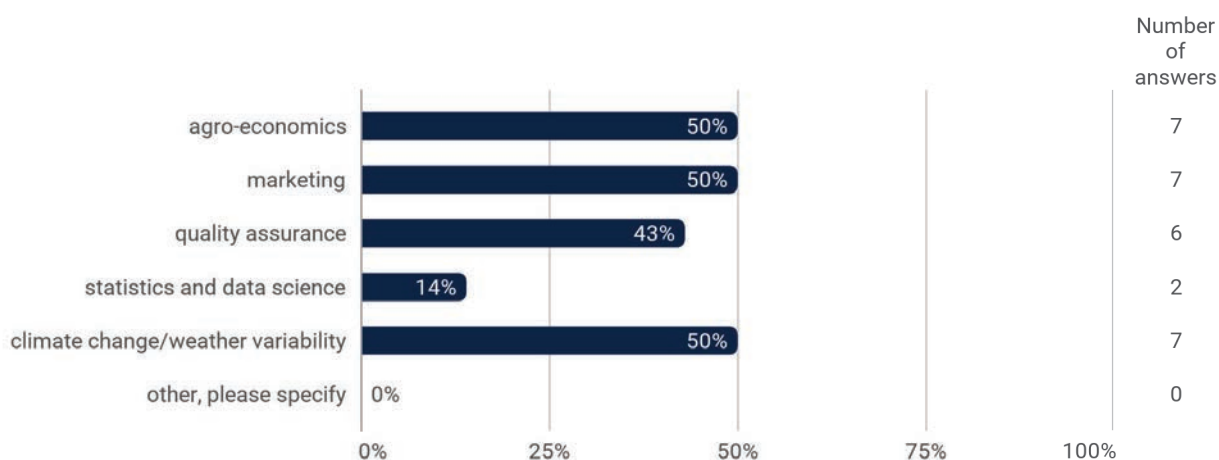
How do you deliver or disseminate your services or advice to your clients or beneficiaries in the agribusiness sector?
- Other, please specify

How do you measure or demonstrate the value or impact of your services or advice in the agribusiness sector?



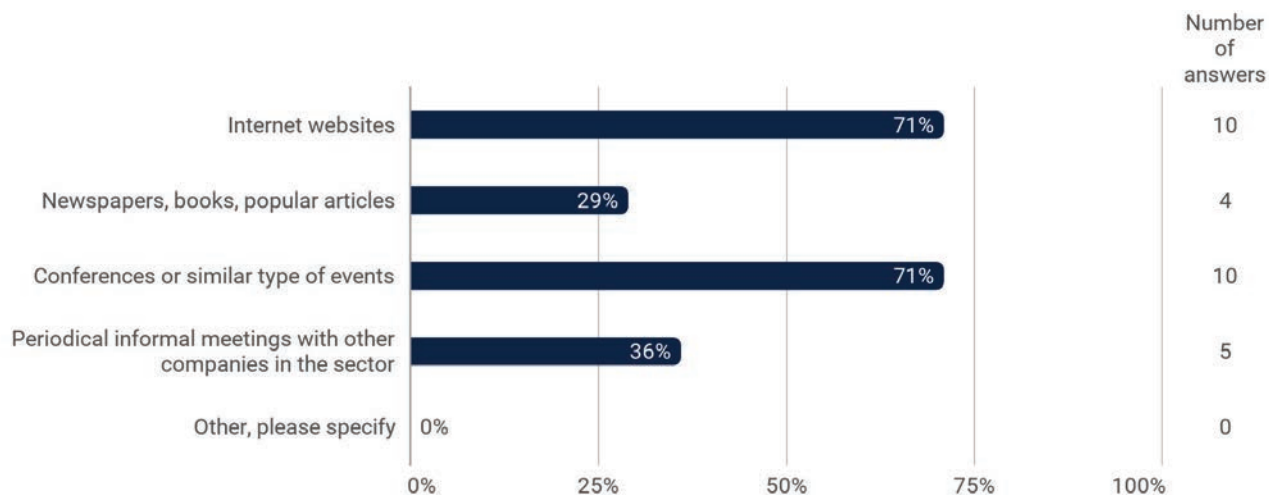
How do you measure or demonstrate the value or impact of your services or advice in the agribusiness sector?
 - Other, please specify

What are the main skills or competencies that you have or need to provide or improve your services or advice in the agribusiness sector?



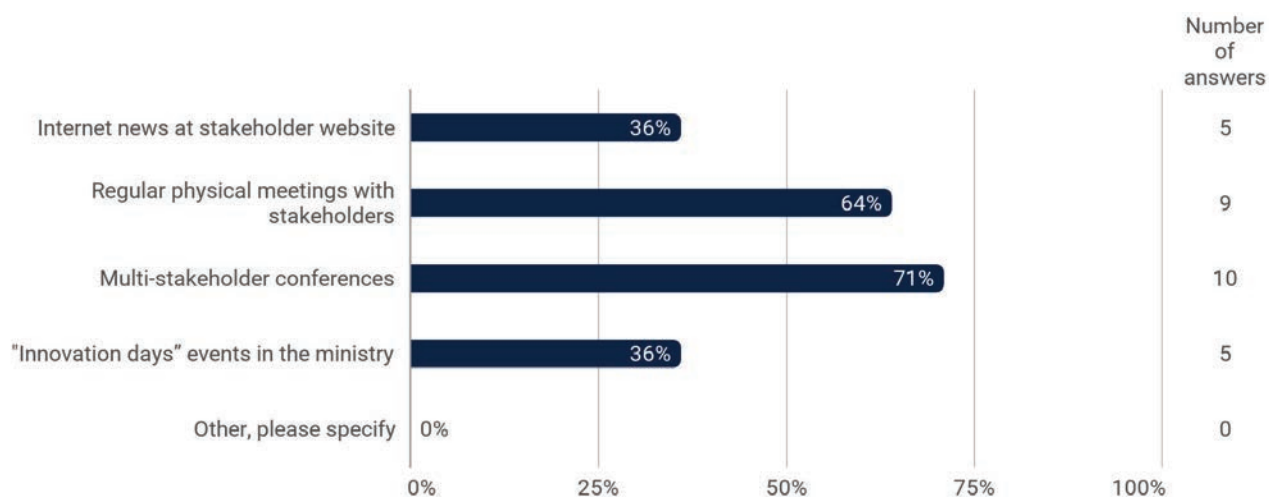
What are the main skills or competencies that you have or need to provide or improve your services or advice in the agribusiness sector?
 - other, please specify

How do you access or prefer to access information or training on agribusiness skills or topics?



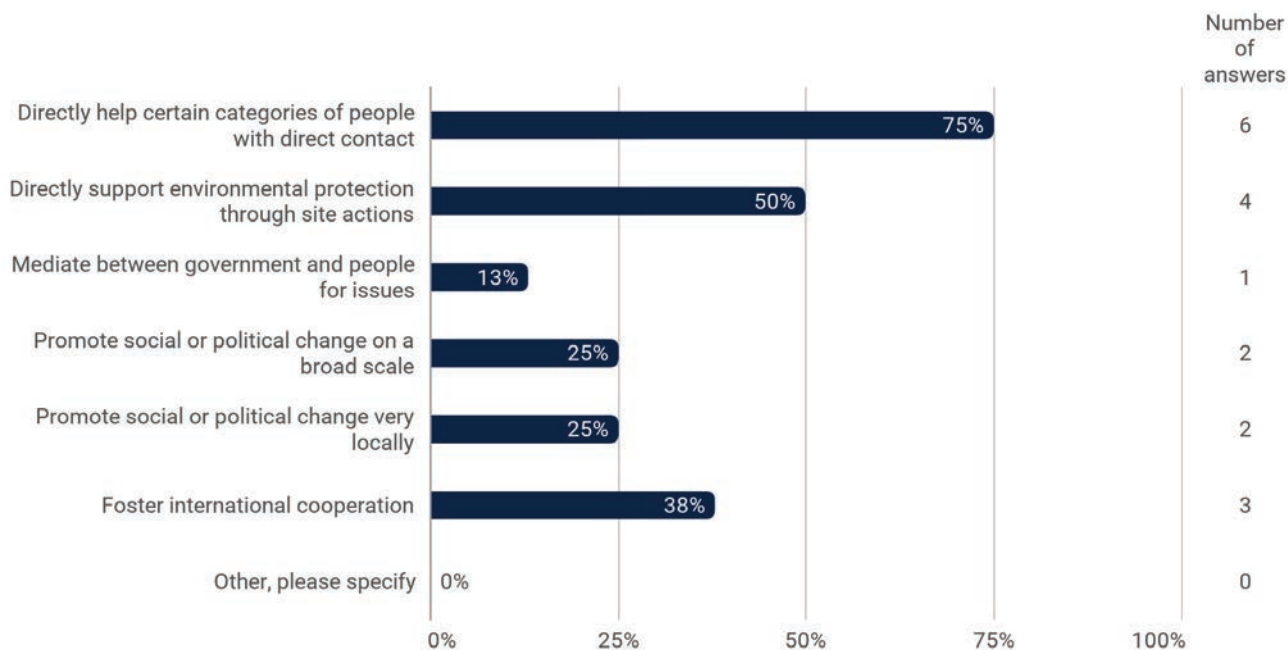
How do you access or prefer to access information or training on agribusiness skills or topics?
 - Other, please specify

How do you collaborate or network with other stakeholders in the agribusiness sector, such as researchers, educators, or policy makers?



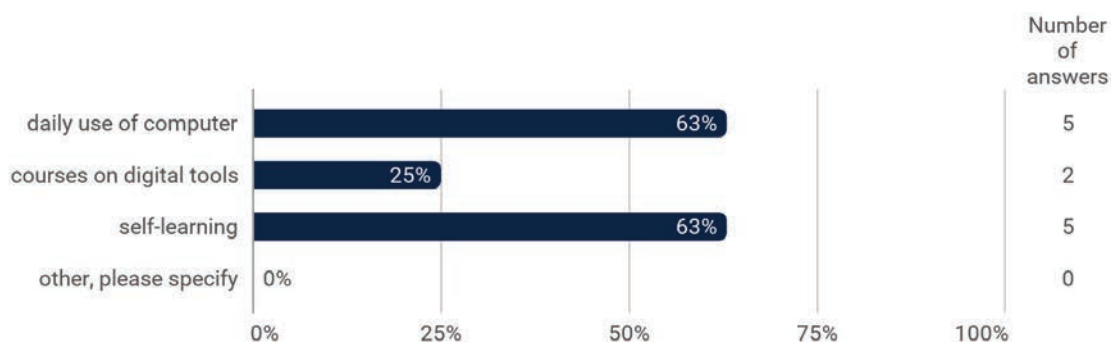
How do you collaborate or network with other stakeholders in the agribusiness sector, such as researchers, educators, or policy makers?
 - Other, please specify

What are the main goals or missions of your NGO in the agribusiness sector?



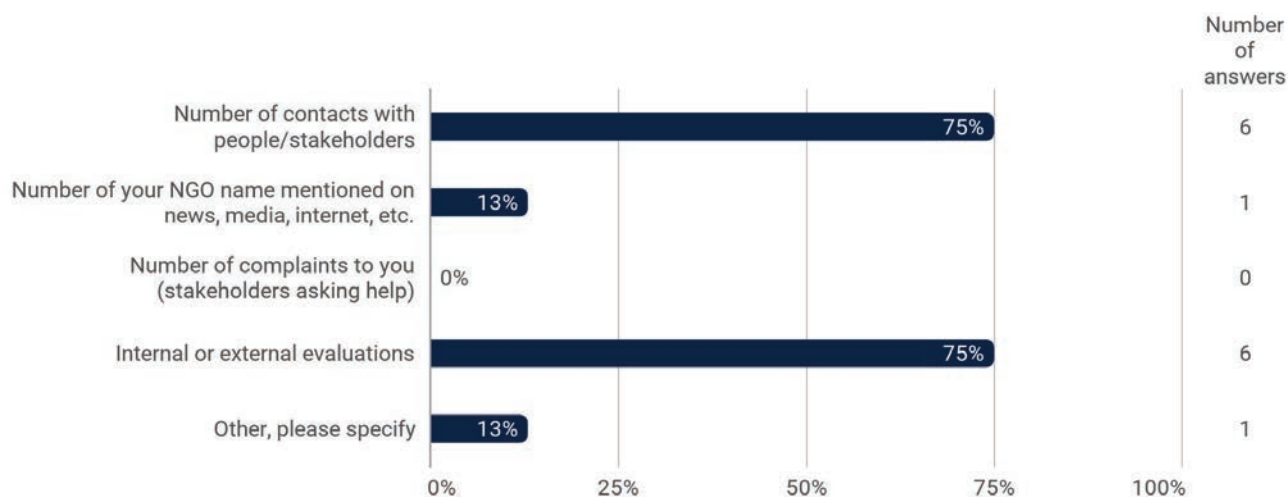
What are the main goals or missions of your NGO in the agribusiness sector?
- Other, please specify

How do you implement or support digital technologies or tools in your agribusiness projects or activities?



How do you implement or support digital technologies or tools in your agribusiness projects or activities?
- other, please specify

How do you evaluate or demonstrate the impact or effectiveness of your agribusiness projects or activities?

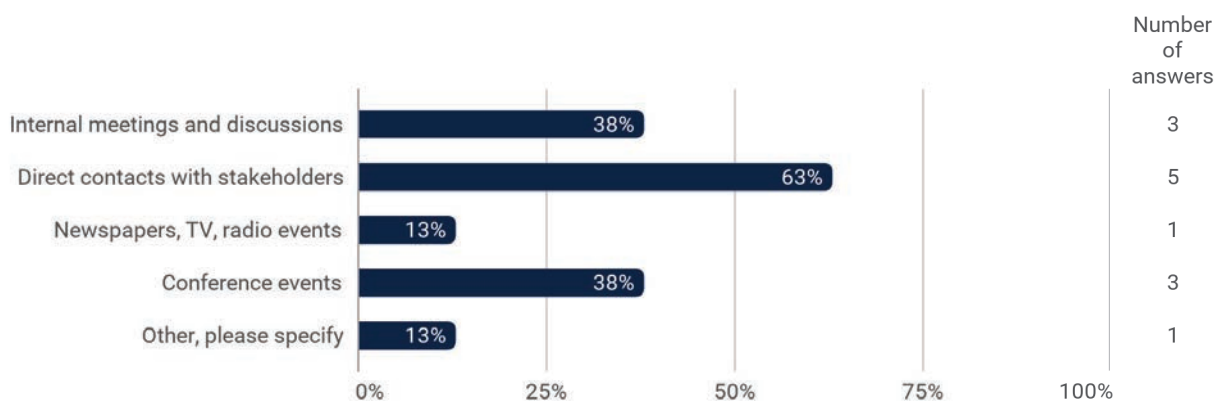


How do you evaluate or demonstrate the impact or effectiveness of your agribusiness projects or activities?

- Other, please specify

Outcome study

How do you collaborate or coordinate with other stakeholders in the agribusiness sector, such as farmers, businesses, policy makers, or consumers?

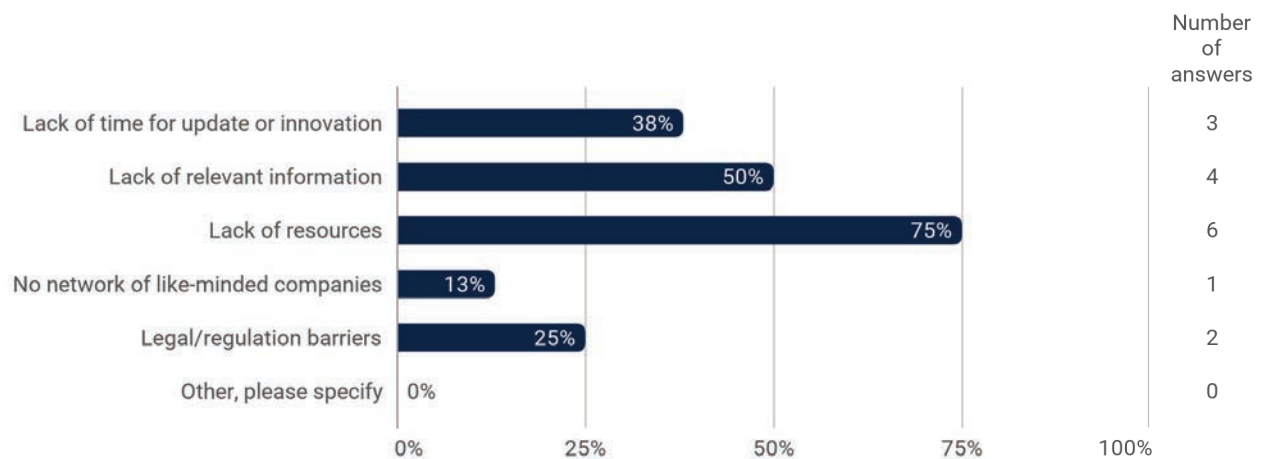


How do you collaborate or coordinate with other stakeholders in the agribusiness sector, such as farmers, businesses, policy makers, or consumers?

- Other, please specify

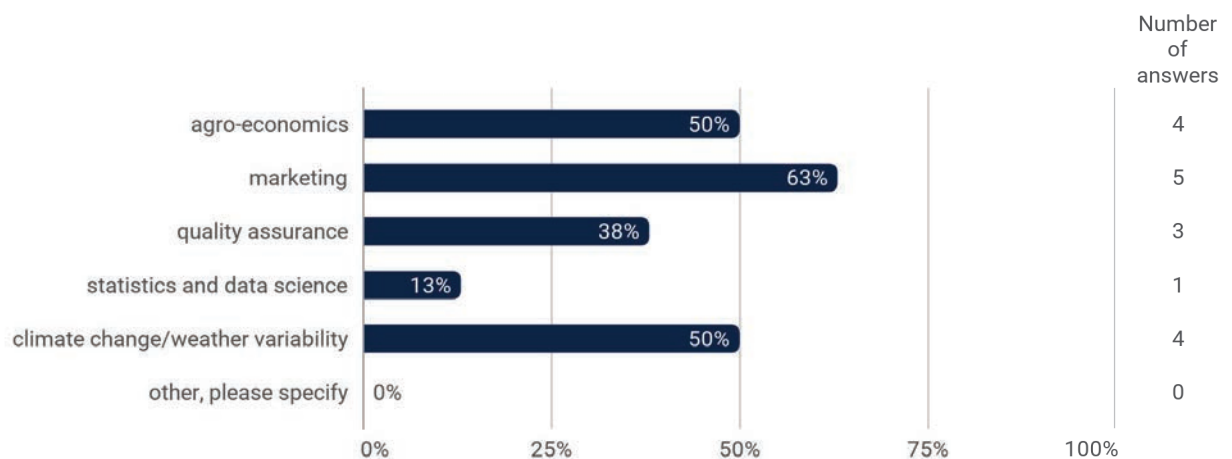
Social media

What are the main challenges that you face or foresee in advancing or improving your agribusiness projects or activities?



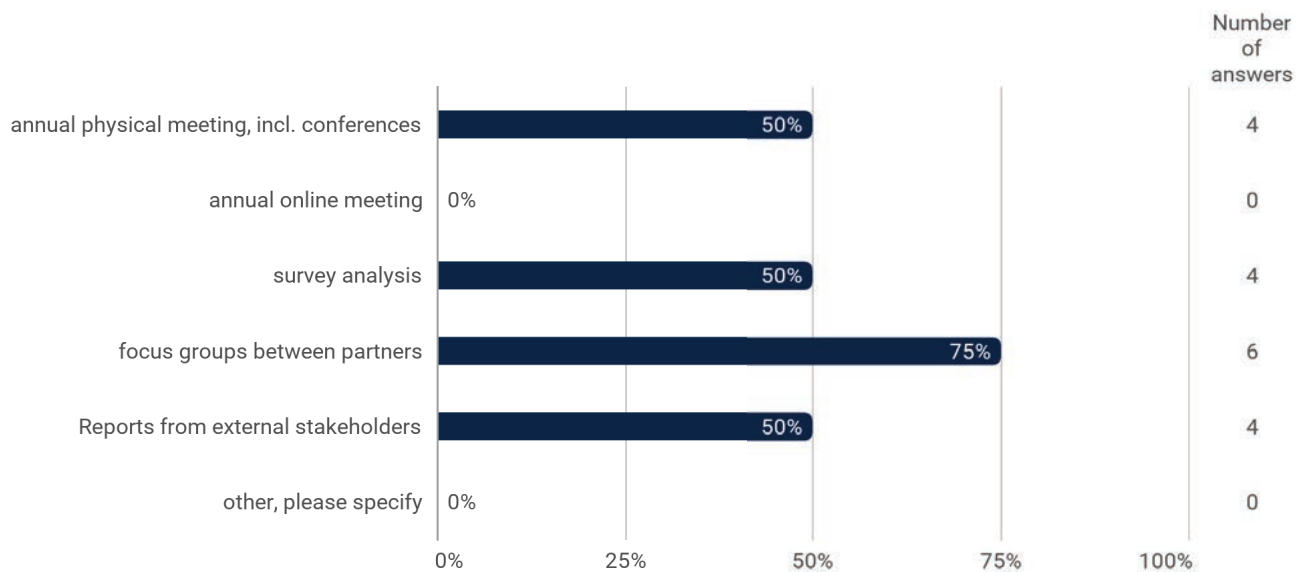
What are the main challenges that you face or foresee in advancing or improving your agribusiness projects or activities?
 - Other, please specify

What are the main skills or competencies that you have or need to enhance your performance and productivity in your agribusiness projects or activities?



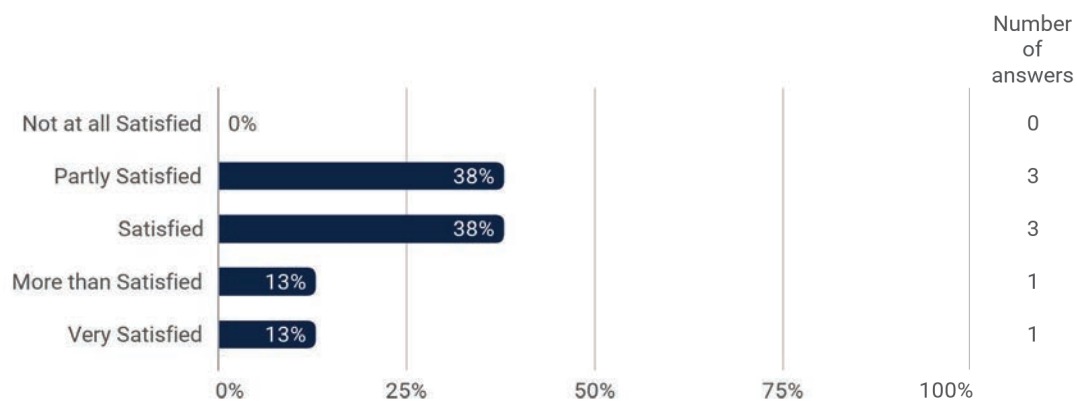
What are the main skills or competencies that you have or need to enhance your performance and productivity in your agribusiness projects or activities?
 - other, please specify

How do you access or prefer to access information or training on agribusiness skills or topics?

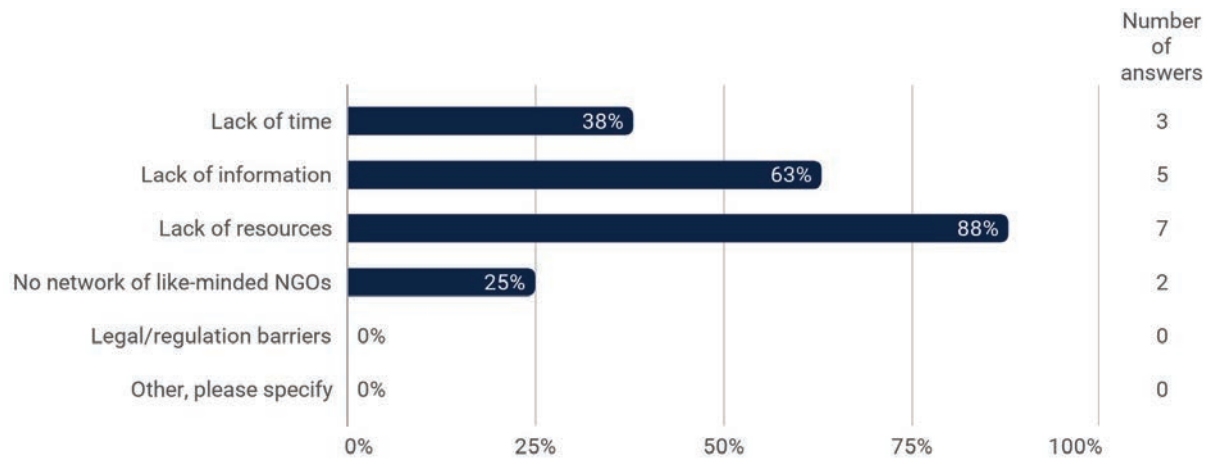


How do you access or prefer to access information or training on agribusiness skills or topics?
- other, please specify

How satisfied are you with the quality and relevance of the information or training that you have received or accessed on agribusiness skills or topics?

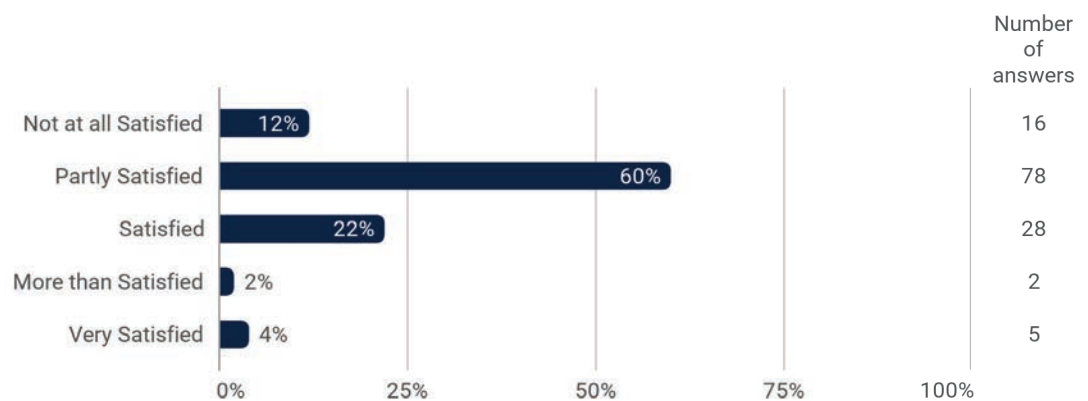


What are the barriers that affect your participation or engagement in information or training on agribusiness skills or topics?

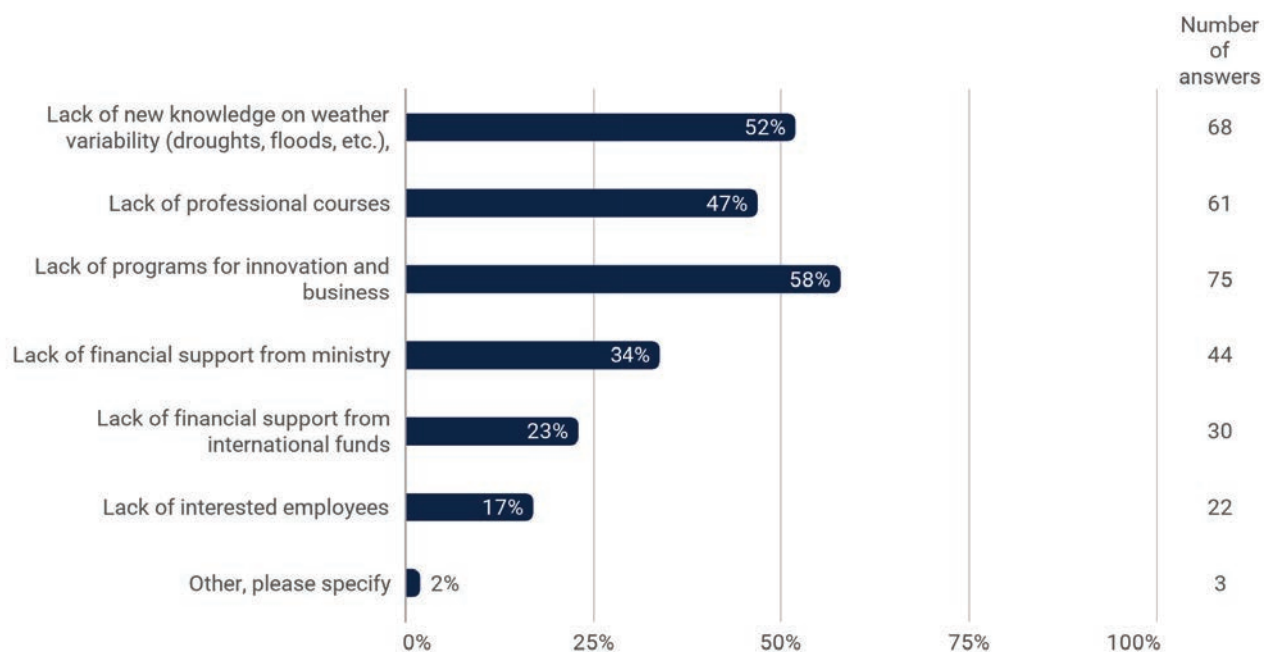


What are the barriers that affect your participation or engagement in information or training on agribusiness skills or topics?
 - Other, please specify

How satisfied are you with the current state of the agribusiness sector in your country?



What are the main challenges that you face or foresee in the agribusiness sector?



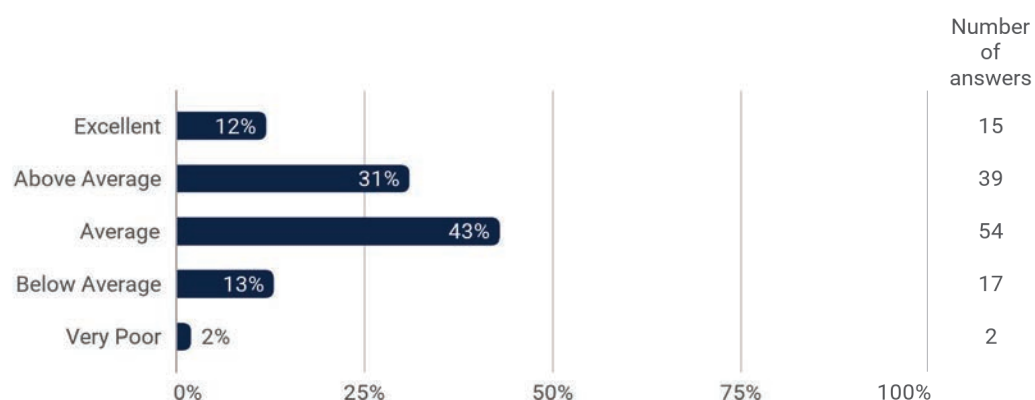
What are the main challenges that you face or foresee in the agribusiness sector?
- Other, please specify

Lack of sincerity and presence of go-between

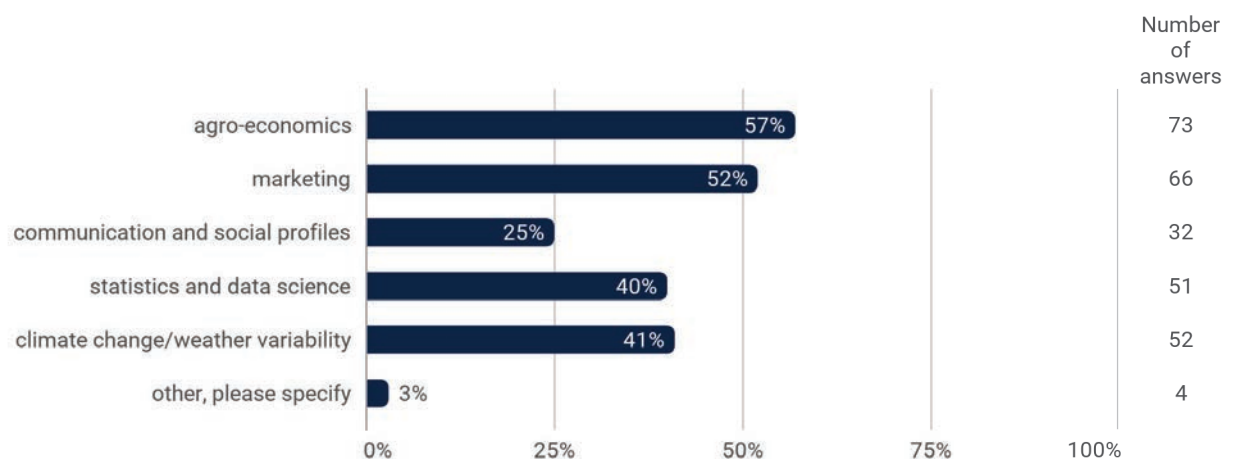
Lack of market

Lack of education for producers

How do you rate your own skills or competencies in agribusiness management, climate-smart agriculture, or other relevant areas?



What are the most important skills or competencies that you would like to improve or acquire in the agribusiness sector?



What are the most important skills or competencies that you would like to improve or acquire in the agribusiness sector?
- other, please specify

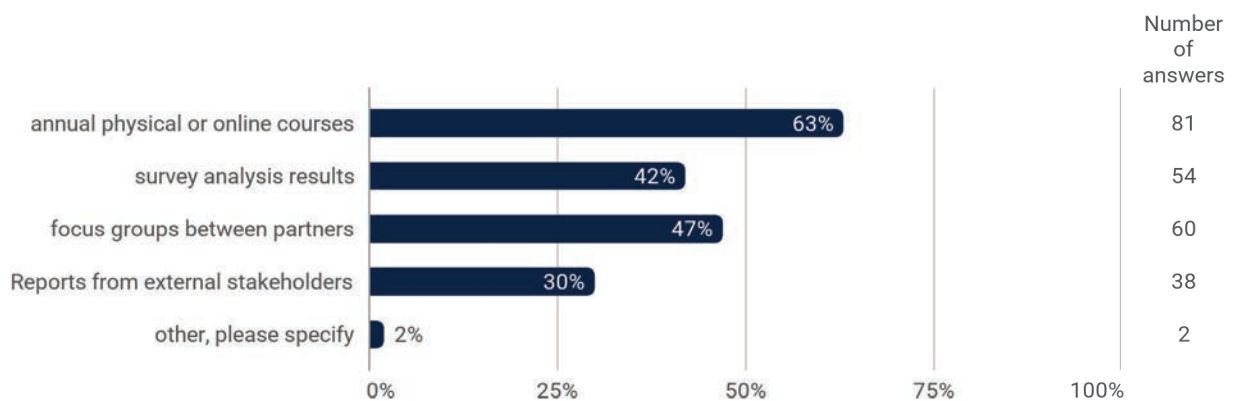
Soil health

Industry

Incubation of entrepreneurship

Food analysis

How do you prefer to learn or update your skills or knowledge in the agribusiness sector?

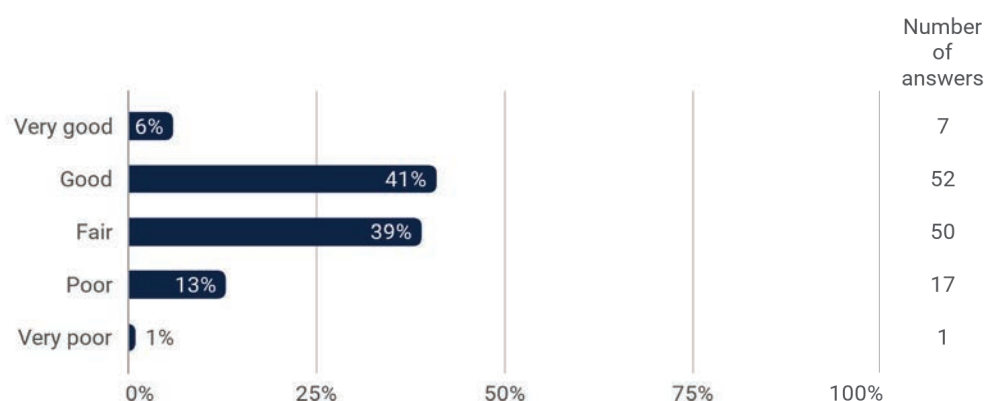


How do you prefer to learn or update your skills or knowledge in the agribusiness sector? - other, please specify

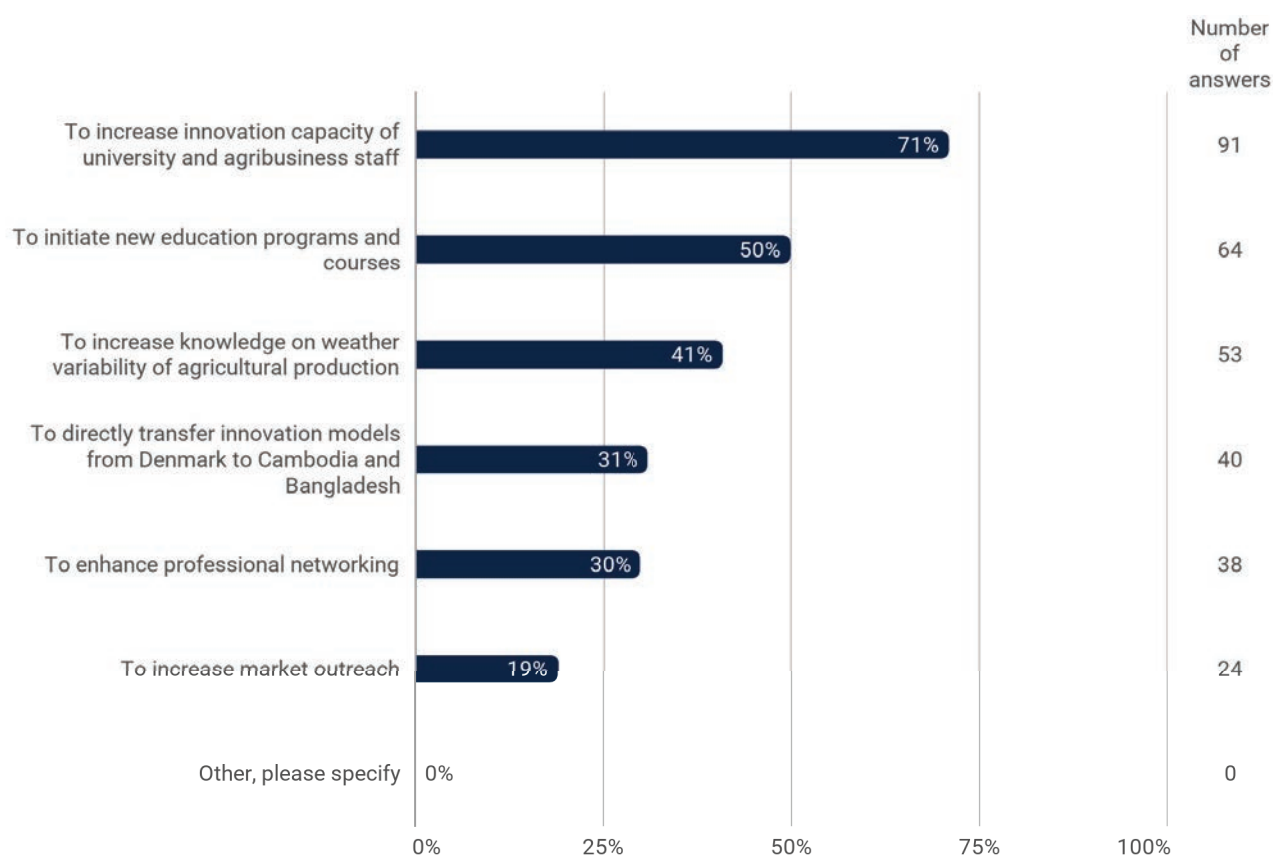
Soil health and crop production

Self moduled high level courses

How do you assess the quality and relevance of the existing education or training programs in the agribusiness sector?

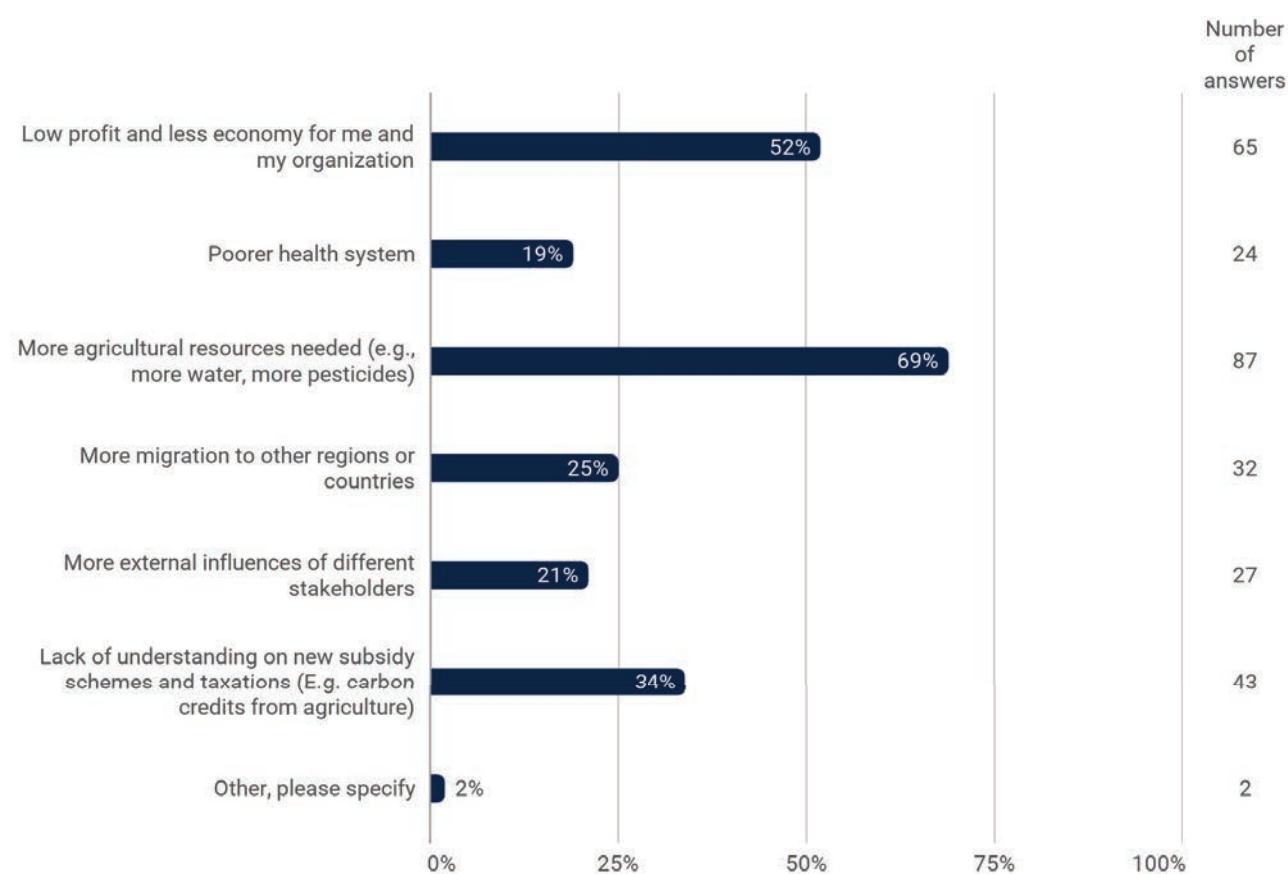


What are your expectations or suggestions for the ALIGNING project and its outputs?



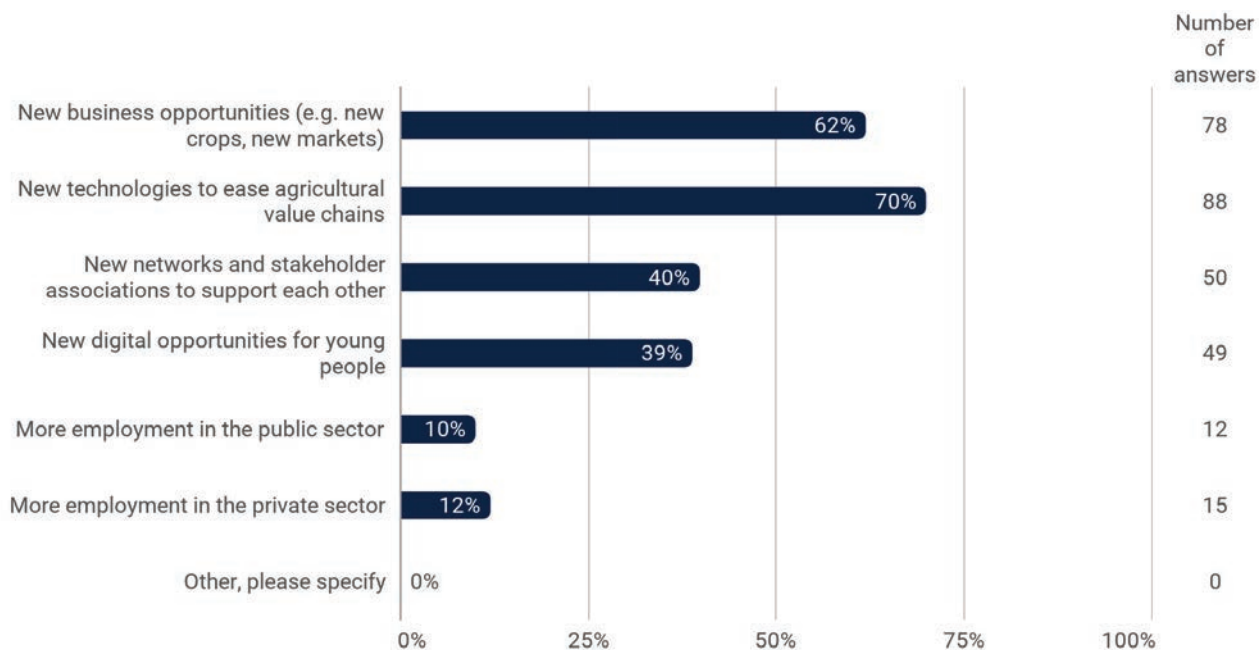
What are your expectations or suggestions for the ALIGNING project and its outputs?
- Other, please specify

What are the main challenges or risks that you face or anticipate due to climate change?



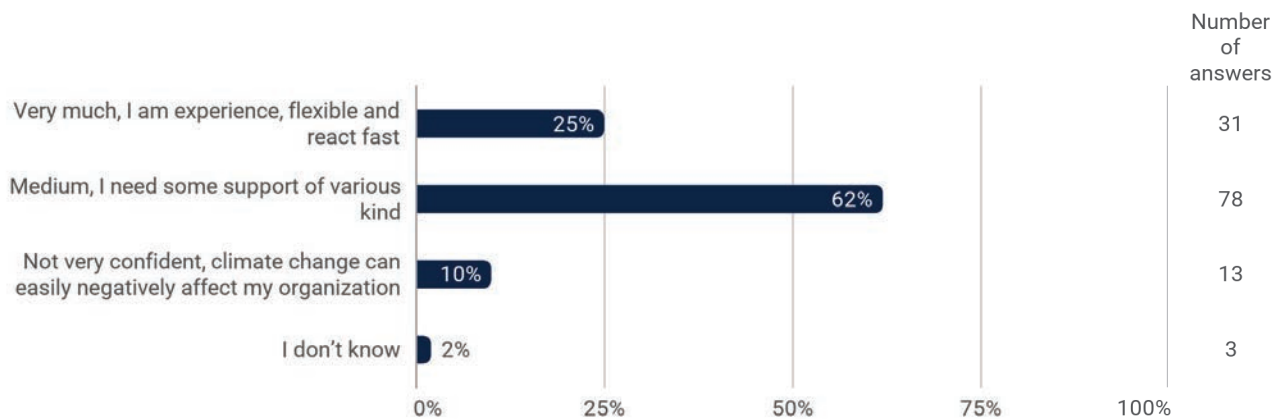
| |
|---|
| What are the main challenges or risks that you face or anticipate due to climate change? - Other, please specify |
| Understanding and choosing more suitable technology |
| Crop production reduced |

What are the main opportunities or benefits that you see or expect from climate change?

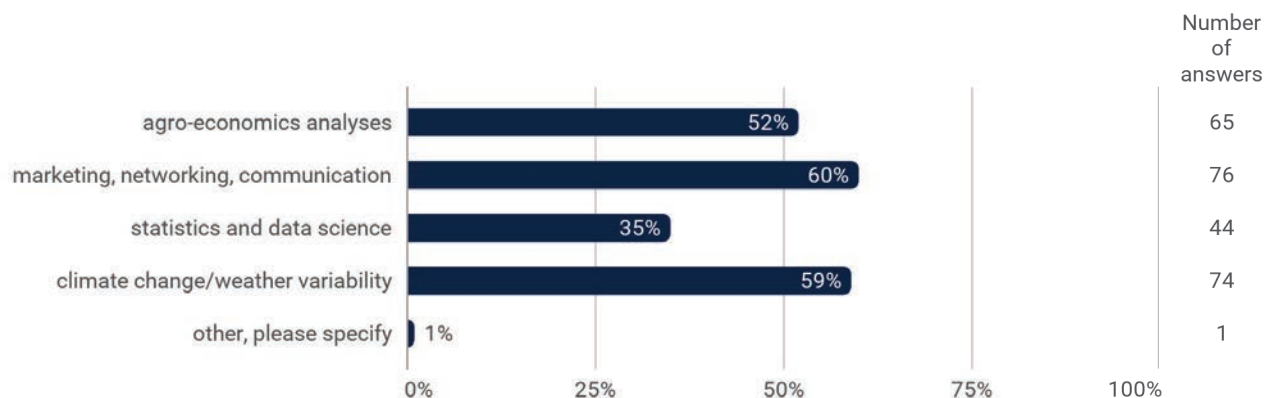


What are the main opportunities or benefits that you see or expect from climate change?
- Other, please specify

How confident are you in your ability to adapt to climate change?



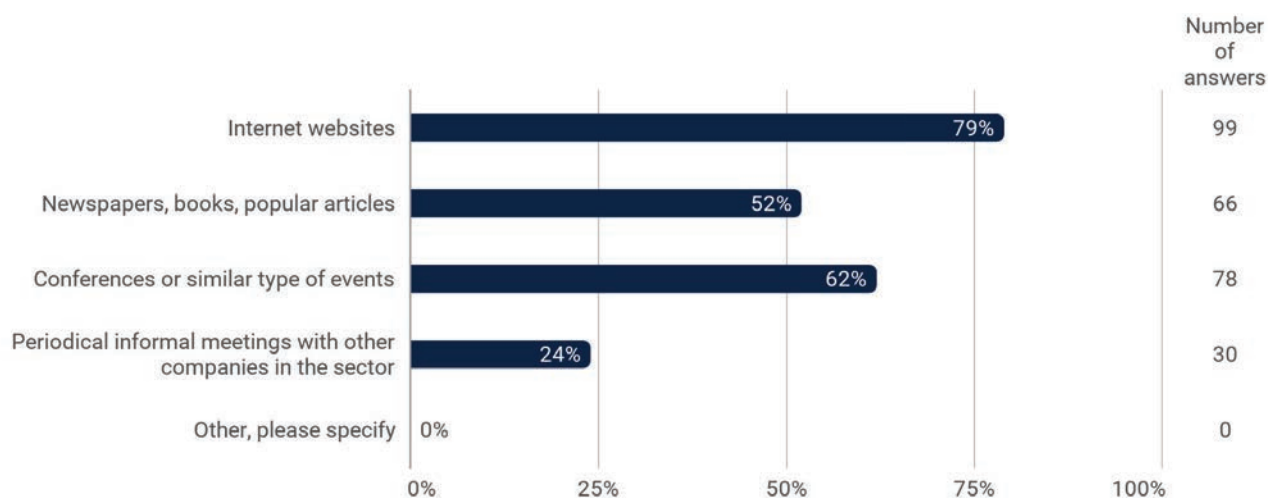
What skills or knowledge do you need to improve your resilience and productivity in the face of climate change?



What skills or knowledge do you need to improve your resilience and productivity in the face of climate change?
 - other, please specify

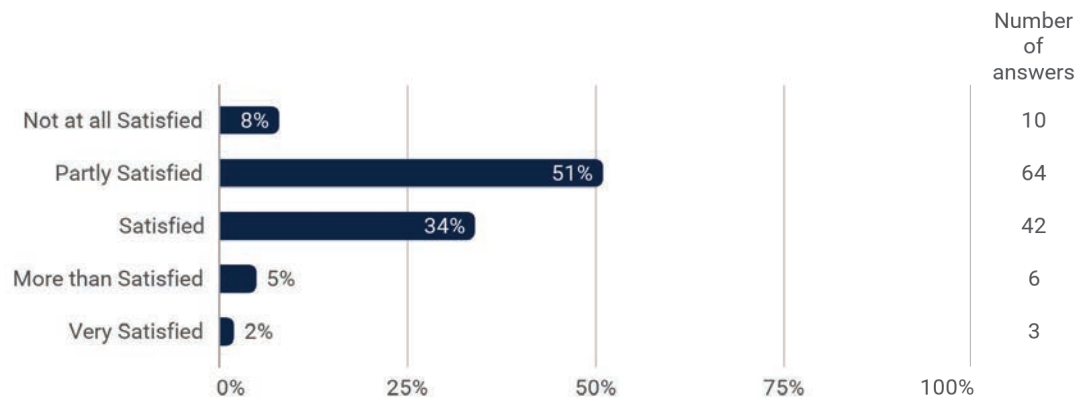
Soil health and biodiversity

What are the sources or channels that you use or prefer to access information or training on climate change and agriculture?

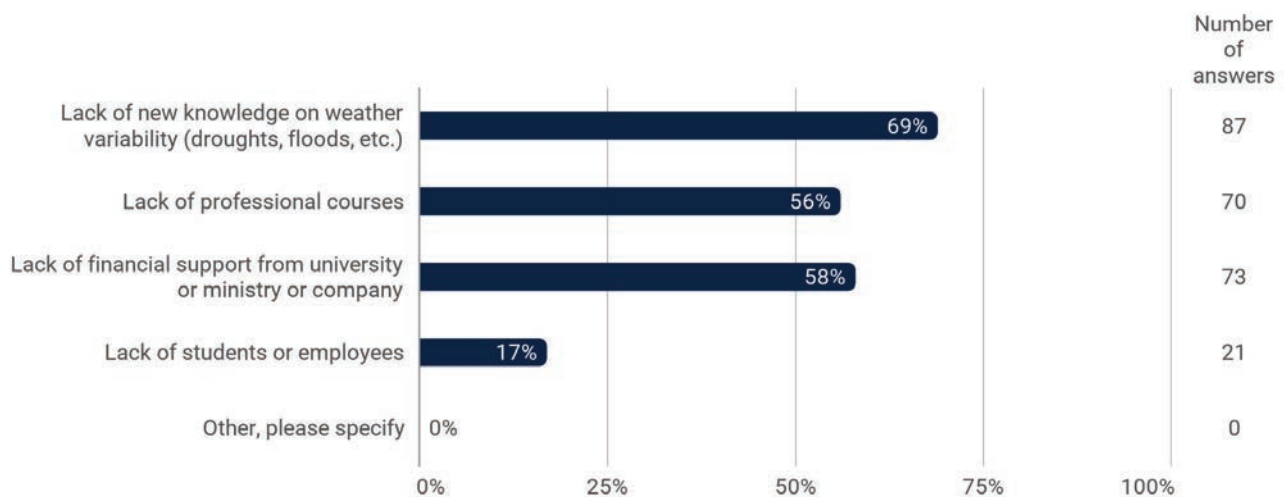


What are the sources or channels that you use or prefer to access information or training on climate change and agriculture?
 - Other, please specify

How satisfied are you with the quality and relevance of the information or training that you have received or accessed on climate change weather variability and agriculture?

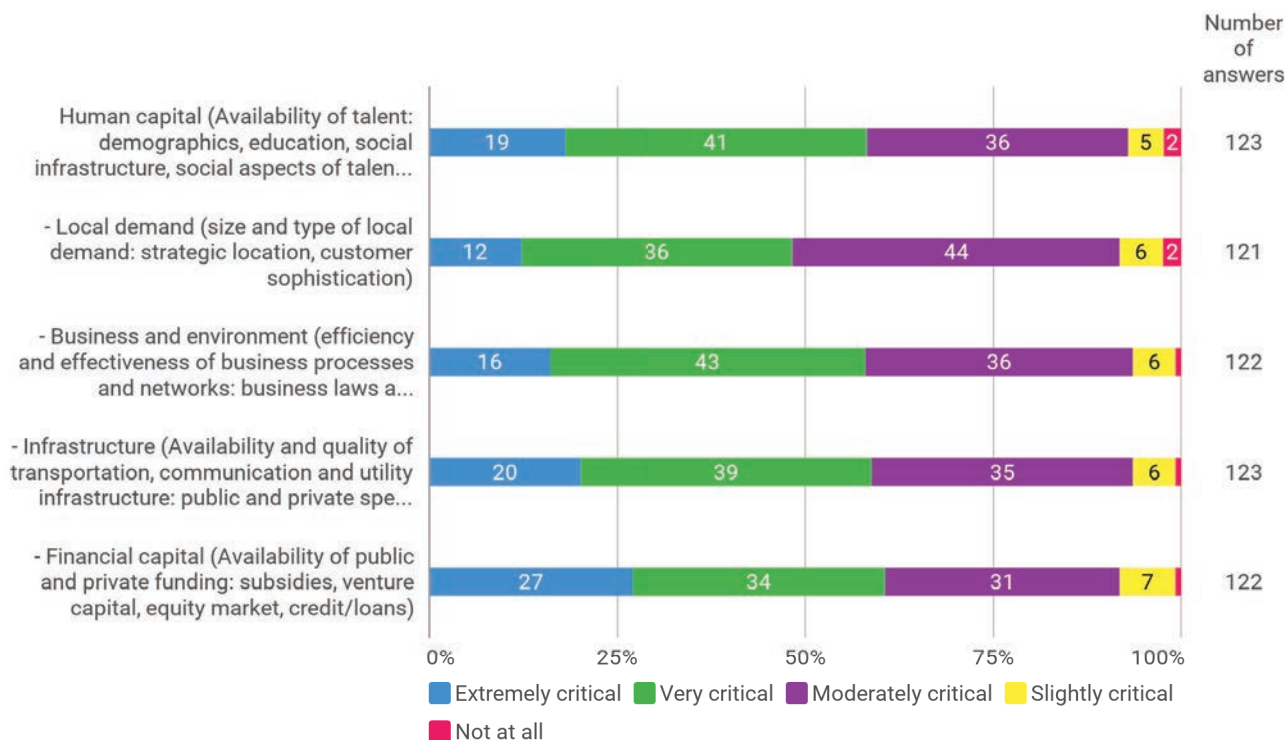


What are the barriers that affect your adoption or implementation of climate-smart agricultural practices or technologies?

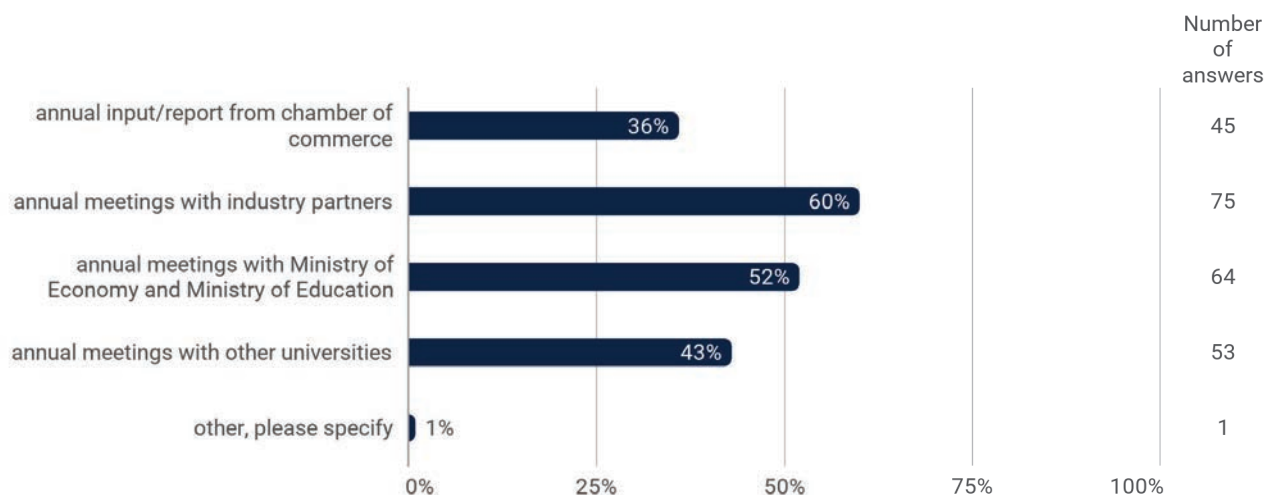


What are the barriers that affect your adoption or implementation of climate-smart agricultural practices or technologies?
 - Other, please specify

What attributes are critical to establish an innovation cluster for universities?



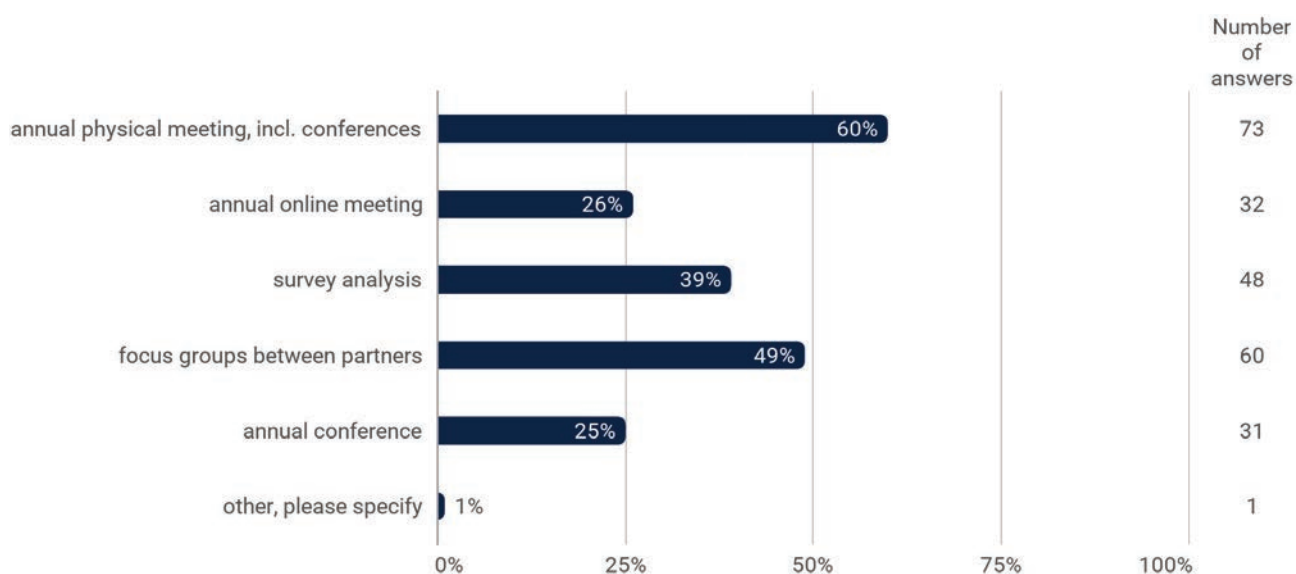
How to align or match agri-education or training program or course with needs or demands of the agribusiness sector or employers?



How to align or match agri-education or training program or course with needs or demands of the agribusiness sector or employers?
- other, please specify

Regular info channel

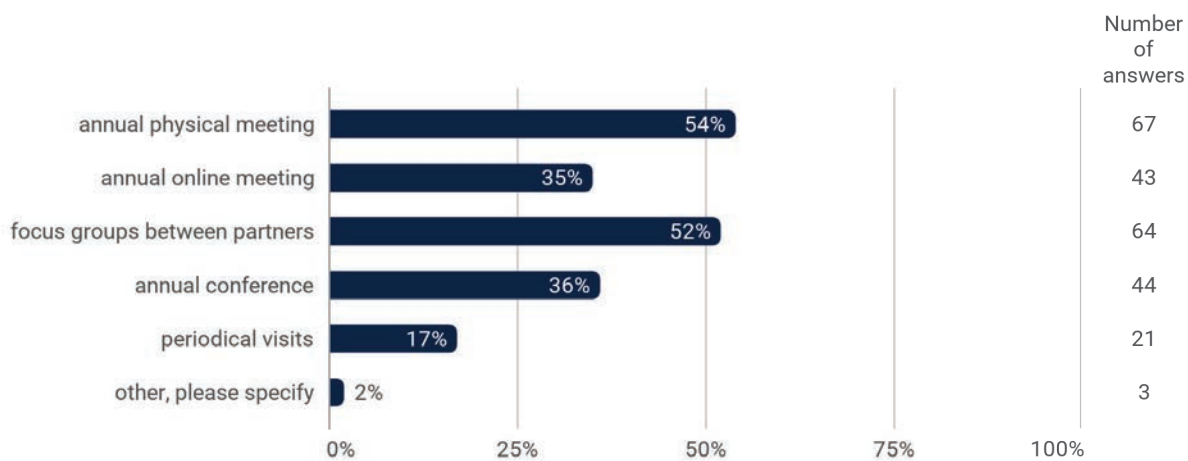
Which is the best way to gather feedback or suggestions from partners?



Which is the best way to gather feedback or suggestions from partners?
- other, please specify

Expert panel discussion

How do you collaborate or network with other agribusiness educators or trainers in the sector?



How do you collaborate or network with other agribusiness educators or trainers in the sector?
- other, please specify

research

Very few meeting

**How do you collaborate or network with other agribusiness educators or trainers in the sector?
- other, please specify**

NA

Where in Cambodia are you living? (province name)

battambang

UHST, Thbongkhmum, Cambodia

Thbounghkmum Province

Thbounghkmum Province

Thbongkhmum province

Thbongkhmum province

Thbongkhmum province

Thbongkhmum province

Thbong khmum province

Thbong Khmum province

Tbounghkmom province

Tbounghkmom province

Tboug Khmum

Tbongkhmum

Tbongkhmum

Tbongkhmum

Tbong Khmum

Tbong Khmum

| Where in Cambodia are you living? (province name) |
|---|
| Takeo |
| Takeo |
| Svay Rieng province |
| Svay Rieng Province |
| Svay Rieng Province |
| Svay Rieng Province |
| Svay Rieng Province |
| Svay Rieng |
| Svay Rieng |
| Stung Treng province |
| Stung Treng province |
| Prey Veng Province |
| Prey Veng Province |
| Prey Veng Province |
| Prey Veng Province |
| Pp |
| Phnom penh |
| Phnom Penh city |
| Phnom Penh City |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |

| Where in Cambodia are you living? (province name) |
|---|
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Morten TEST |
| Kandal province |
| Kampong cham province |
| Kampong Cham Province |
| Kampong Cham Province |
| Kampong Cham Province |
| I'm live in pursat province |
| I am living in Kandal province. |
| I am living in Kandal Province. |
| Banteay Meanchey province |
| Battambang |
| Battambang |
| Battambang province |

| Where in Cambodia are you living? (province name) |
|---|
| Battambang province |
| Battambang province |
| Battambang province |
| Battambang province |
| Battambang province |
| Battambang province |
| Battambang Province |
| Battambang Province |
| Battambang |
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| Battambang |
| Battambang |
| Battambang |
| Battambang |
| Battambang |
| Battambang |

| Where in Cambodia are you living? (province name) |
|---|
| Battambang |
| Battambang |
| Battambang |
| Battambang |
| Battambang |
| Battambang |
| Battambang |
| Battambang |
| Battambang |
| At Siem Reap province |
| At Seim Reap province |

| Where in Bangladesh are you living? (province name) |
|---|
| qweq |
| asd |
| Titas upazila, Cumilla |
| Thbong Khmum Province |
| Tangail |
| Tangail |
| TEST Morten |
| Sylhet Division |
| Sylhet District |

| Where in Bangladesh are you living? (province name) |
|---|
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sylhet |
| Sadar, Brahmanbaria |
| Rangpur |
| Rajshahi, Bangladesh |
| Rajshahi |
| Rajshahi |
| Pabna, Rajshahi, Bangladesh |
| Netrokona |
| Narayanganj |
| Narayanganj |
| Mymensingh Division |
| Mymensingh |

Where in Bangladesh are you living? (province name)

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

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Mymensingh

Mymensingh

Mymensingh

Mymensingh

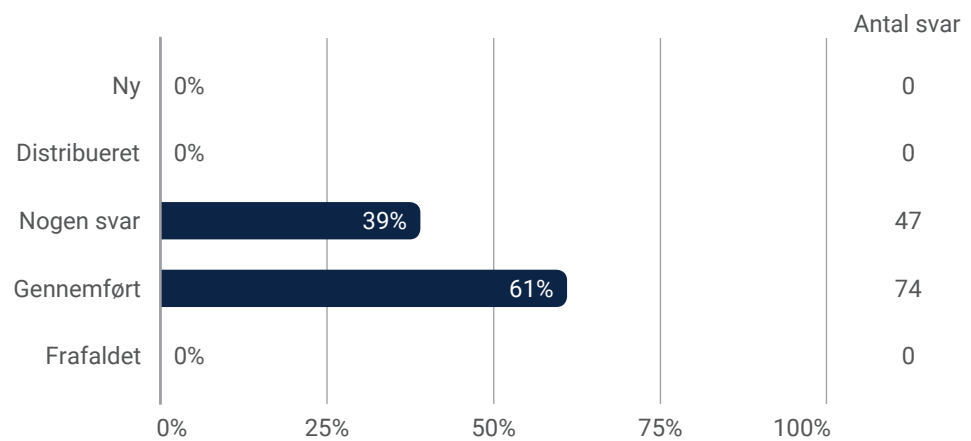
Mymensingh

| Where in Bangladesh are you living? (province name) |
|---|
| Mymensingh |
| Mymensingh |
| Mymensingh |
| Moulvibazar, Sylhet |
| Moulvibazar |
| Mirpur-14,Dhaka |
| Lalmonirhat |
| Kishoreganj |
| Khulna Division |
| Khagrachari |
| Joydevpur, Gazipur |
| Jamalpur district |
| Jamalpur |
| Jamalpur |
| Jamalpur |
| Jamalpur |
| Jamalpur |
| I am living in Dhaka |
| I am living at Gazipur, Bangladesh |
| Gazipur, Dhaka |
| Gazipur, Bangladesh |
| Gazipur nearby capital |

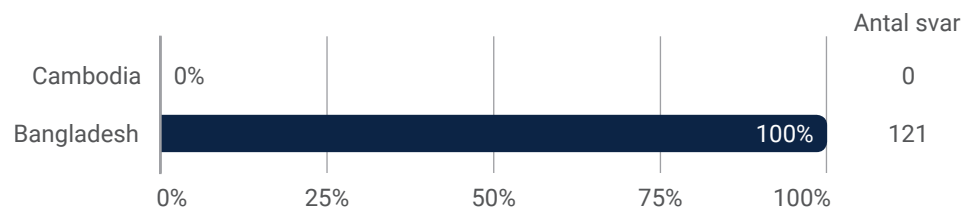
| Where in Bangladesh are you living? (province name) |
|---|
| Gazipur district |
| Gazipur |
| Gazipur |
| Gazipur |
| Gazipur |
| District: Gazipur Division: Dhaka |
| Dinajpur, Bangladesh |
| Dinajpur, Bangladesh |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |

| Where in Bangladesh are you living? (province name) |
|---|
| Dhaka |
| Cumilla |
| Cumilla |
| Chittagong |
| Chapainawabganj district at Rajshahi division |
| Bogura, Rajshahi |
| Bogura |
| Barishal City Corporation, Barishal, Bangladesh 8200. |
| Bangladesh Agricultural University, Mymensingh |
| BARI, Gazipur |

Samlet status



Where do you currently reside?



Where in Bangladesh are you living? (province name)

qweq

asd

Titas upazila, Cumilla

Thbong Khmum Province

Tangail

Tangail

TEST Morten

Sylhet Division

Sylhet District

Sylhet

Sylhet

Sylhet

Sylhet

Sylhet

Sylhet

Sylhet

Sylhet

Sylhet

Sylhet

Sylhet

Sadar, Brahmanbaria

Rangpur

Rajshahi, Bangladesh

Rajshahi

Rajshahi

Pabna, Rajshahi, Bangladesh

Netrokona

Narayanganj

Narayanganj

Where in Bangladesh are you living? (province name)

Mymensingh Division

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

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Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Mymensingh

Moulvibazar, Sylhet

Moulvibazar

Mirpur-14,Dhaka

Where in Bangladesh are you living? (province name)

Lalmonirhat

Kishoreganj

Khulna Division

Khagrachari

Joydevpur, Gazipur

Jamalpur district

Jamalpur

Jamalpur

Jamalpur

Jamalpur

Jamalpur

I am living in Dhaka

I am living at Gazipur, Bangladesh

Gazipur, Dhaka

Gazipur, Bangladesh

Gazipur nearby capital

Gazipur district

Gazipur

Gazipur

Gazipur

Gazipur

District: Gazipur

Division: Dhaka

Dinajpur, Bangladesh

Dinajpur, Bangladesh

Dhaka

Dhaka

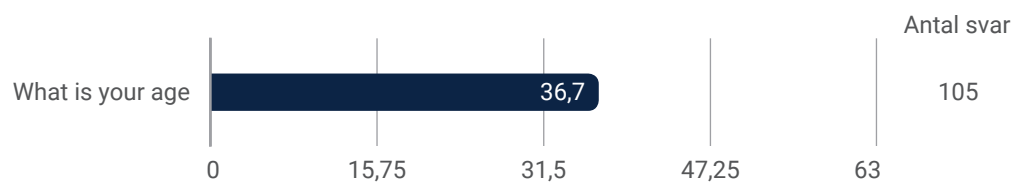
Dhaka

Dhaka

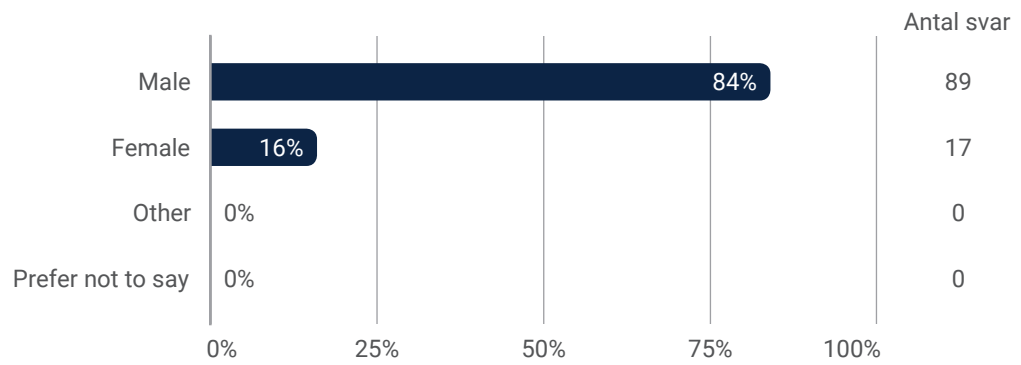
Dhaka

| Where in Bangladesh are you living? (province name) |
|---|
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Dhaka |
| Cumilla |
| Cumilla |
| Chittagong |
| Chapainawabganj district at Rajshahi division |
| Bogura, Rajshahi |
| Bogura |
| Barishal City Corporation, Barishal, Bangladesh 8200. |
| Bangladesh Agricultural University, Mymensingh |
| BARI, Gazipur |

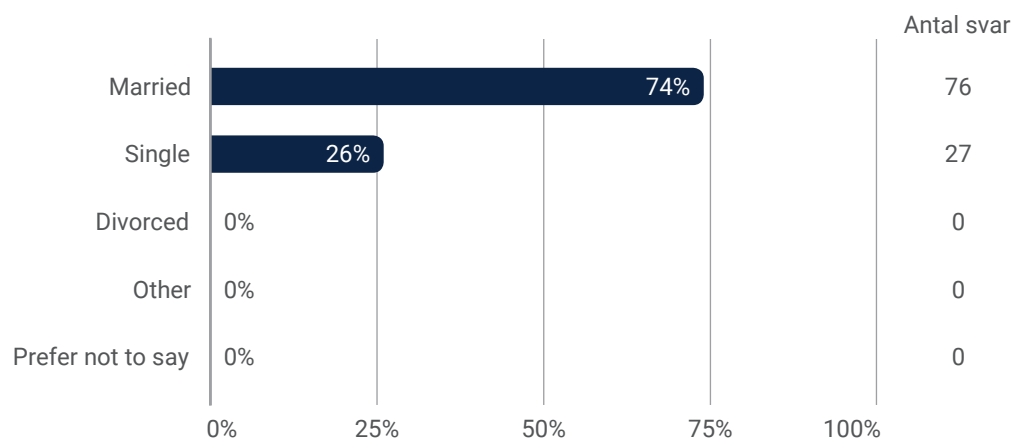
What is your age



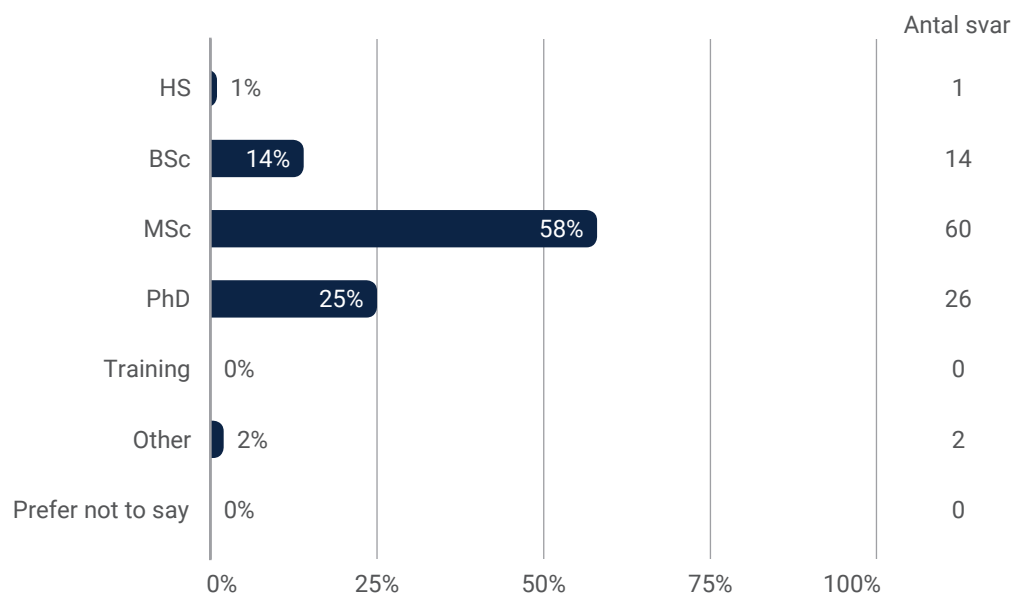
What is your gender?



What is your marital status?



What is your highest level of education?



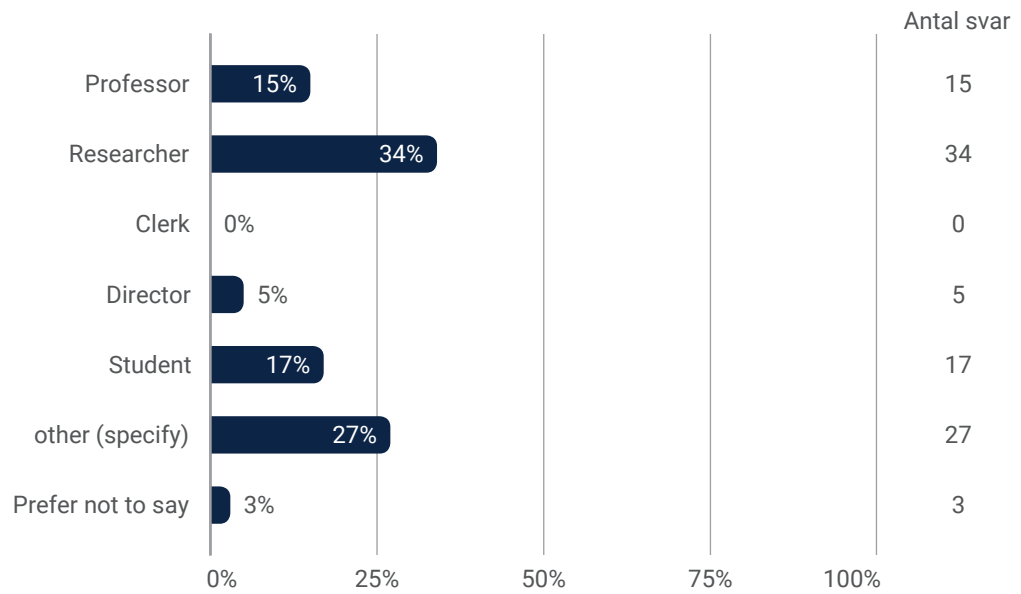
What is your highest level of education? - Other

BA

BA

B.A

What is your occupation?

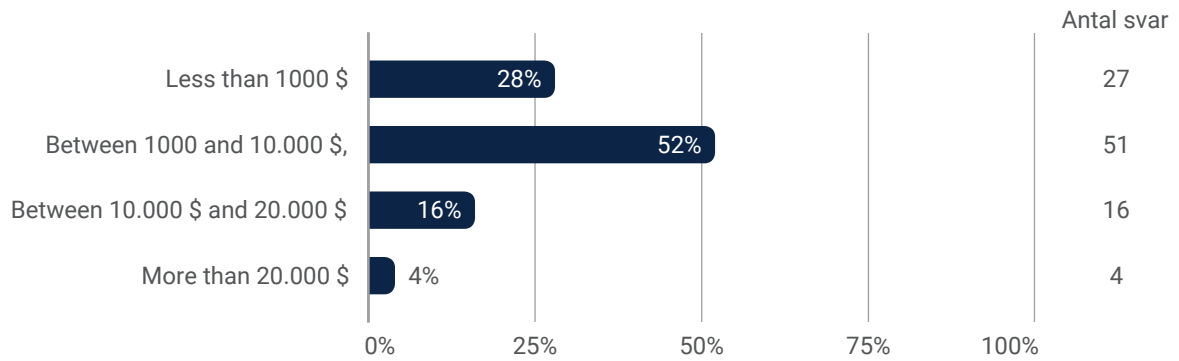


| What is your occupation? - other (specify) |
|--|
| consultant |
| asd |
| Upazila Agriculture Officer |
| Teaching and research |
| Service holder |
| Service |
| Service |
| Sales professional |
| Sales Professional |
| Project Management |
| NGO worker |
| NGO worker |
| N |
| MNC company job |
| Lecturer |
| Job |
| Govt. Officer |
| Govt. Cadre officer |
| Government officials |
| Development professional |
| Development practitioner. |
| Development job |
| Civil Servant |
| Banker |
| Banker |
| Assistant professor |
| Assistant Professor |
| Assistant Professor |
| Assi Director |

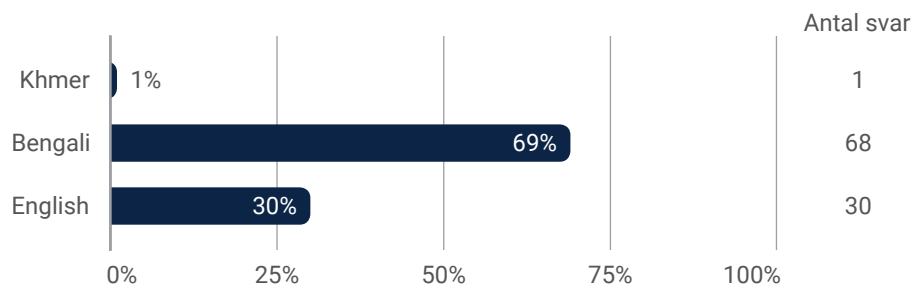
What is your occupation? - other (specify)

Additional Agricultural Officer

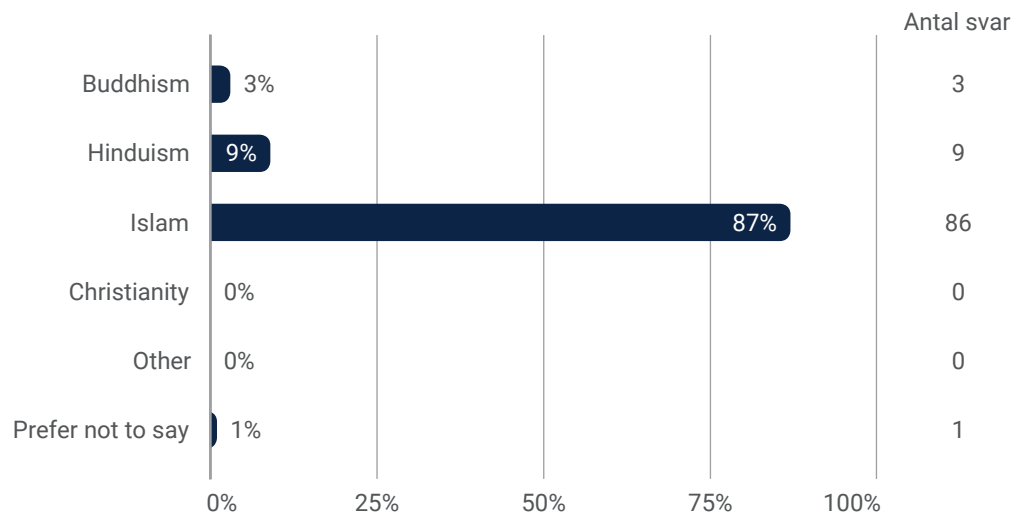
What is your annual income?



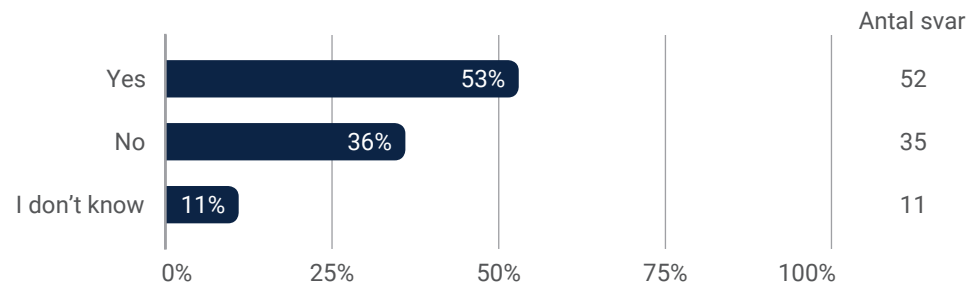
What is your preferred language?



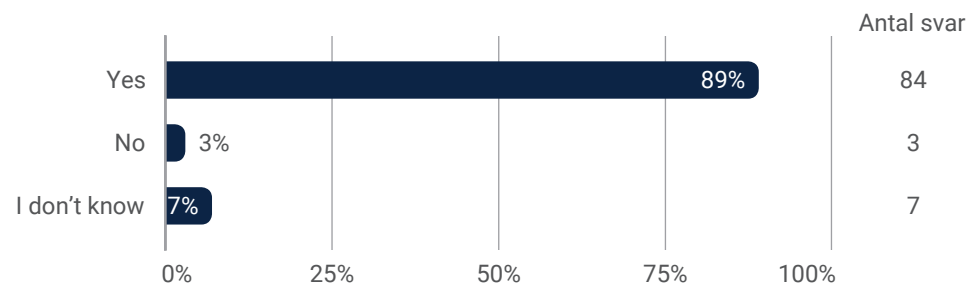
What is your religion or belief system?



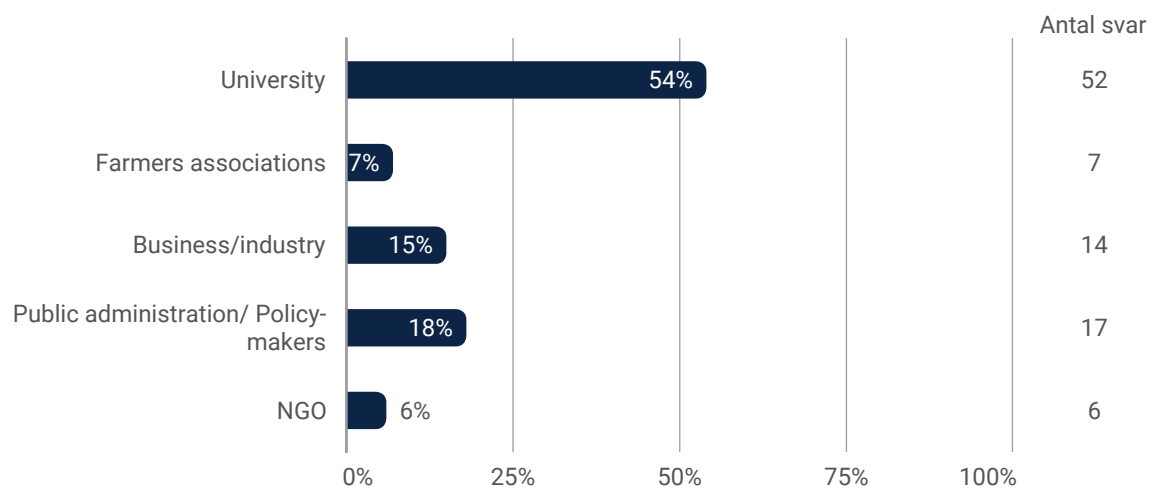
Are the existing education or training programs in the agribusiness sector in your country innovative?



Should the existing education or training programs in the agribusiness sector in your country be revised?



Who do you represent or identify yourself with?



What is the name and location of your institution, and which year it was established? (name, location, year).

Sylhet Agricultural University, Sylhet, Bangladesh, 2006

Sylhet Agricultural University, Sylhet, Bangladesh, 2006

Sylhet Agricultural University
Sylhet, Bangladesh
2006

Sylhet Agricultural University
Sylhet
2006

Sylhet Agricultural University
Sylhet
2006

Sylhet Agricultural University

Sher-e-Bangla Agricultural University, Agargaon, 1938

Sher-e-Bangla Agricultural University,
Sher-e-Bangla Nagar, Dhaka-1207.
It was established in 1938 as a pioneer Agricultural Institute in the British India. Later on 2001, It was established as a public University.

Sher-e-Bangla Agricultural University
Sher-e-Bangla Nagar, Dhaka 1207
Previously, It as a Agricultural Institute as established in 1938. After that, the institute is converted as university in 2001.

Sher-e-Bangla Agricultural University
Dhaka
Previously known as Bangladesh Agricultural Institute and established in 1938
It is transferred as University in 2001

Sher e bangla agricultural University, sher-e - bangla nagar,dhaka,1938

Sher e Bangla Agricultural University, Dhaka

Name: Sylhet Agricultural University, Sylhet.
Location : The University is located on the 6 km east of district town of Sylhet.
Establishment: 2 nd November, 2006

Name: Bangladesh Agricultural University
Location: Mymensingh, Bangladesh
Established year: 1961

Name: Bangladesh Agricultural University
Location: Mymensingh
Established year: 1961

Name: Bangladesh Agricultural Research Institute
Location: Gazipur, Bangladesh
Year: 1976

What is the name and location of your institution, and which year it was established? (name, location, year).

Name- Sher-e- Bangla Agricultural University
Location- Sher-e-Bangla Nagar,Dhaka-1207
Year-1938

Name : Ruike (Cambodia) Agrochemicals co.,Ltd .
Local: Phnom Penh city .
Year : 2019

EXIM Bank Agricultural University Bangladesh
Location : Chapainawabganj district at Rajshahi division
Year: 2013

Bangladesh agricultural university, Mymensingh,1961

Bangladesh agricultural University, Mymensingh, 1961

Bangladesh agricultural University, Mymensingh
1961

Bangladesh Rice Research Institute, Gazipur

Bangladesh Rice Research Institute (BRRI)
Gazipur
1971

Bangladesh Agricultural University; Mymensingh, Bangladesh; 1961

Bangladesh Agricultural University, Mymensingh.
Established : 1961

Bangladesh Agricultural University, Mymensingh-2202, It was established in 1961

Bangladesh Agricultural University, Mymensingh, Estd- 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh, 1961

Bangladesh Agricultural University, Mymensingh (1961)

Bangladesh Agricultural University, Mymensingh
1961

Bangladesh Agricultural University, 1961

Bangladesh Agricultural University, 1961

Bangladesh Agricultural University (BAU), Mymensingh, 18 August 1961.

What is the name and location of your institution, and which year it was established? (name, location, year).

Bangladesh Agricultural University
established 1961

Bangladesh Agricultural University
Mymensingh
1961

Bangladesh Agricultural University
established 1961

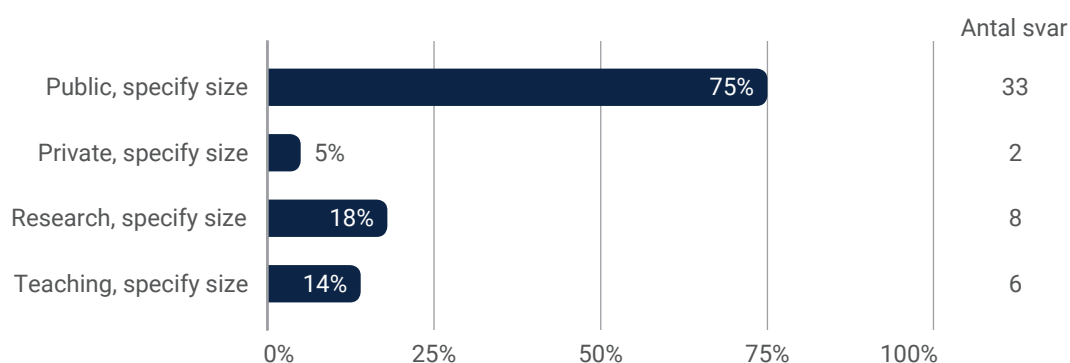
Bangladesh Agricultural University
Mymensingh, Bangladesh
1961

Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur-1701. It was established on 1976.

BRAC
Location: 75 Mohakhali, Dhaka, Bangladesh
Established: 1972

BAU, 1961

What type and size is your institution?



What type and size is your institution?
- Public, specify size

big

Public, non profit

Public

Public

Pesticides and Fertilizers

National

Land size 87 acres, Students - 5000, Employees - 700

Around 5000 student studies in this University. The area of the university is 87 square kilometre.

Area: 20.23 hectares (50 acres)

947

87 acres of land, about 5000 students and employees near about 700

87 acre

86.92 acres

8000

6000 stutents

50 acres

50 acres

50 Acre

1600 Acre

1261 acres

1231 Acre.

1231 Acre.

1230

1230

1200 acres

1200 acres

1200 acres

1200 acres

1200 acre with 6000 student

What type and size is your institution?
- Public, specify size

1200 acre

1200 acre

1200 acre

10,000

1,261 acres (5.10 km²)

What type and size is your institution?
- Research, specify size

more than 500 employees and around 2000 students

Public, non profit

More than 400 on-going research project

I am not sure what you mean by size, it is based on number of employees, or amount of money invested or running institutions or areas

Big

Autonomous

77 hectare

5.10 km² area, with 567 academic staff

1000

What type and size is your institution?
- Private, specify size

Public, non profit

INGO, Working 12 countries and more than one lac employees

100 acre

What type and size is your institution?

- Teaching, specify size

more than 500 employees and around 2000 students

University

Same

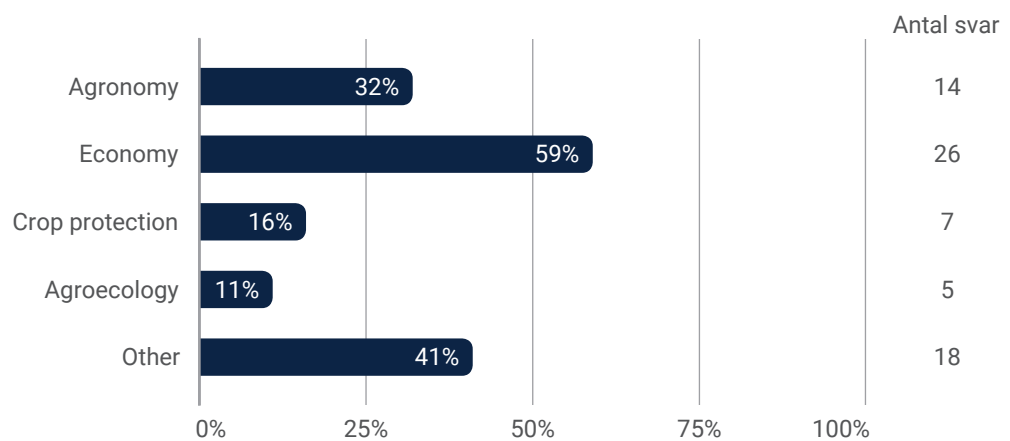
Public, non profit

50 acre

5.10 km2 area, with 567 academic staff

1000

What is the main discipline of your agribusiness education or research program?



What is the main discipline of your agribusiness education or research program?

- Other

department of agribusiness and marketing

department of agribusiness and marketing

Value chain analysis, Market structure, Product development, Product pricing and promotion, Governance structure etc.

Soil Science

Soil Science

Soil Science

Soil

Institute of Agribusiness and Development Studies

Horticulture

Fisheries

Fisheries

Dairy

Climate Change, Disaster risk management

Business model

Agricultural Extension Education

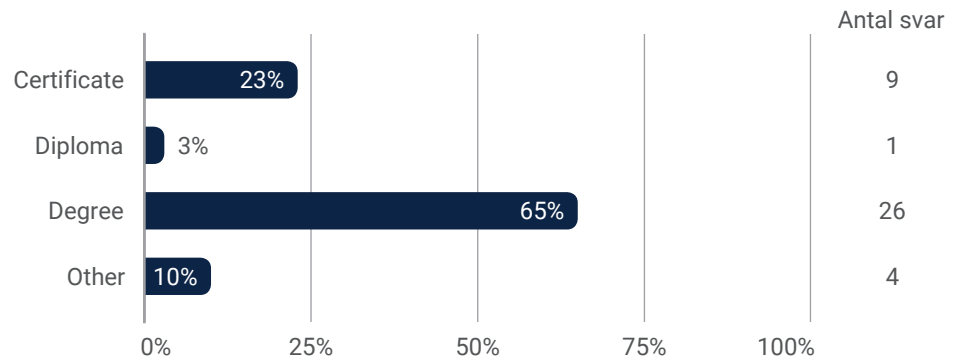
Agricultural Economics and Business Studies

Agribusiness Management

What number of enrolled students has your agribusiness education or research program?



What is the level and duration of your agribusiness education or research programs?



What is the level and duration of your agribusiness education or research programs?

- Other

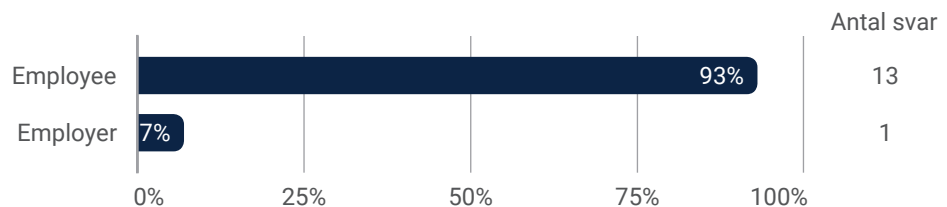
Traning

One semester course work of 3 credits

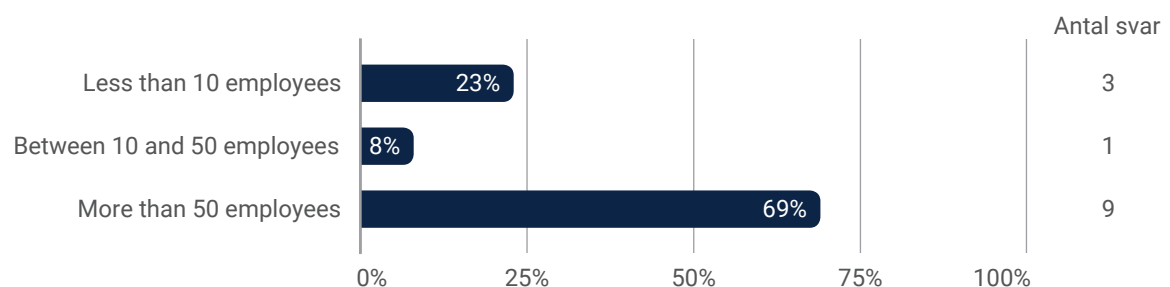
MBA

4 years,BSc in Agriculture

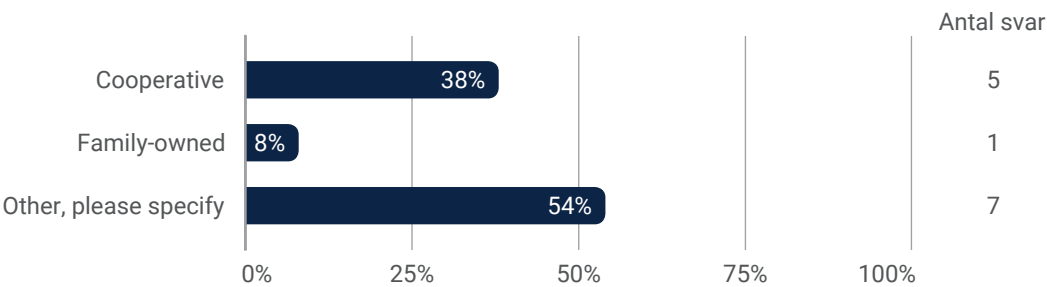
Are you a employee or employer in the business, company you own or work with?



What size is your company or business?

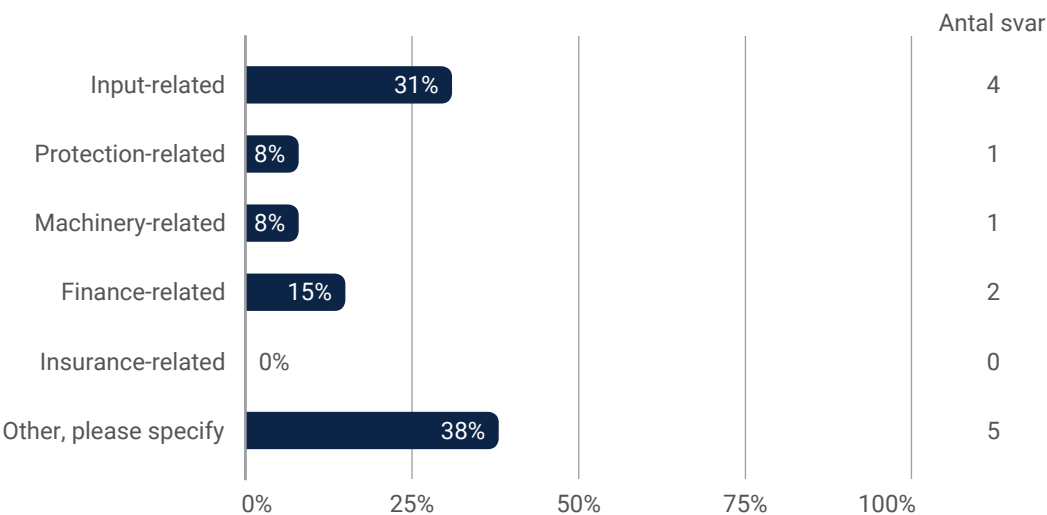


What type is your company or business?



| What type is your company or business? - Other, please specify |
|--|
| Syngenta Foundation for Sustainable Agriculture |
| Seed industry business |
| MNC |
| MNC |
| Business |
| Business |
| Autonomous |

What is the main product or service that your company or business offers or produces?



What is the main product or service that your company or business offers or produces? - Other, please specify

Technology for farmers and or agriculture

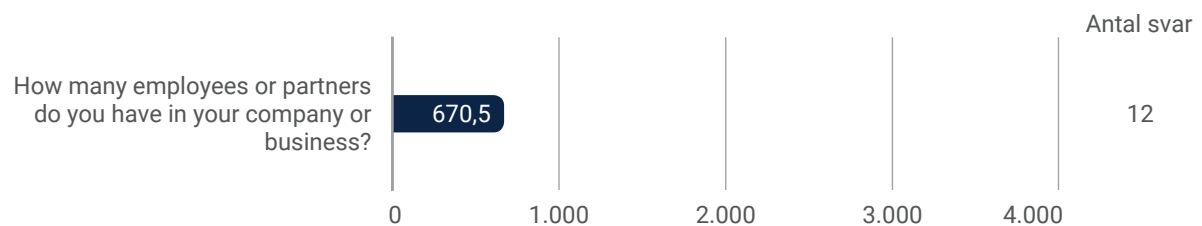
Retail

Quality seed for the farmers

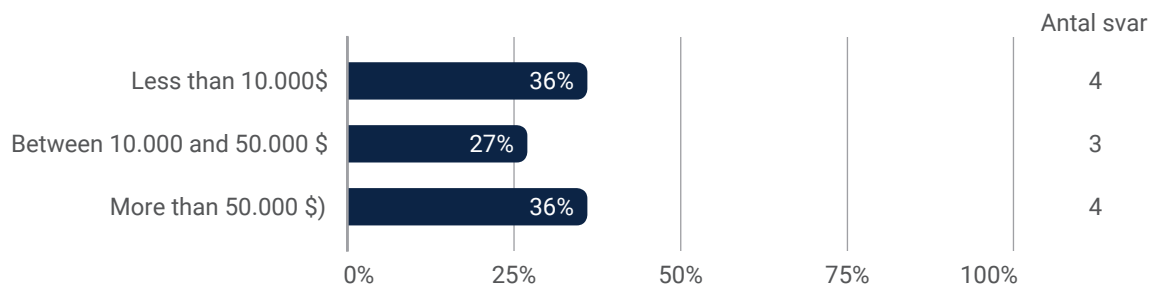
Crop protection

Agribusiness

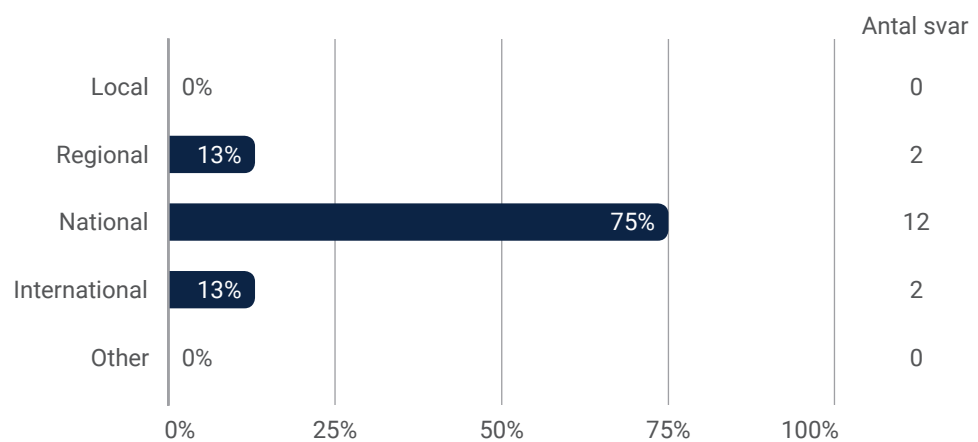
How many employees or partners do you have in your company or business?



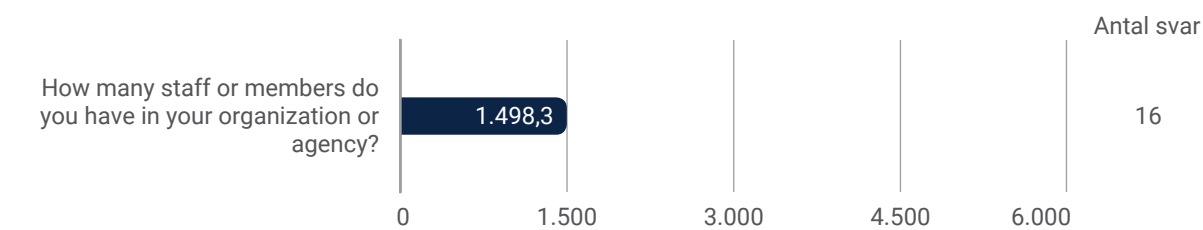
What is the annual revenue or profit of your company or business?



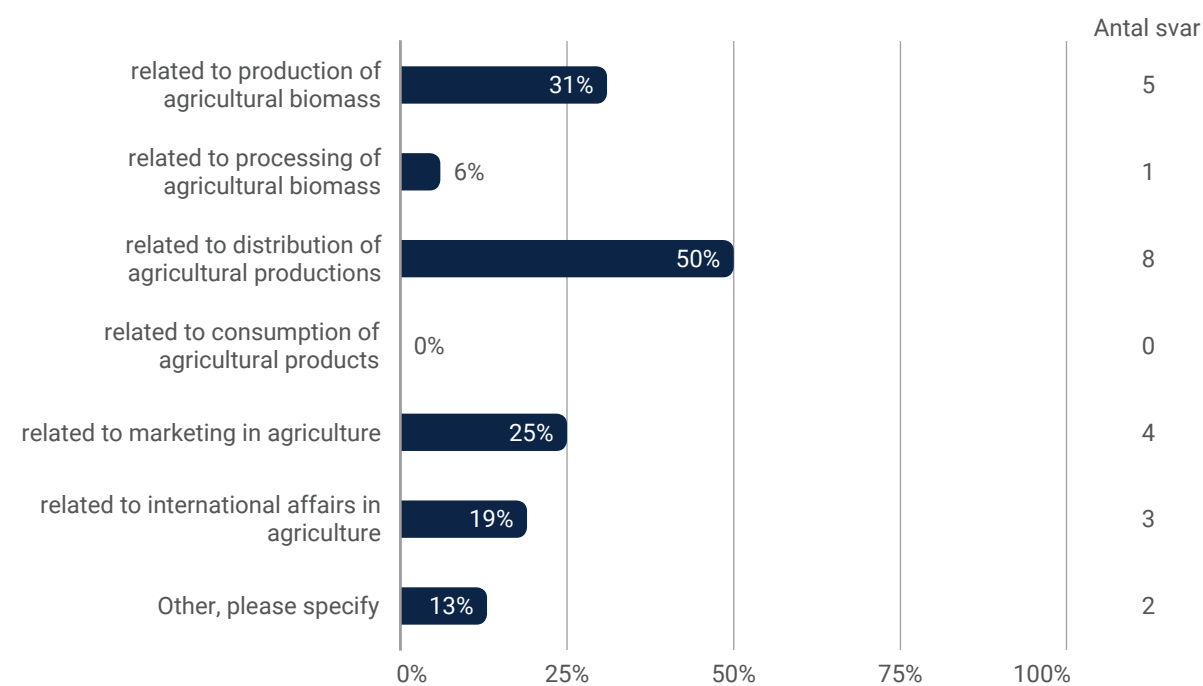
What is the level and scope of your organization or agency?



How many staff or members do you have in your organization or agency?

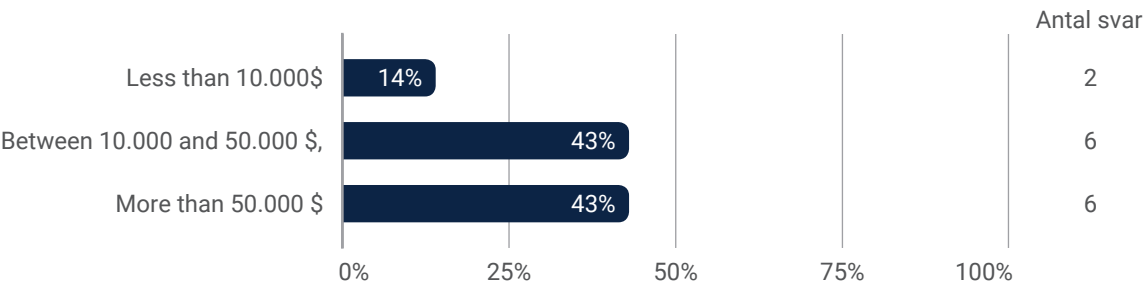


What is the main policy or regulation you implement or enforce in the agribusiness sector? (max 3 choices).

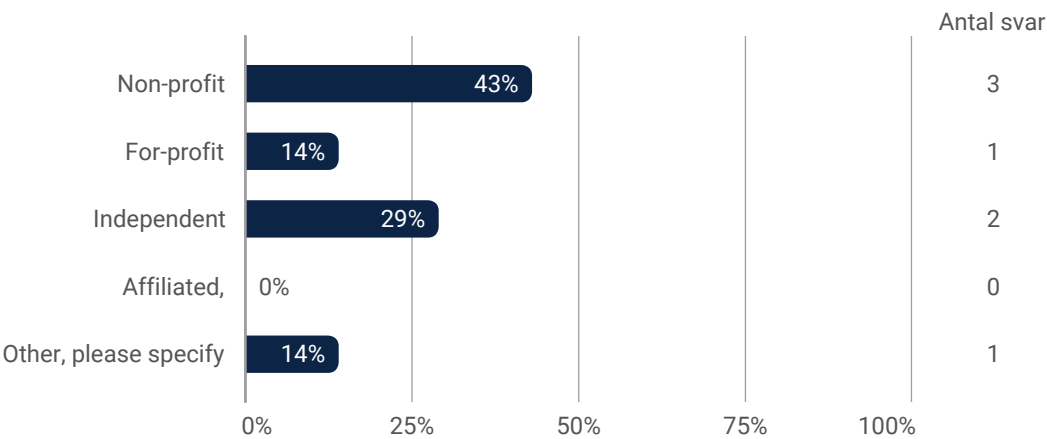


| |
|---|
| What is the main policy or regulation you implement or enforce in the agribusiness sector? (max 3 choices). |
| - Other, please specify |
| Related to distribution of agricultural inputs |
| Coordinations connecting policy to all stakeholders |

What is the annual budget or expenditure of your organization or agency?

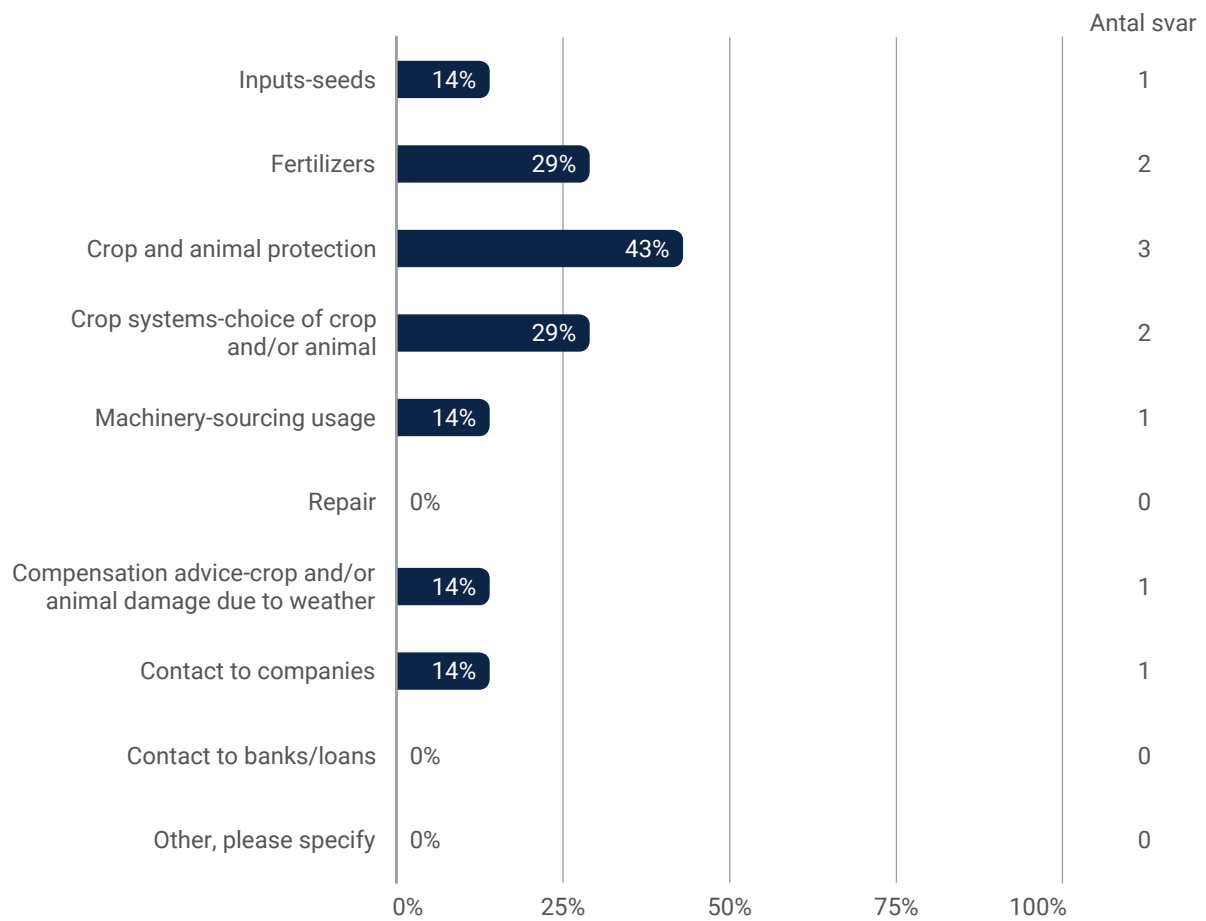


What is the type and status of your organization or company?

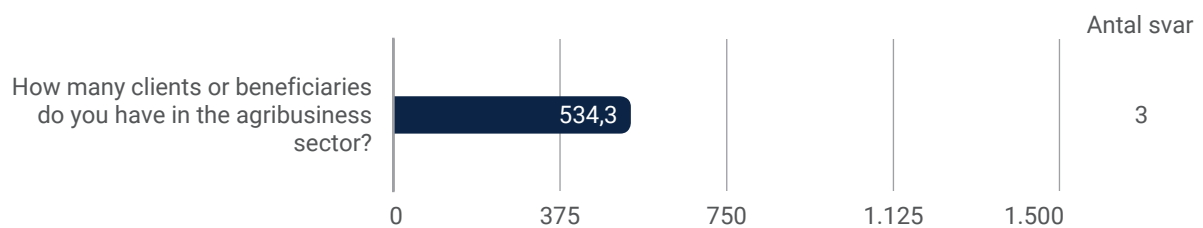


| What is the type and status of your organization or company? - Other, please specify |
|--|
| Autonomous |

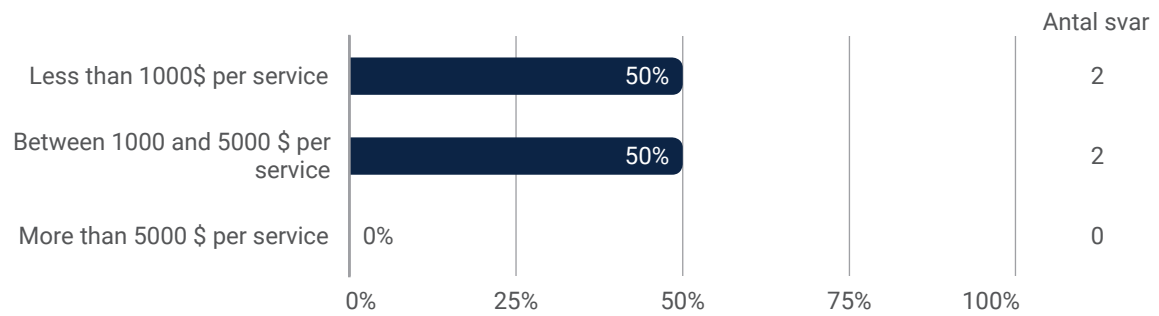
What is the main service or advice that you provide or offer to the agribusiness sector? (max three choices)



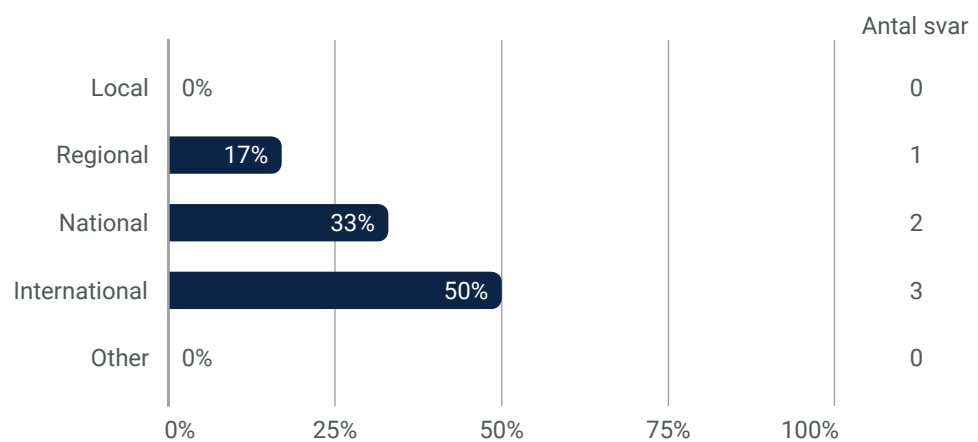
How many clients or beneficiaries do you have in the agribusiness sector?



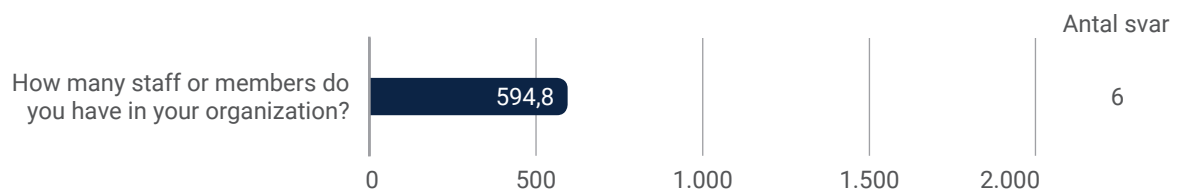
What is the fee or cost of your service or advice (in \$) to the agribusiness sector?



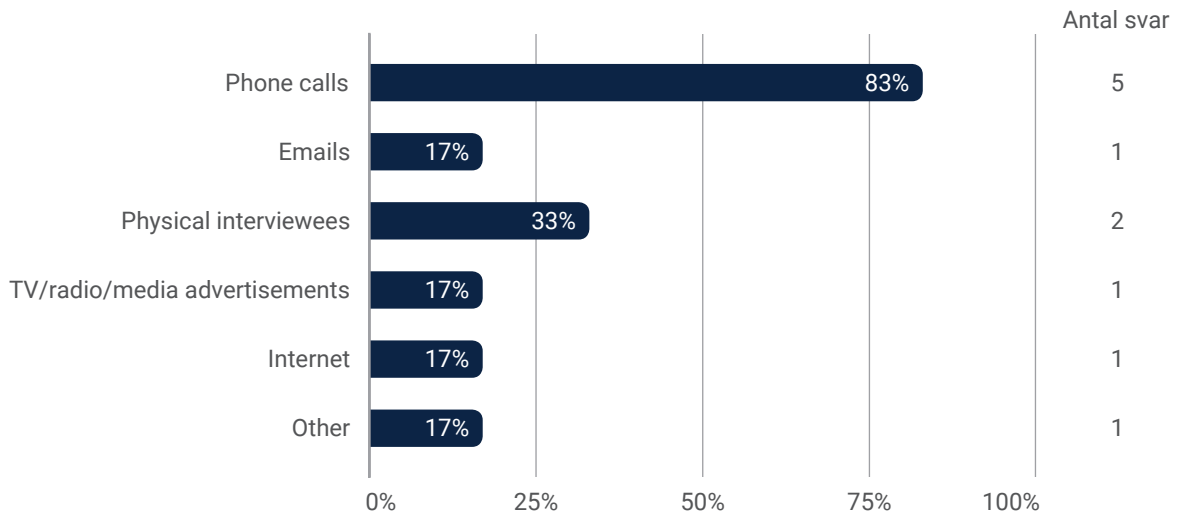
What is the level and scope of your organization?



How many staff or members do you have in your organization?



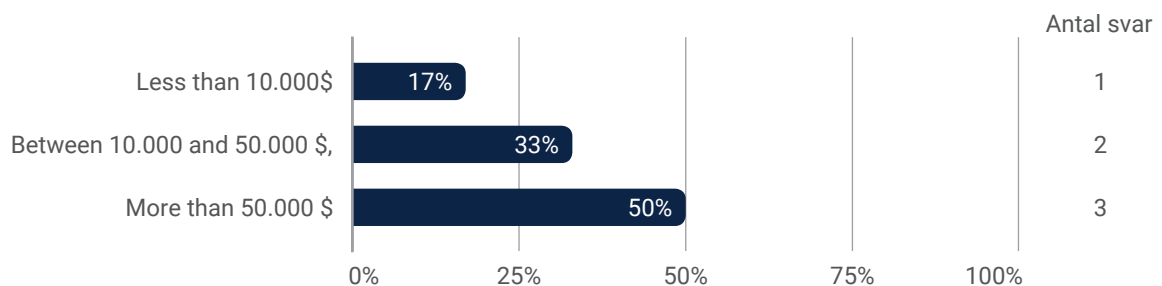
What is the main policy or method you implement to outreach to stakeholders of interest? (max three choices)



What is the main policy or method you implement to outreach to stakeholders of interest? (max three choices) - Other

Local level event

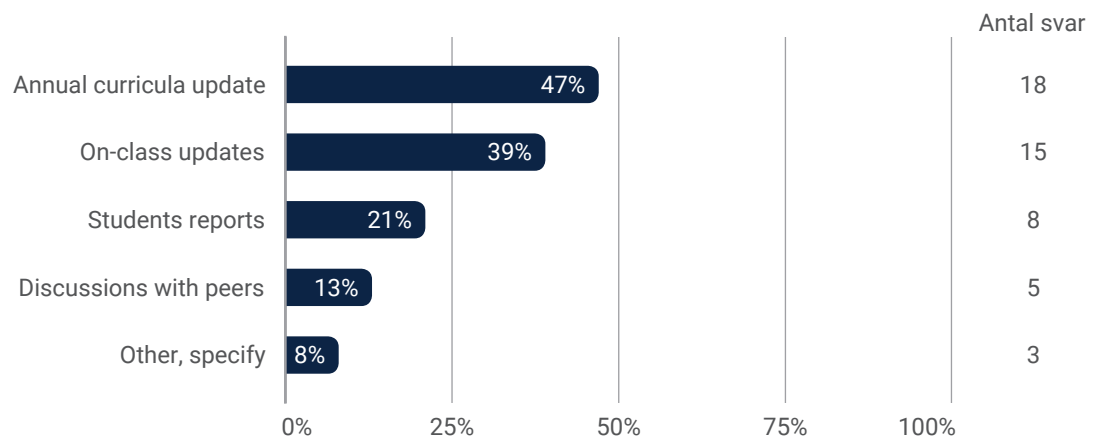
What is the annual budget or expenditure of your organization or agency?



How many subjects on climate change effects on agriculture are taught in courses?



How is new knowledge and materials incorporated into curricula?
(max three choices)



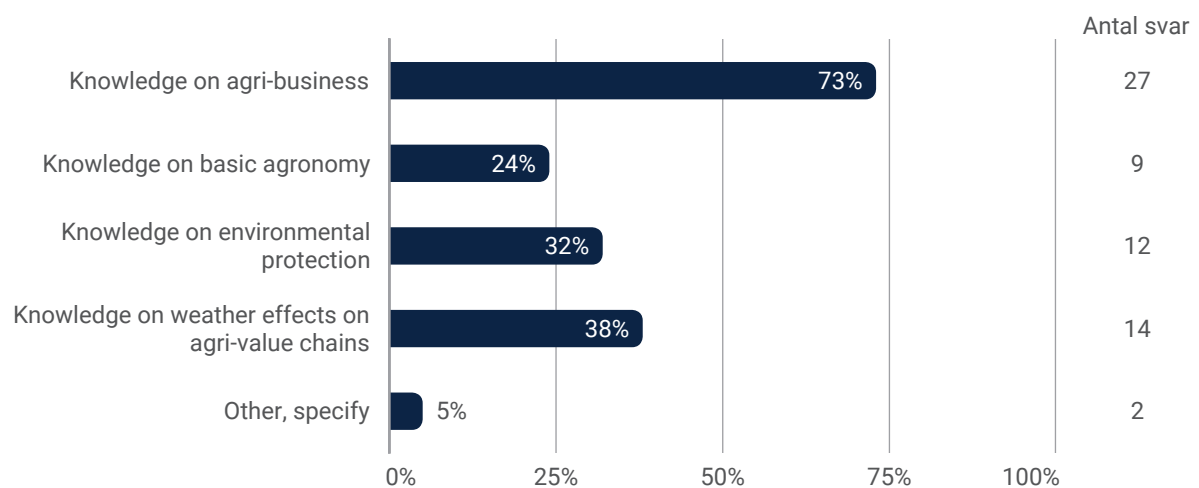
How is new knowledge and materials incorporated into curricula?
(max three choices) - Other, specify

Nothing

None

Irregular curricula update

What are the main objectives or outcomes of your agribusiness education or research programs? (Max three choices)

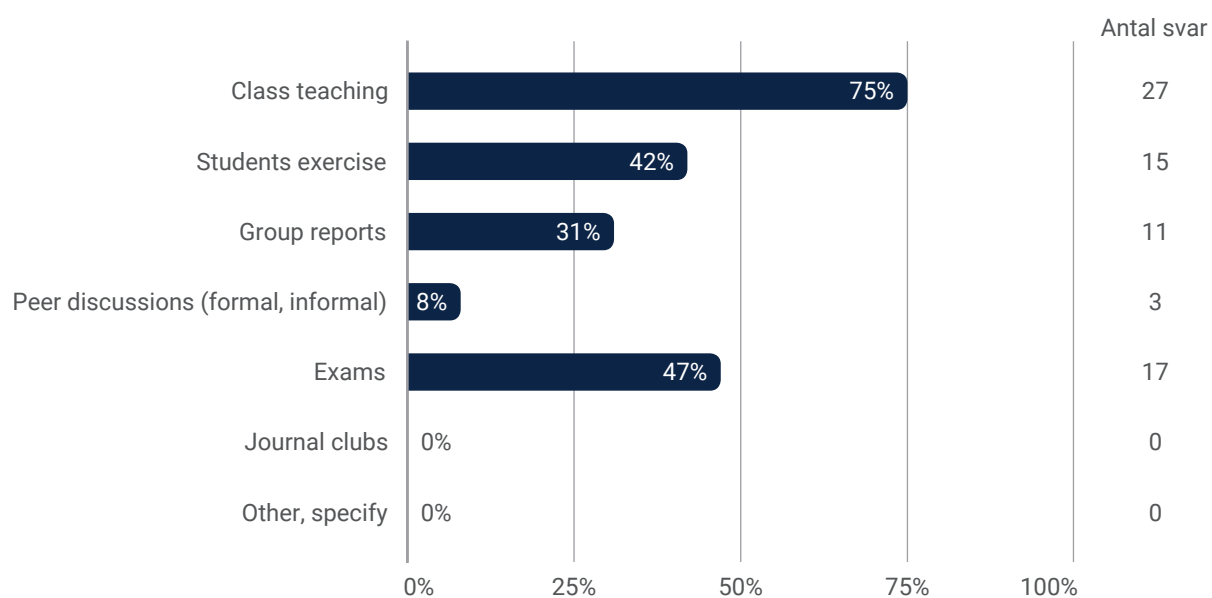


What are the main objectives or outcomes of your agribusiness education or research programs? (Max three choices) - Other, specify

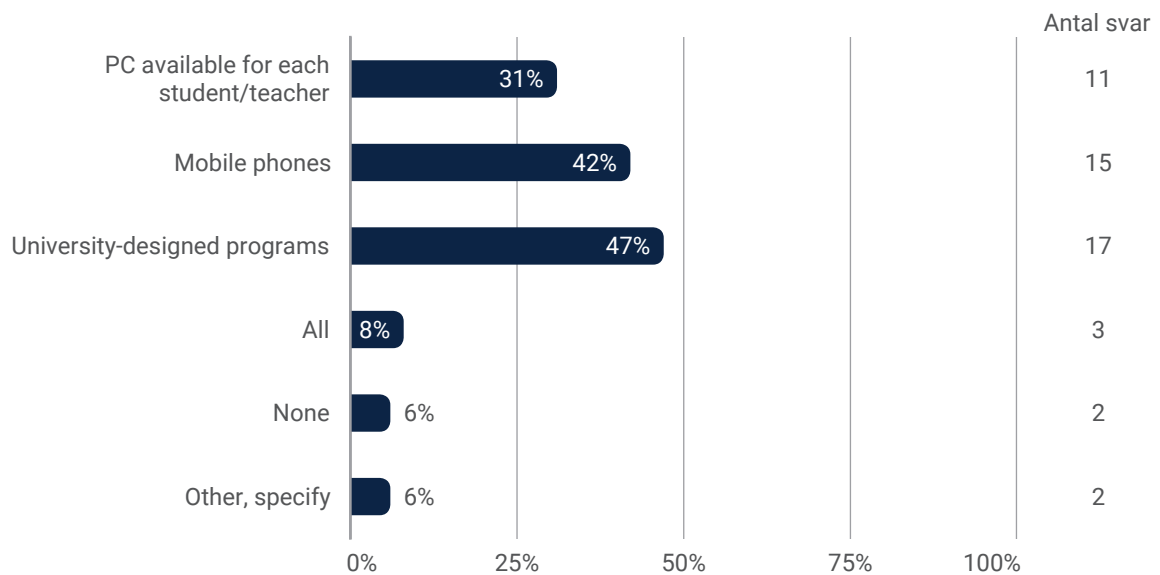
Protection to soil on changing climate to support agi-production

Knowledge on basic horticulture

How do you deliver your agribusiness education or training program or course?
(max three choices)



How do you integrate digital technologies or tools in your agri-education, course or research programs? (max three choices)

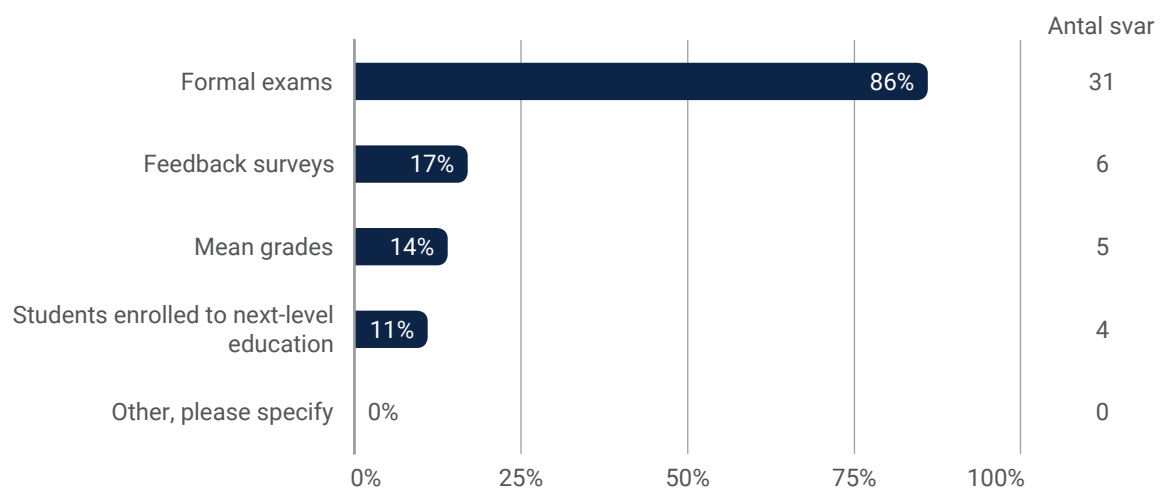


How do you integrate digital technologies or tools in your agri-education, course or research programs? (max three choices) - Other, specify

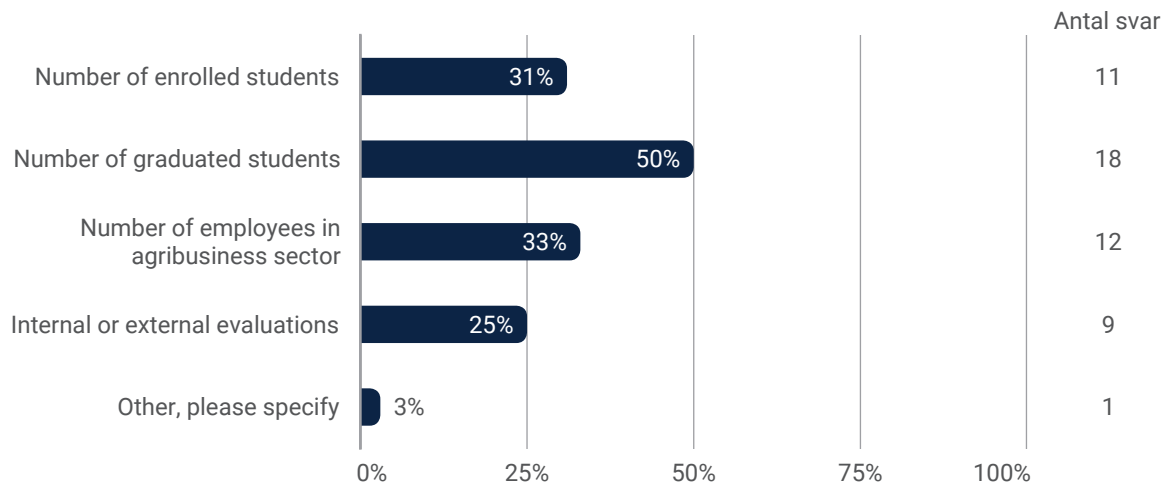
mixed mode

Power point presentation

How do you ensure or monitor the quality or relevance of your agri-education or research programs? (max three choices)



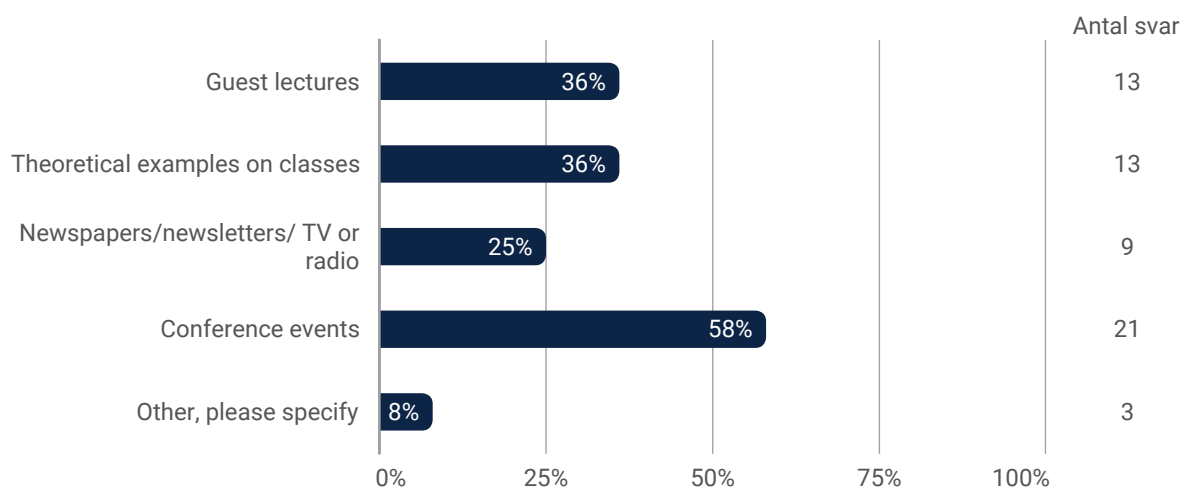
How do you evaluate or measure the effectiveness or impact of your agri-education or training program or course?
(max three choices)



How do you evaluate or measure the effectiveness or impact of your agri-education or training program or course?
(max three choices) - Other, please specify

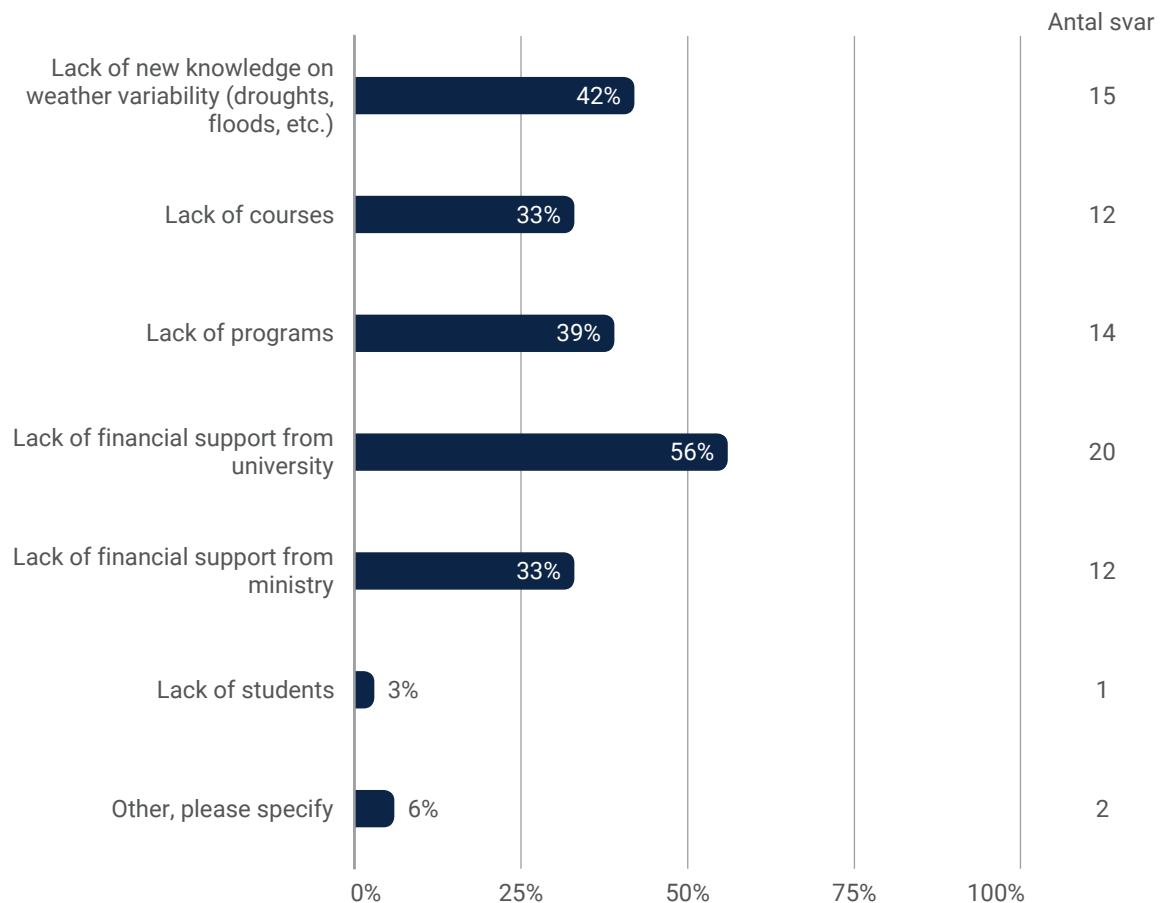
Impact study not done

How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as employers, workers, policy makers, or consumers? (max three choices)



What are the main challenges to provide innovative agri-education or research programs? (max three choices)

(In this survey, innovative is defined as incorporating latest knowledge and benefiting directly the society through the most cost-effective design)

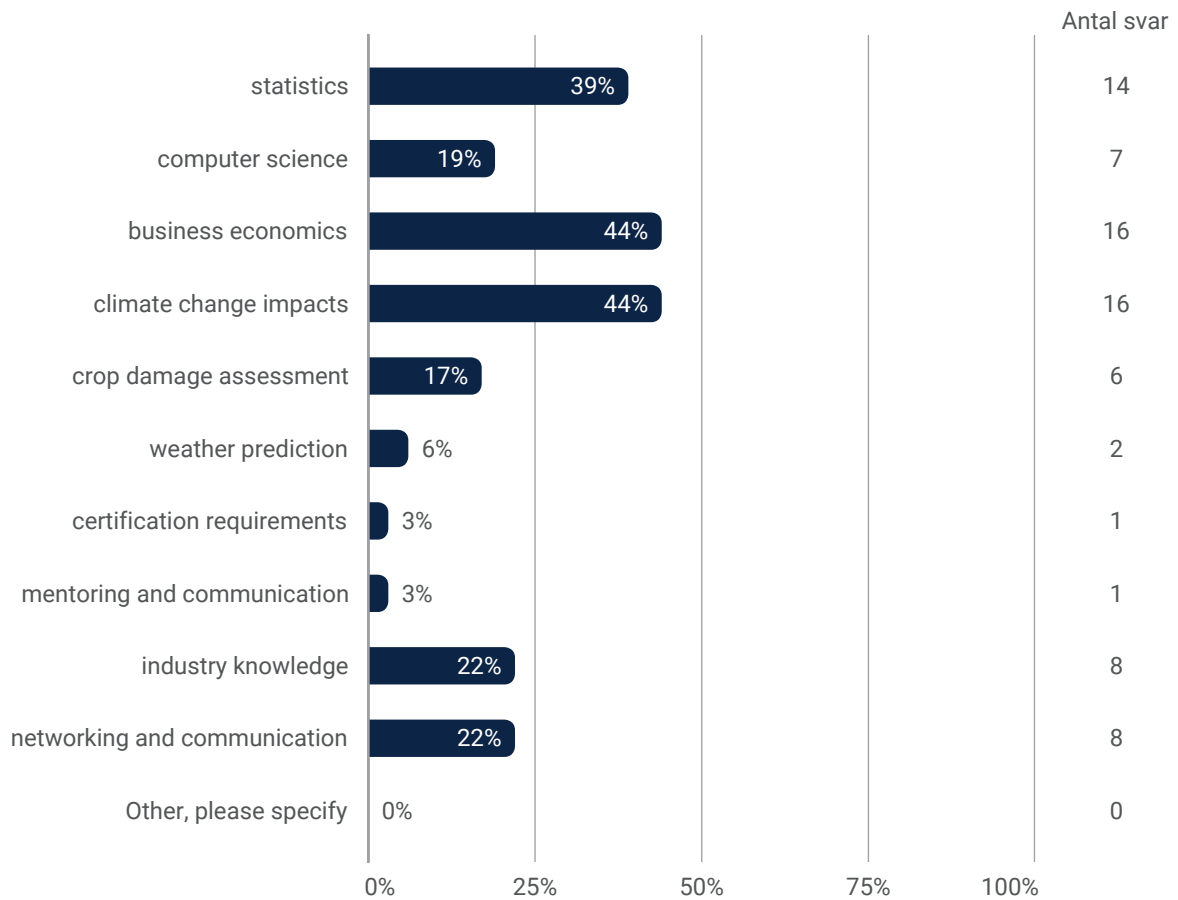


What are the main challenges to provide innovative agri-education or research programs? (max three choices)
(In this survey, innovative is defined as incorporating latest knowledge and benefiting directly the society through the most cost-effective design)
- Other, please specify

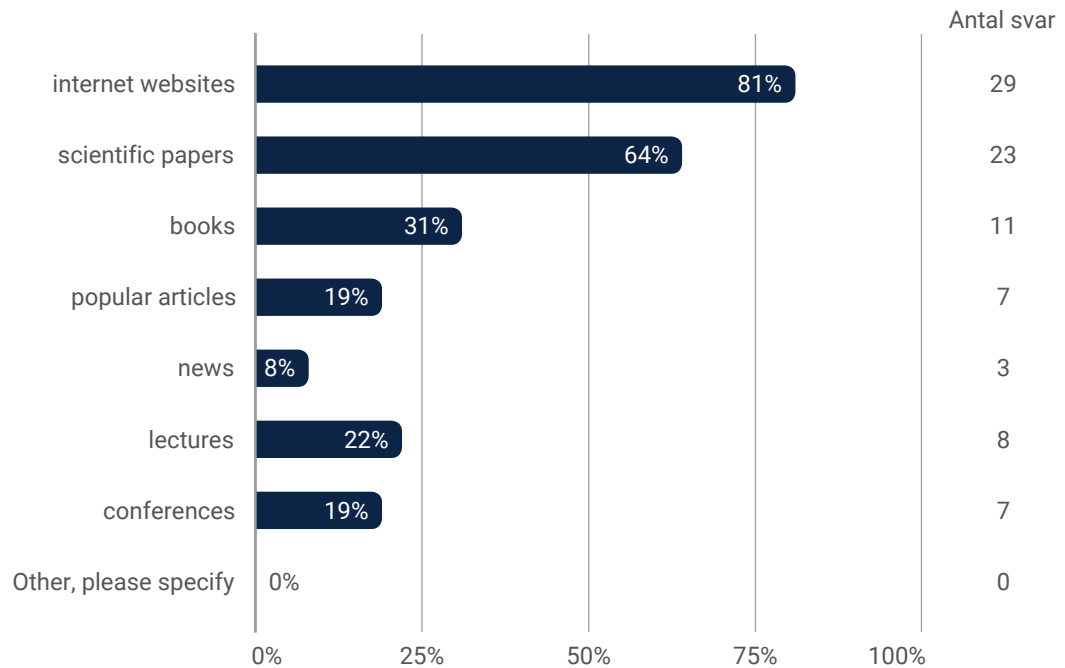
Lack of good quality instructor

Lack of good quality instructor

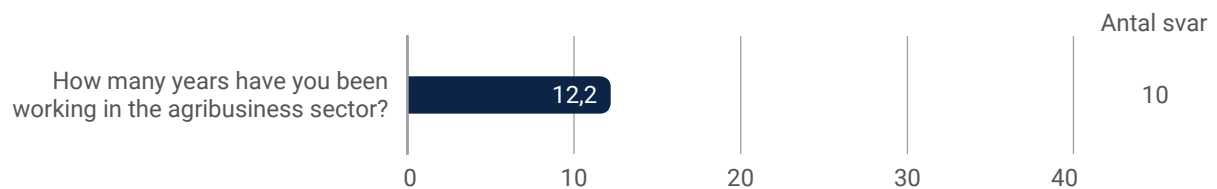
What are the main skills or competencies aiming to develop or enhance in your agribusiness students, trainees or researchers?
(max three choices)



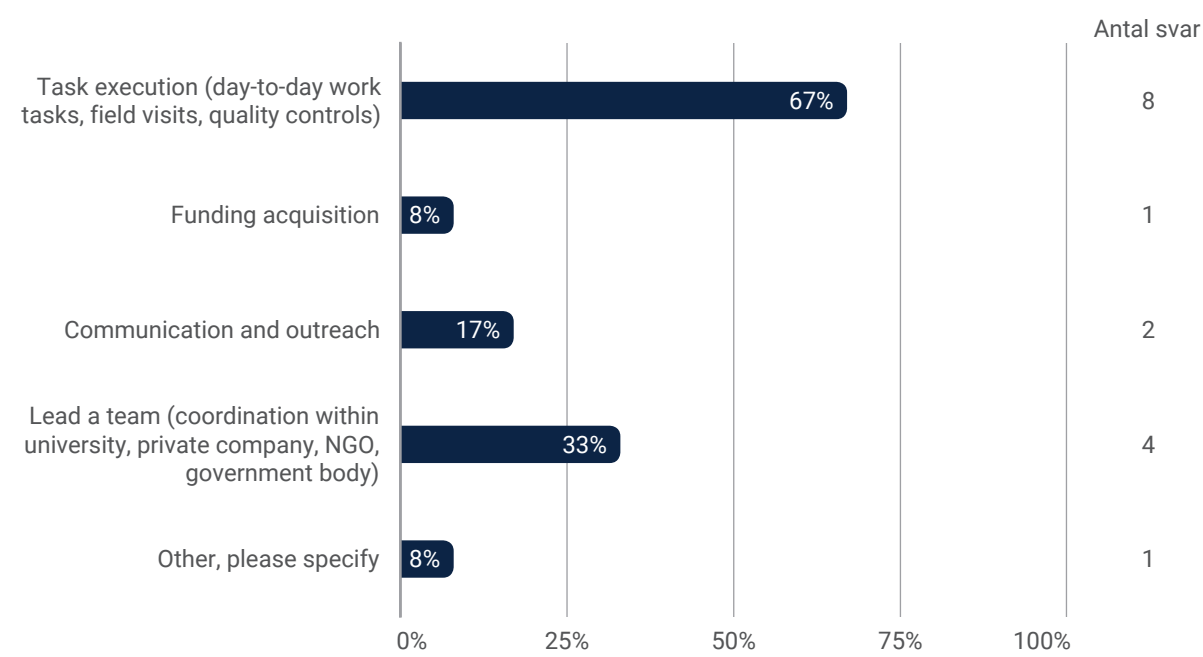
What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics? (pick three main sources or channels).



How many years have you been working in the agribusiness sector?



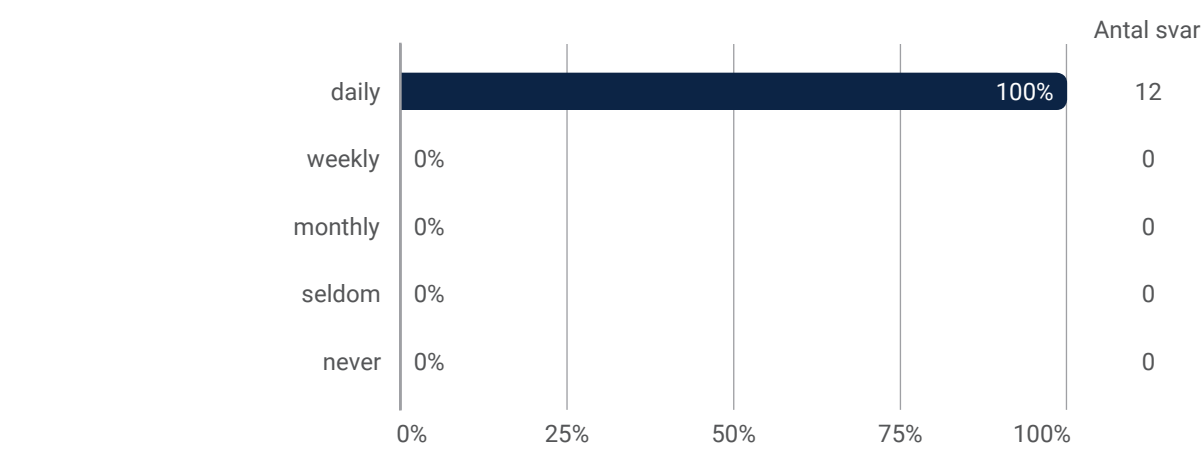
What are the main tasks or responsibilities that you perform in your current job?
(pick three main tasks)



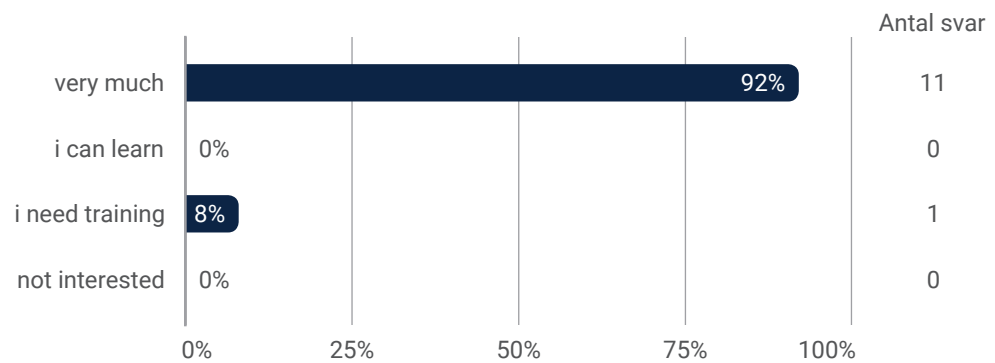
What are the main tasks or responsibilities that you perform in your current job? (pick three main tasks) - Other, please specify

Conduct research

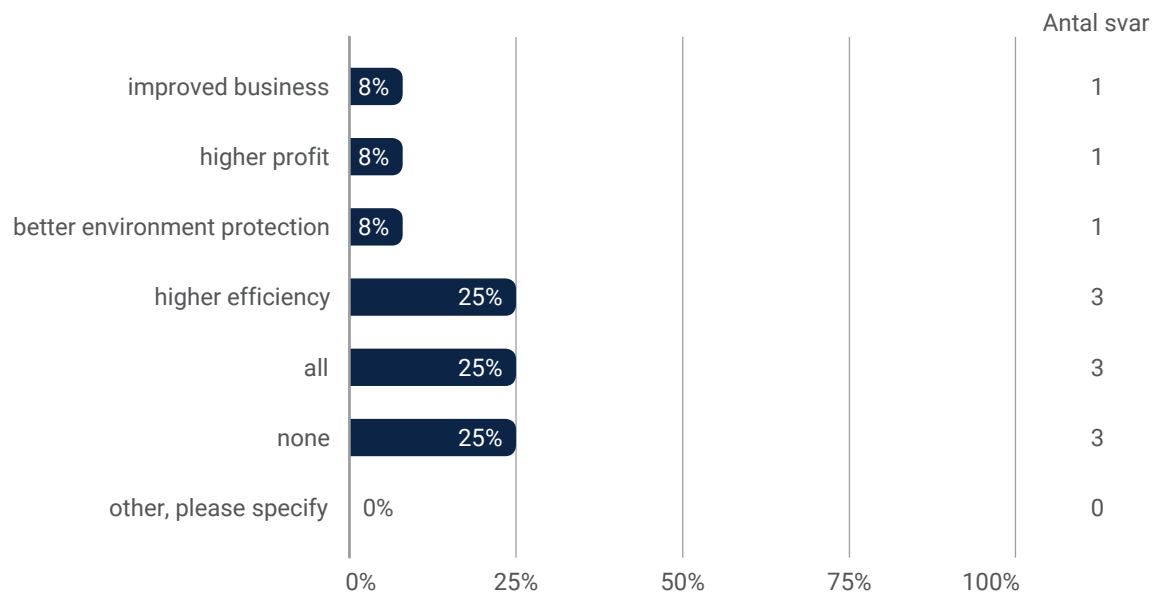
How often do you use or interact with digital technologies or tools in your work?



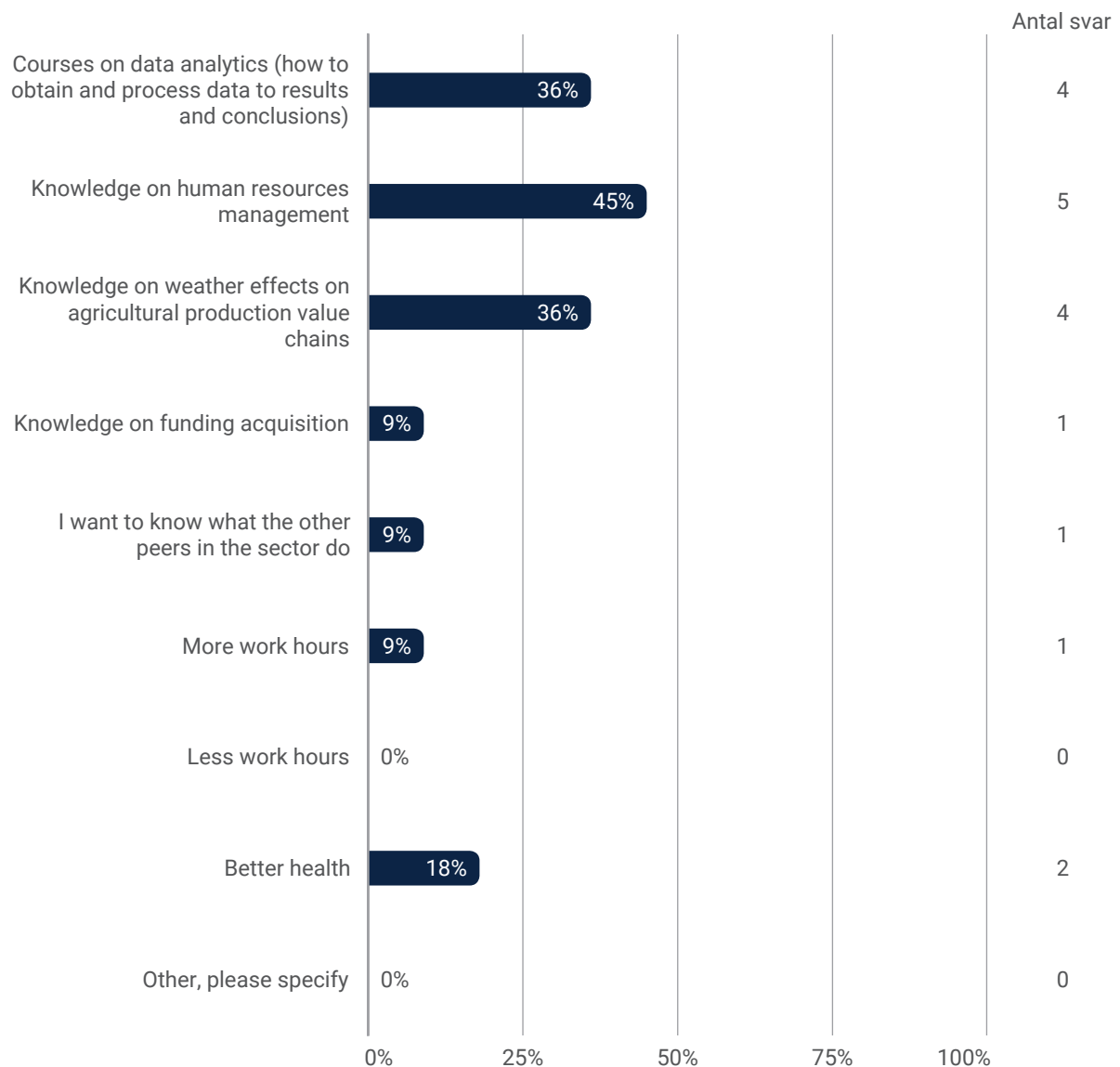
How confident are you in your ability to use or learn new digital technologies or tools in your work?



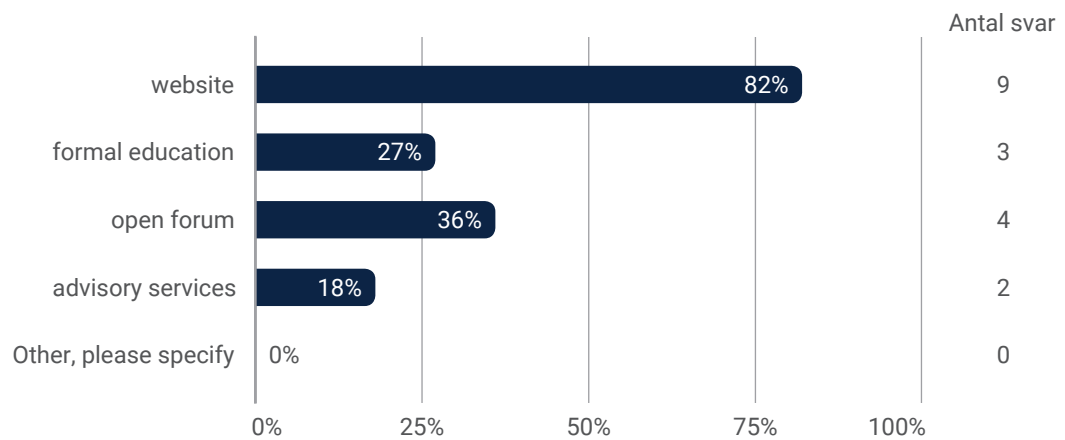
What are the main challenges that you experience or anticipate from using digital technologies or tools in your work?



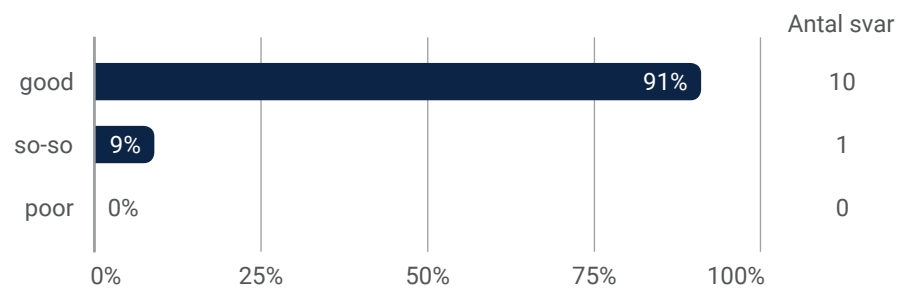
What skills or knowledge do you have or need to improve your performance and productivity in your work? (max three choices)



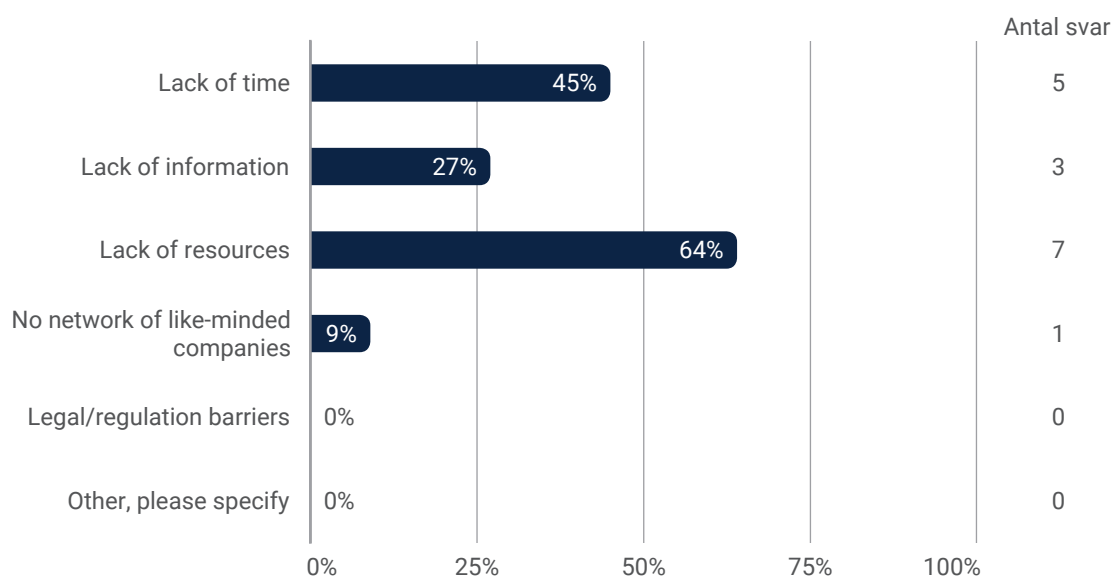
How do you access or prefer to access information or training on agribusiness skills or topics? (max three choices)



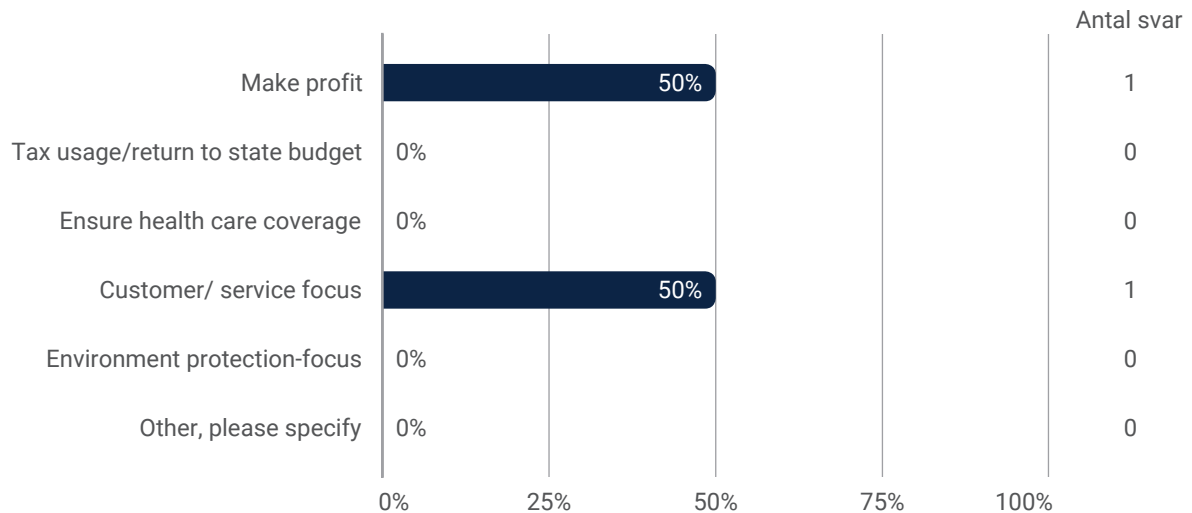
How satisfied are you with the quality and relevance of the information or training that you have received or accessed on agribusiness skills or topics?



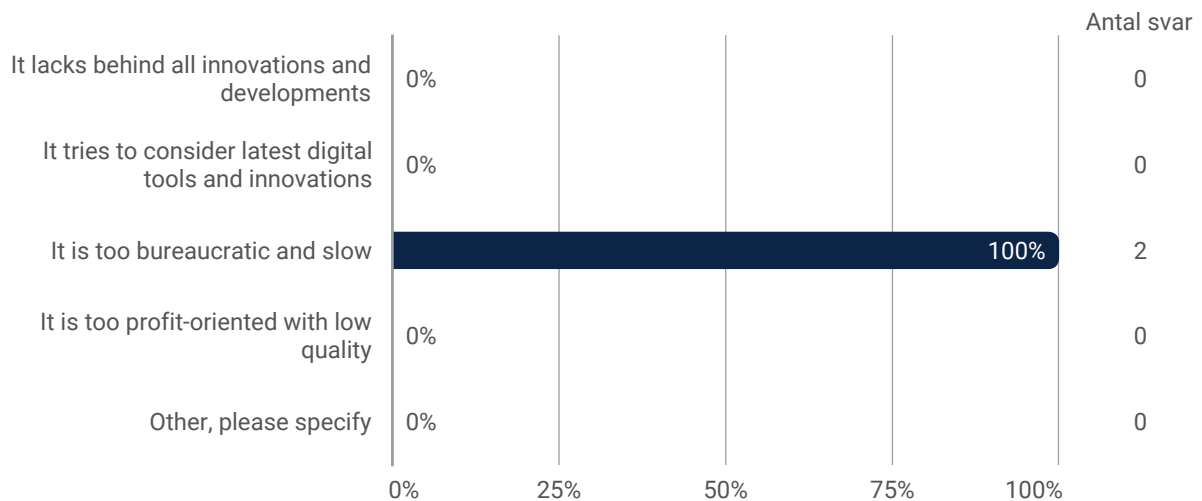
What are the barriers that affect your participation or engagement in information or training on agribusiness skills or topics? (max three choices)



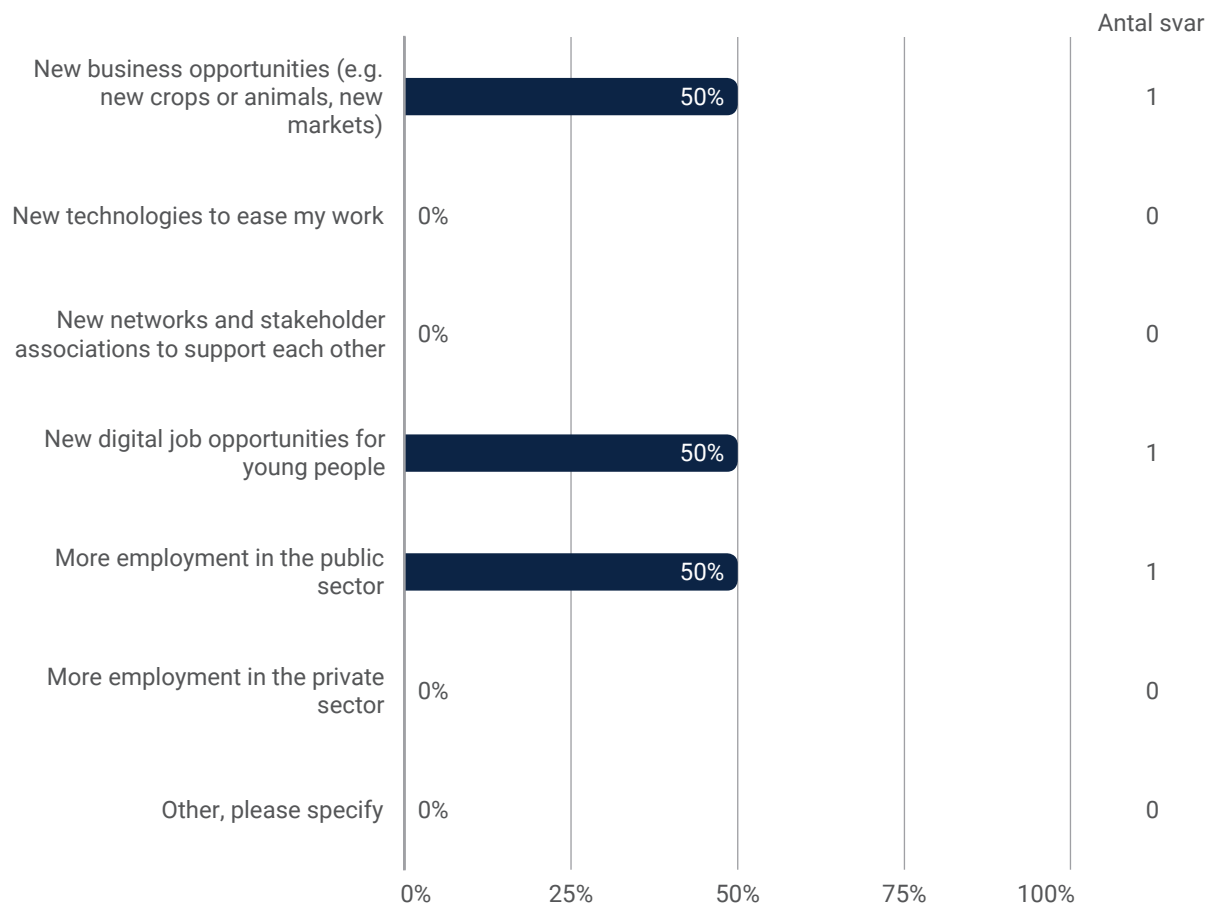
What are the main goals or objectives of your agribusiness organization or enterprise? (max three choices)



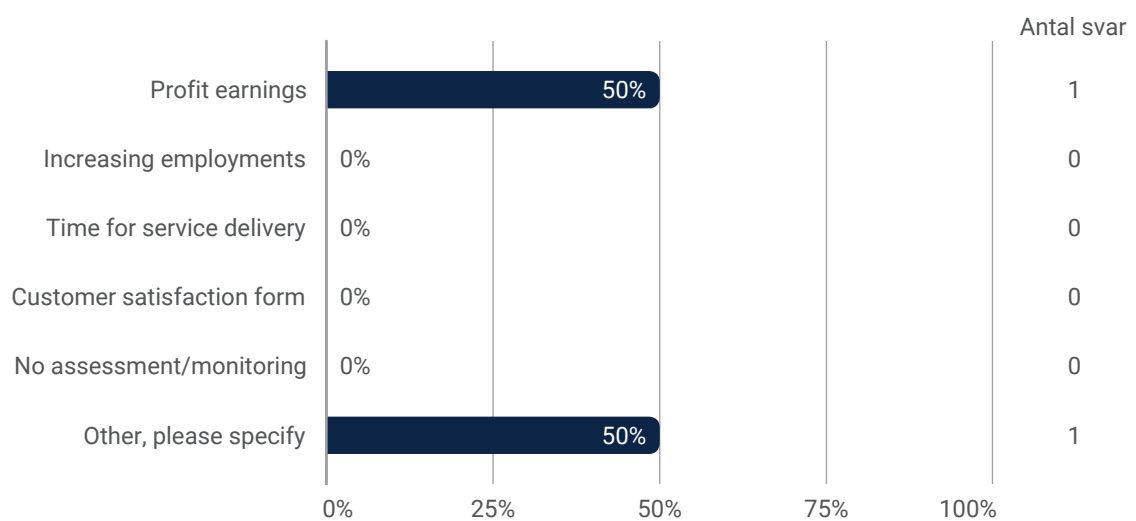
How has the agribusiness sector changed or evolved in the past few years, especially in terms of digital transformation or innovation?



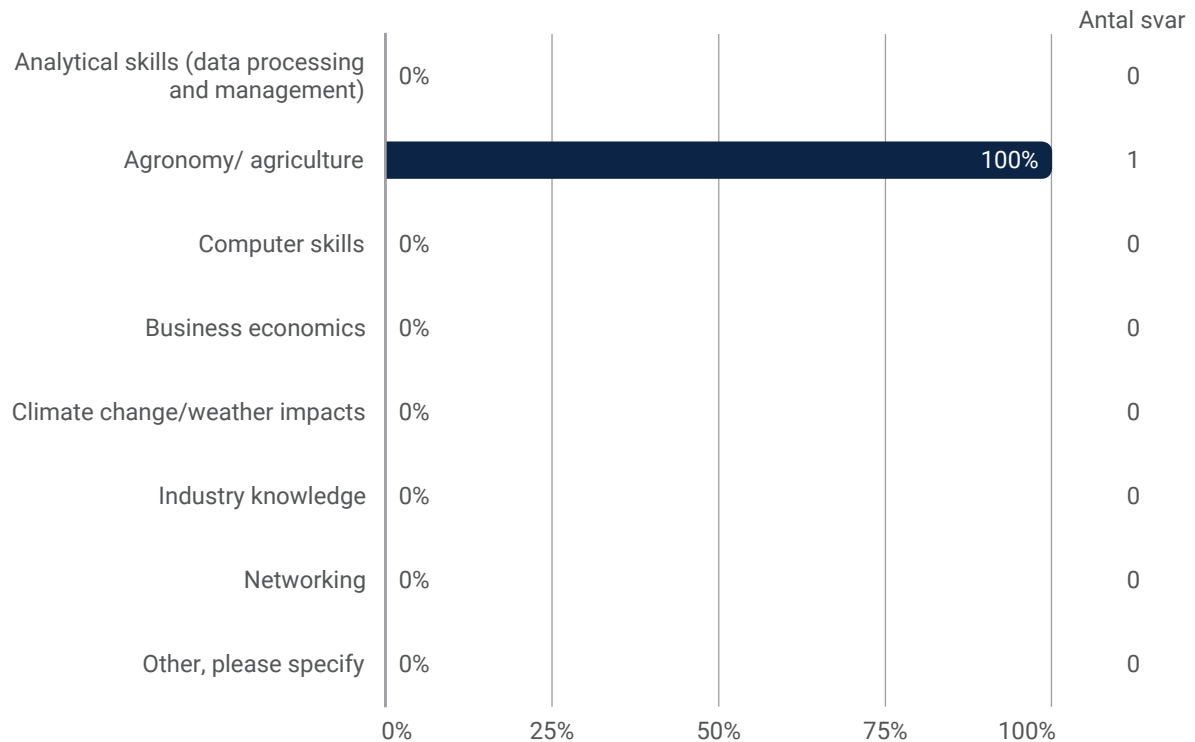
What are the main opportunities that you see or expect from the changing agribusiness sector? (max three choices)



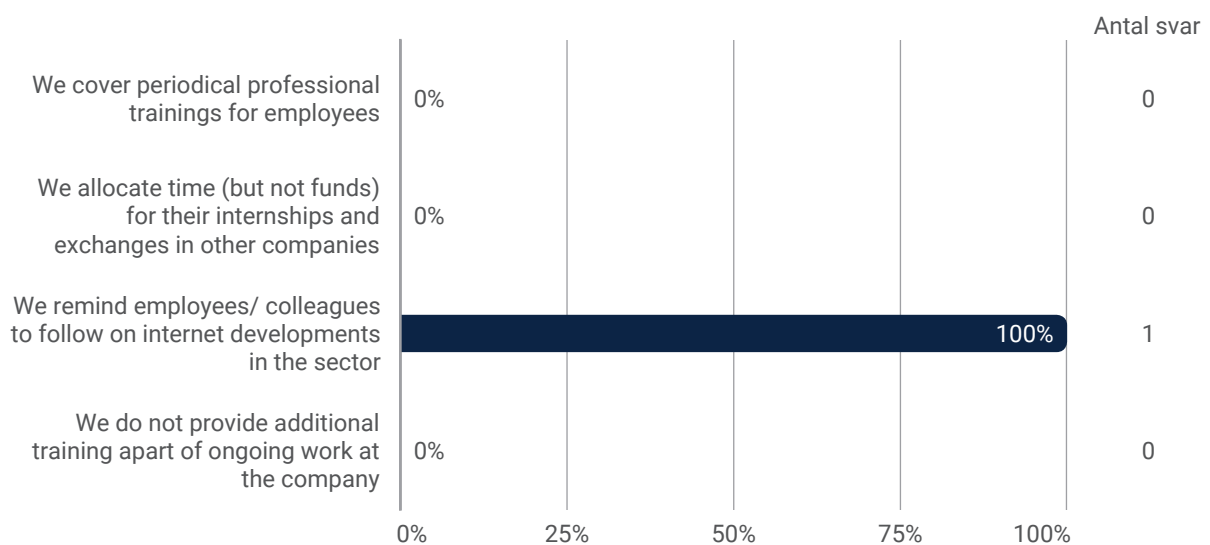
How do you assess or monitor the skills or competencies of your current or potential employee? (max three responses)



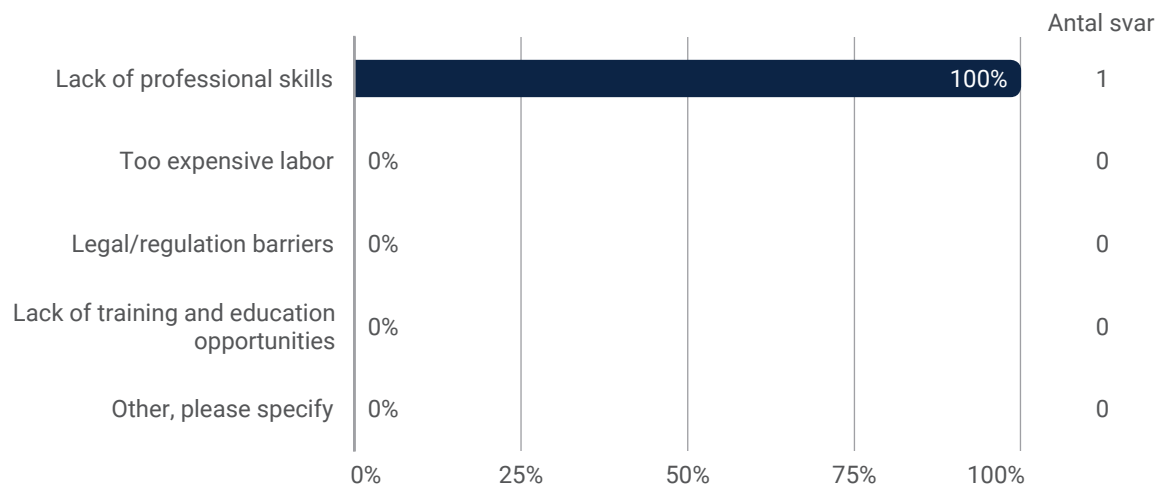
What are the main skills or competencies that you look for or require from your current or potential employees? (max three choices)



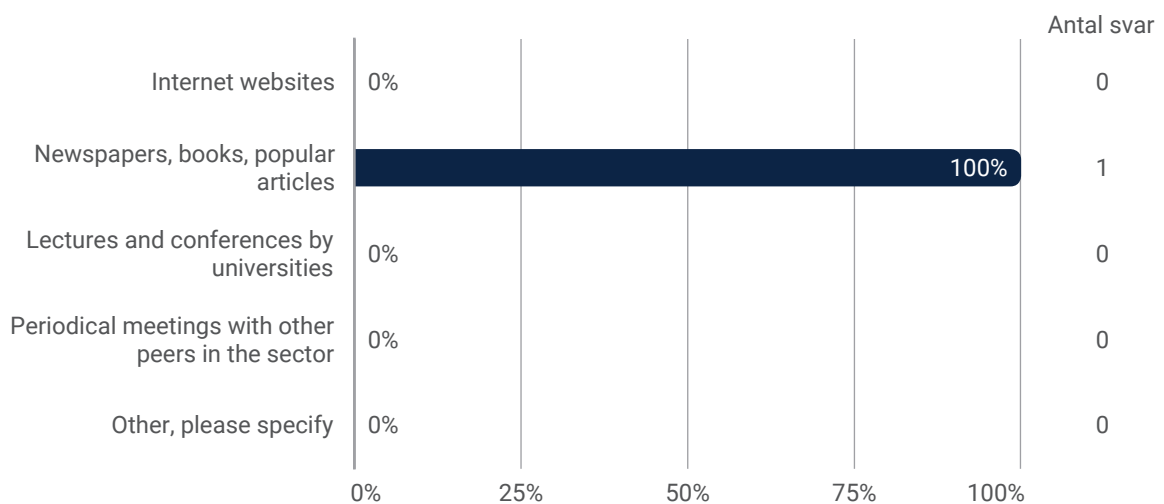
How do you support or facilitate the development or improvement of skills or competencies of your current or potential employees?



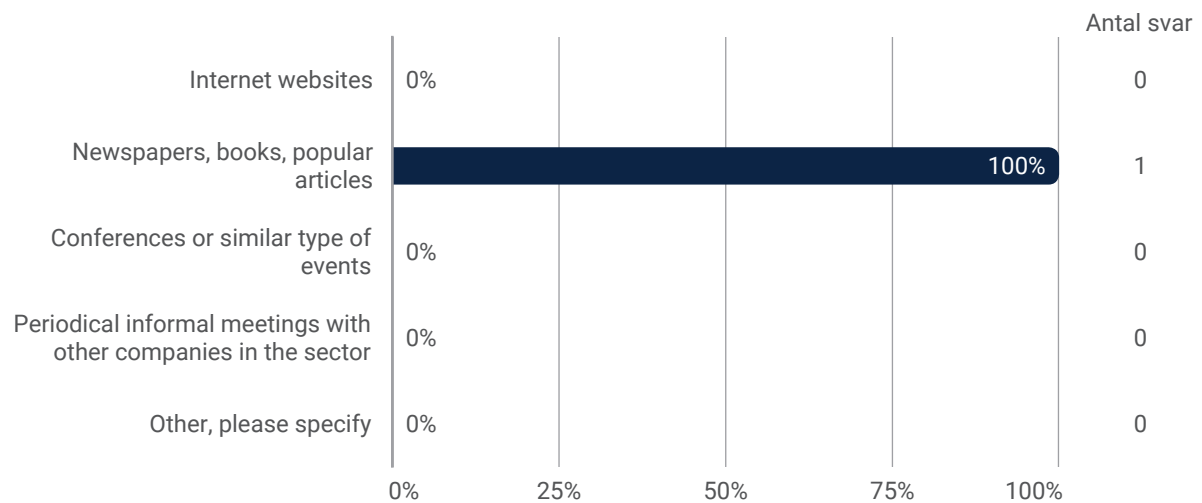
What are the main challenge or difficulty that you face or anticipate in finding, hiring, or retaining skilled or competent employees?



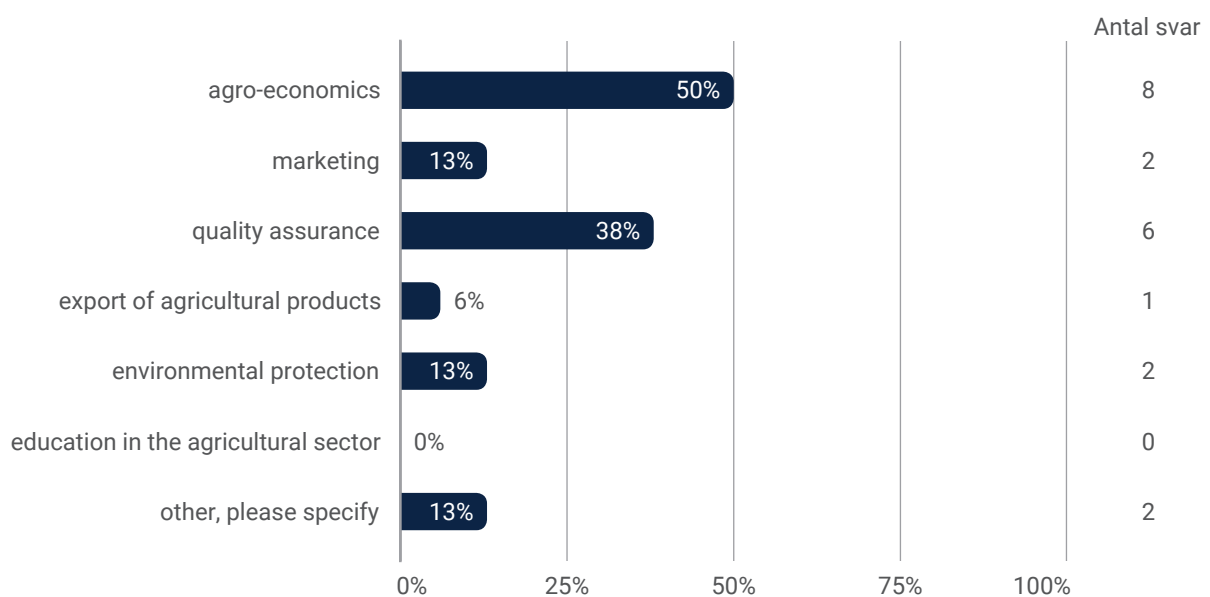
What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics? (max three choices)



How do you collaborate or network with other agribusiness organizations or stakeholders in the sector? (max three choices)



What are the main policies or regulations that you implement or enforce in the agribusiness sector? (max three choices)

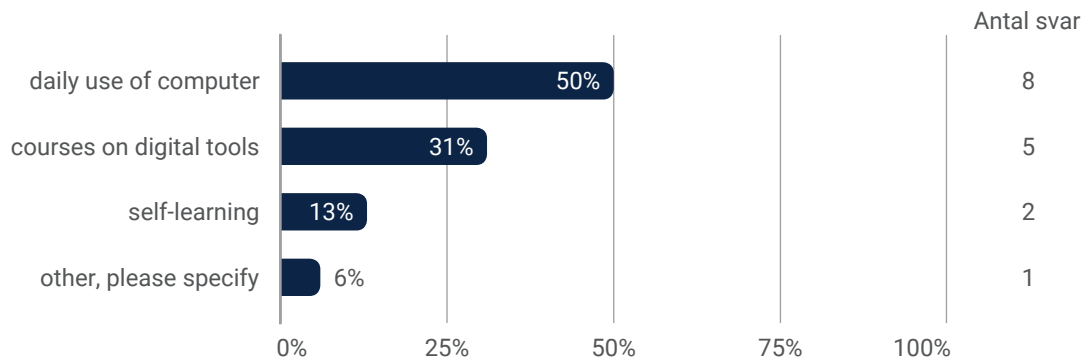


What are the main policies or regulations that you implement or enforce in the agribusiness sector? (max three choices) - other, please specify

Soil & Environmental Research

Agricultural plant protection

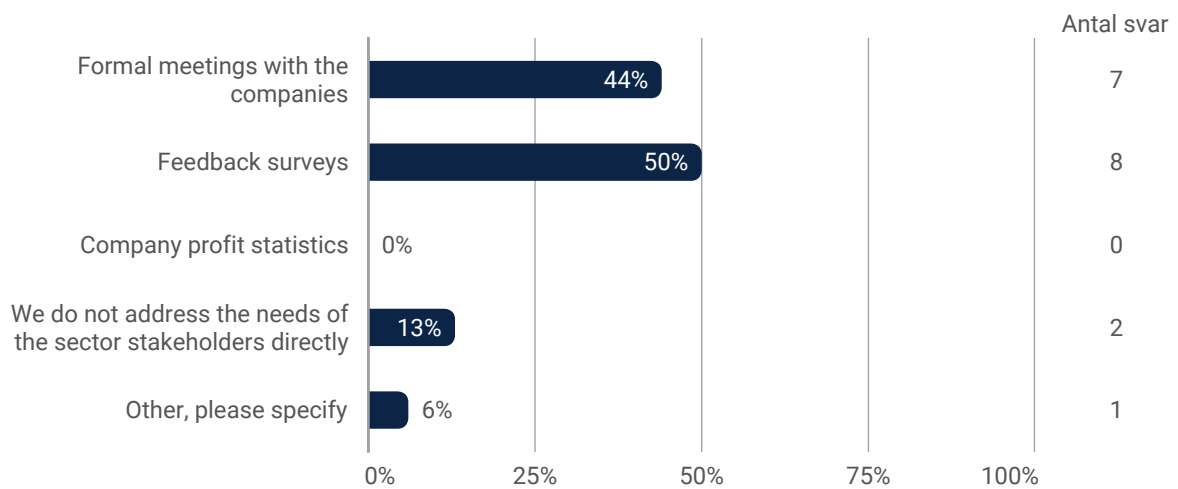
How do you use or promote digital technologies or tools in the agribusiness sector?
(pick main choice)



How do you use or promote digital technologies or tools in the agribusiness sector? (pick main choice)
- other, please specify

Through on line marketing

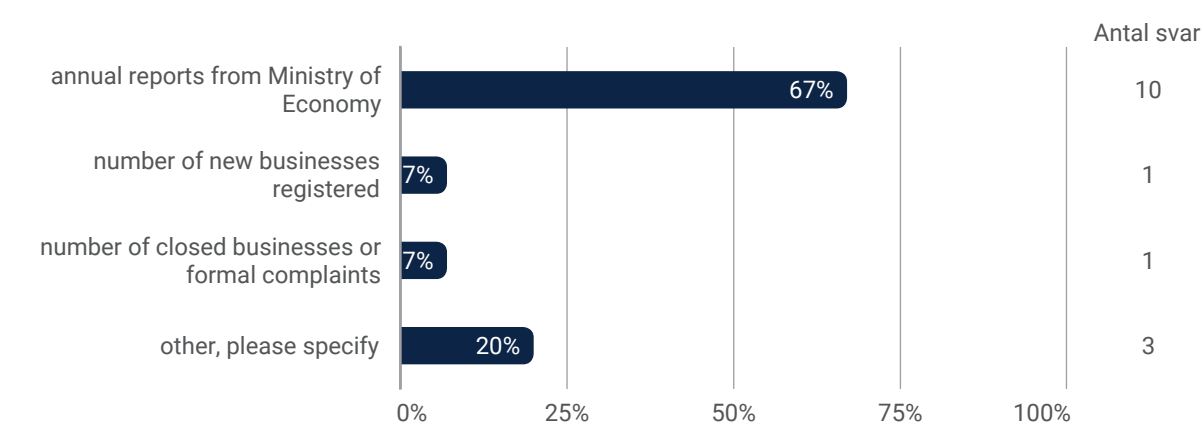
How do you address or balance the needs or interests of different stakeholders in the agribusiness sector, such as producers, consumers, investors, or environmentalists? (max three main choices)



How do you address or balance the needs or interests of different stakeholders in the agribusiness sector, such as producers, consumers, investors, or environmentalists? (max three main choices) - Other, please specify

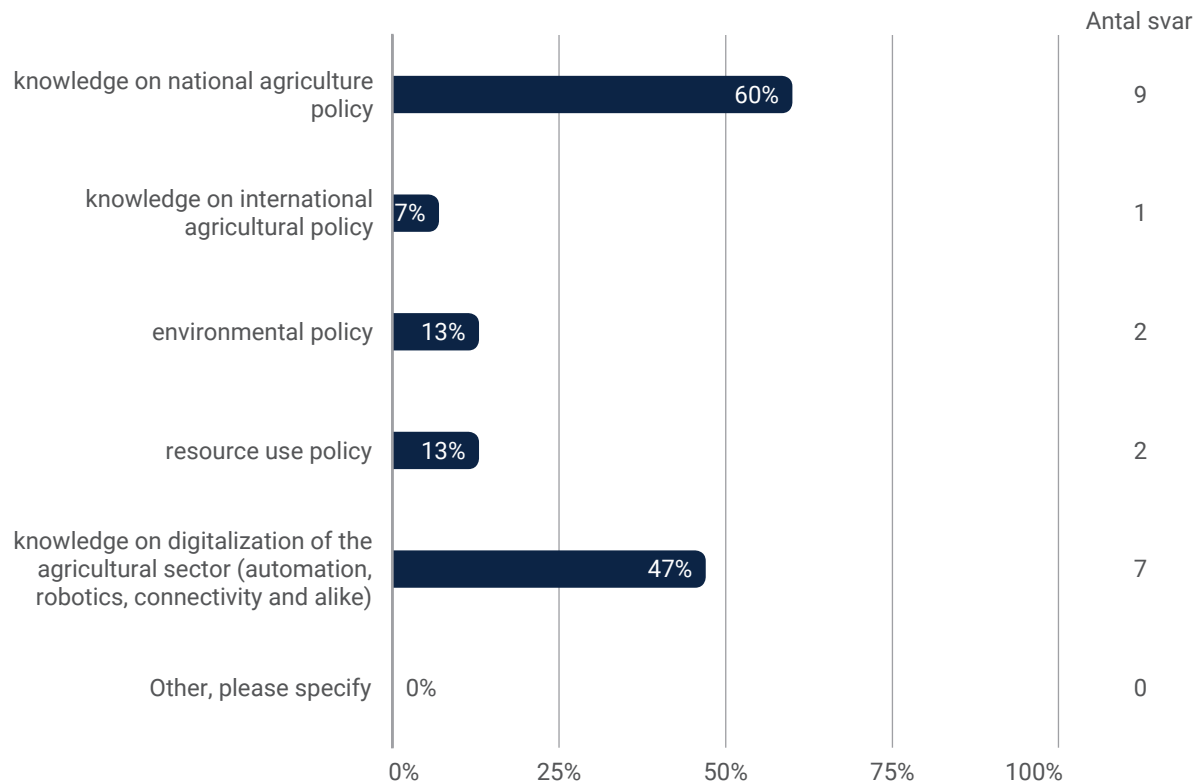
NA

How do you monitor or evaluate the impact or effectiveness of your policies or regulations in the agribusiness sector?

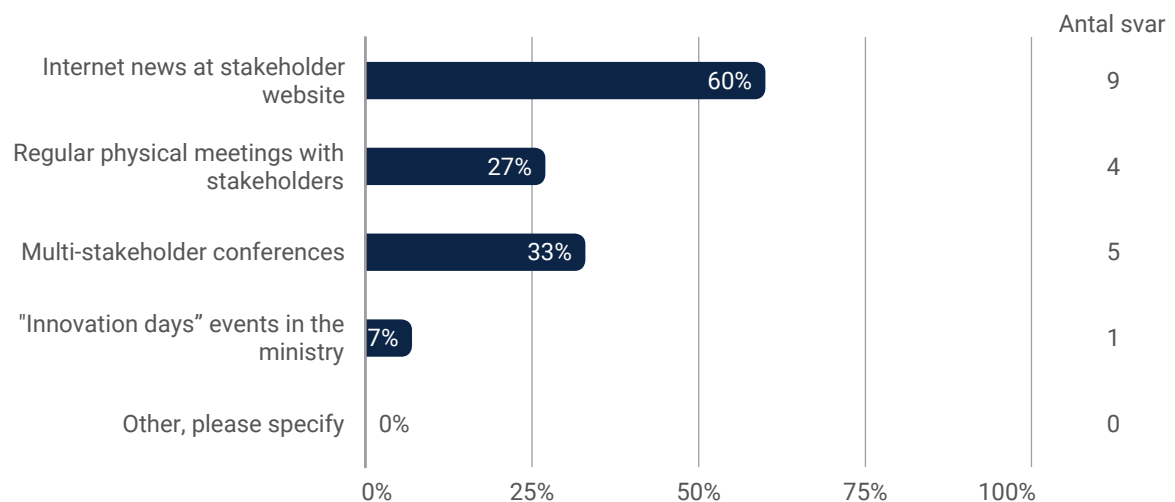


| How do you monitor or evaluate the impact or effectiveness of your policies or regulations in the agribusiness sector? - other, please specify |
|---|
| Survey |
| Annual stakeholders |
| Advisory services |

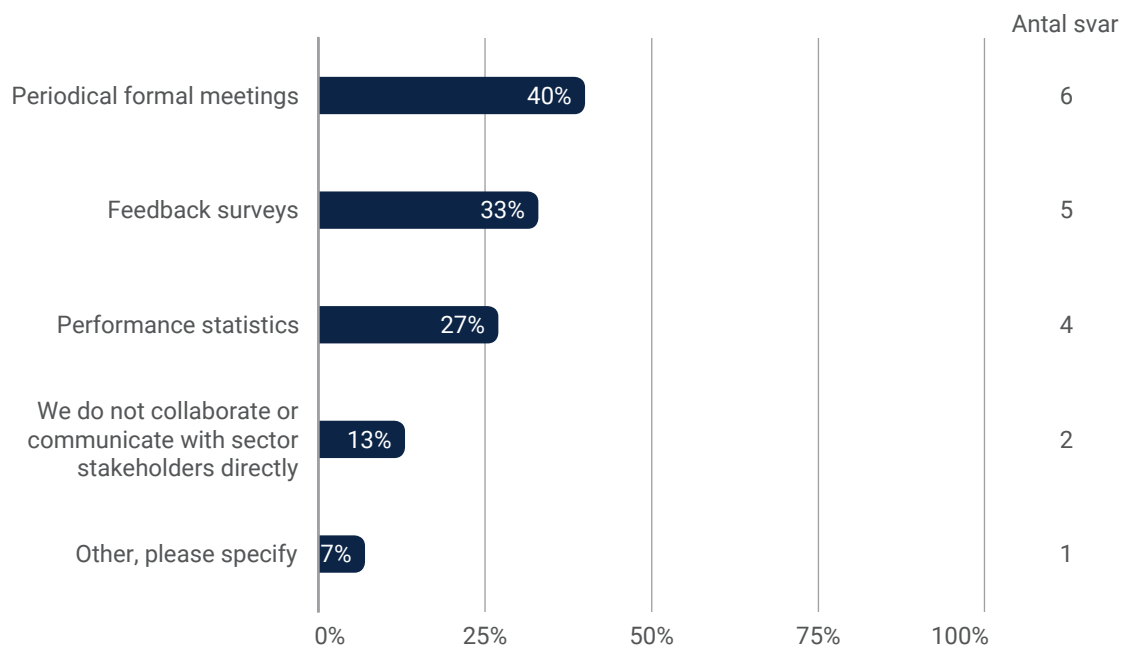
What are the main skills or competencies that you have or need to perform your role or function in the agribusiness sector?
(max three choices)



How do you access or prefer to access information or training on agribusiness skills or topics?
(max two main choices)



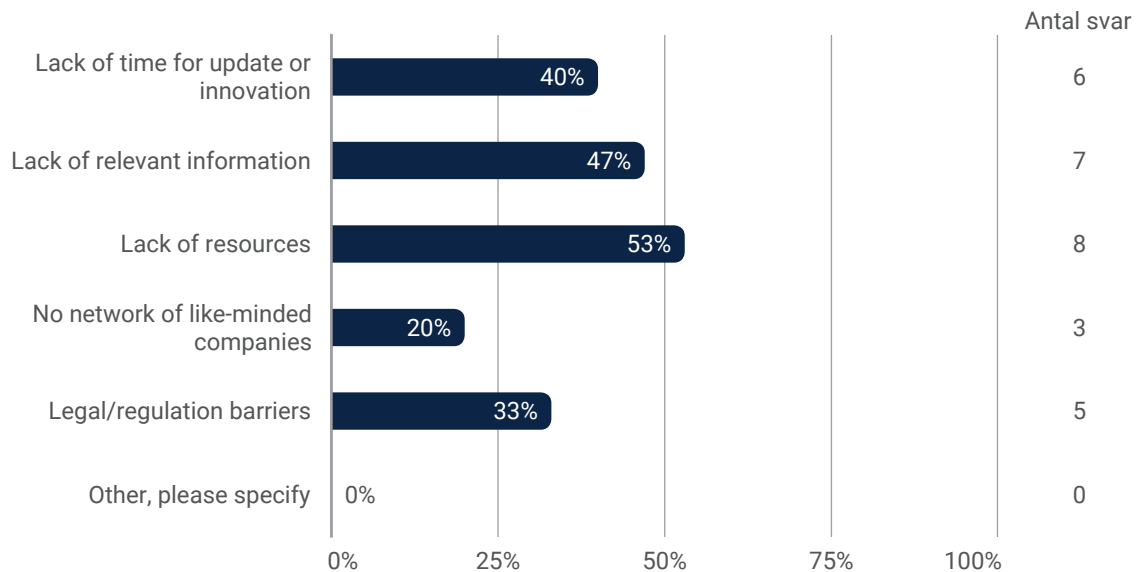
How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as industry associations, civil society organizations, or international agencies?
(max three choices)



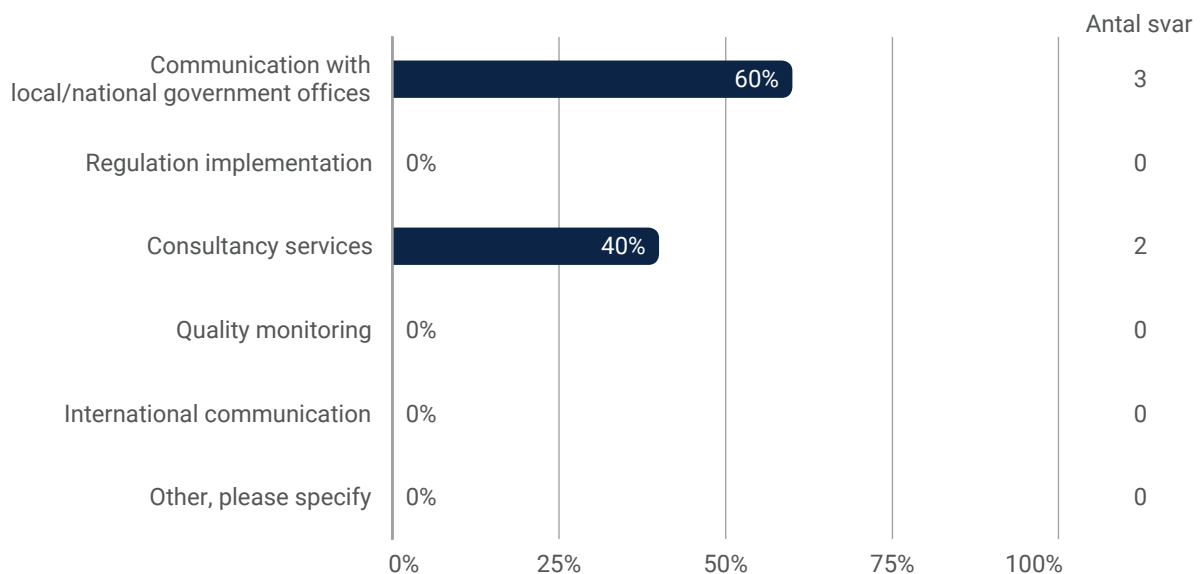
How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as industry associations, civil society organizations, or international agencies?
(max three choices) - Other, please specify

Not relevant with me

What are the main challenges that you face or anticipate in implementing or improving your policies or regulations in the agribusiness sector?
(max three choices)

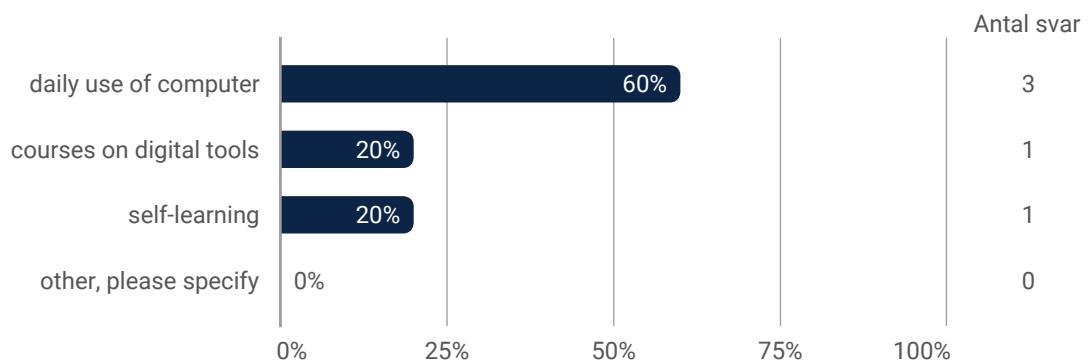


What are the main services or advice that you provide or offer to the agribusiness sector?
(max three choices)



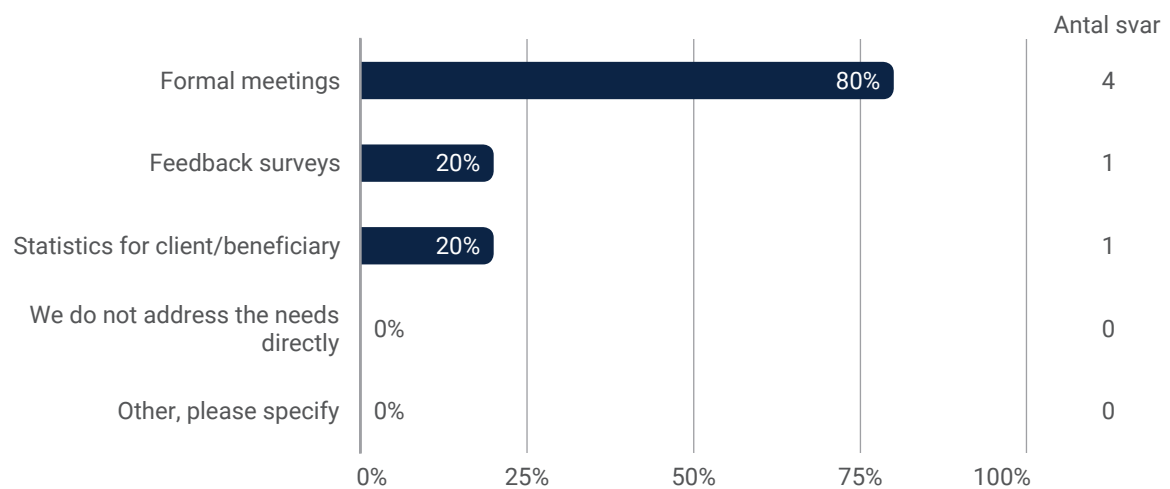
How do you use or recommend digital technologies or tools in the agribusiness sector?

(max two choices)

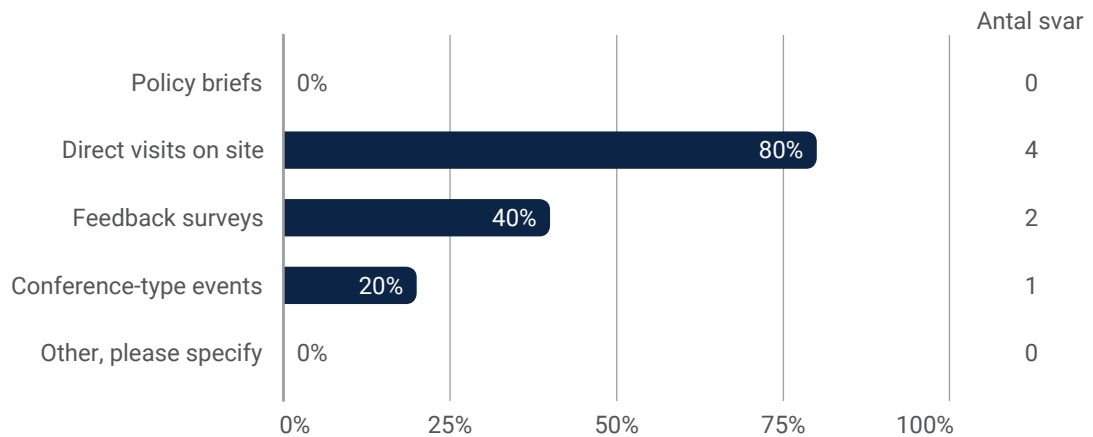


How do you assess or understand the needs or problems of your clients or beneficiaries in the agribusiness sector?

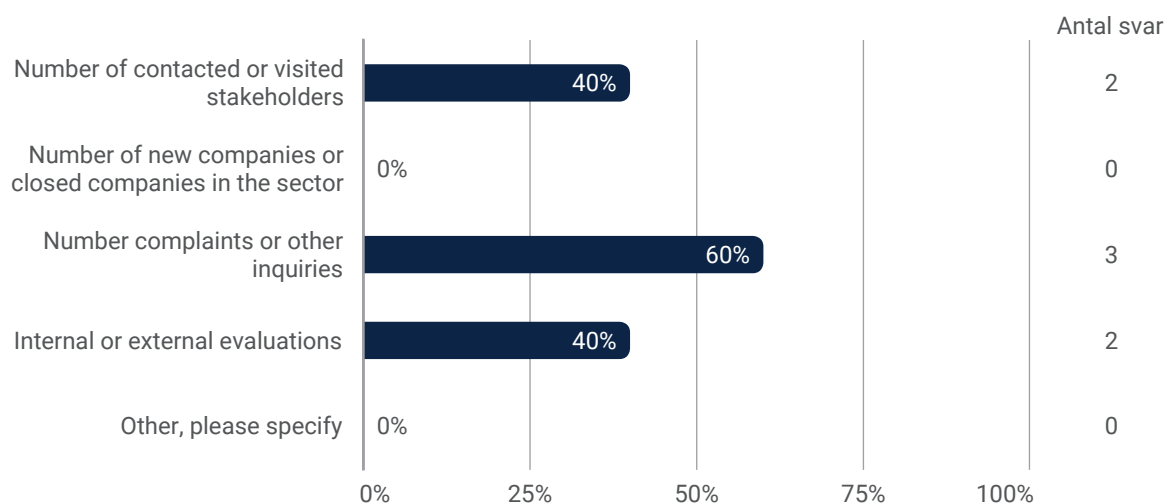
(max three choices)



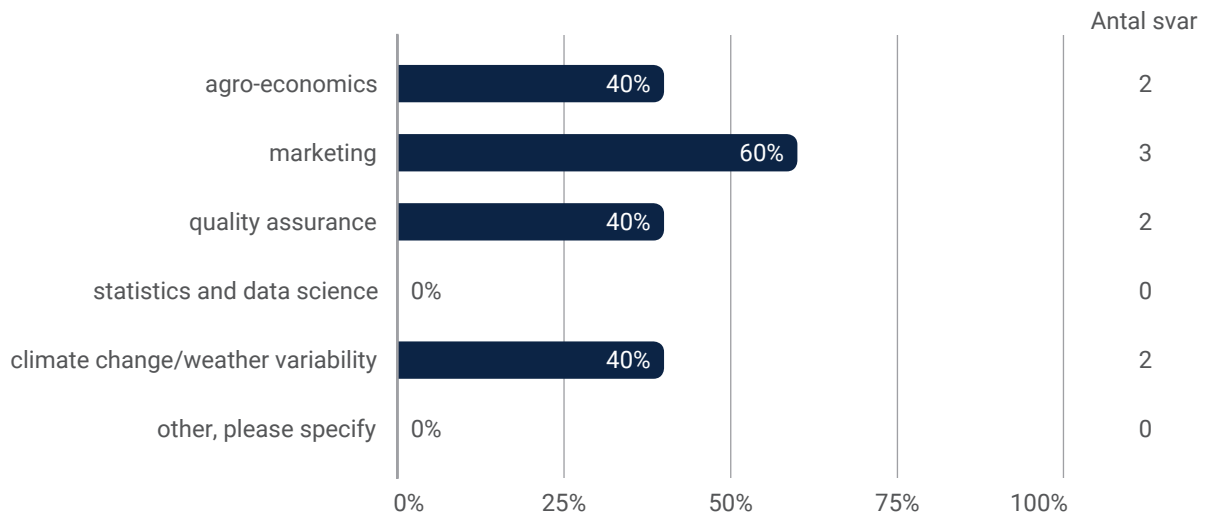
How do you deliver or disseminate your services or advice to your clients or beneficiaries in the agribusiness sector?
(max three choices)



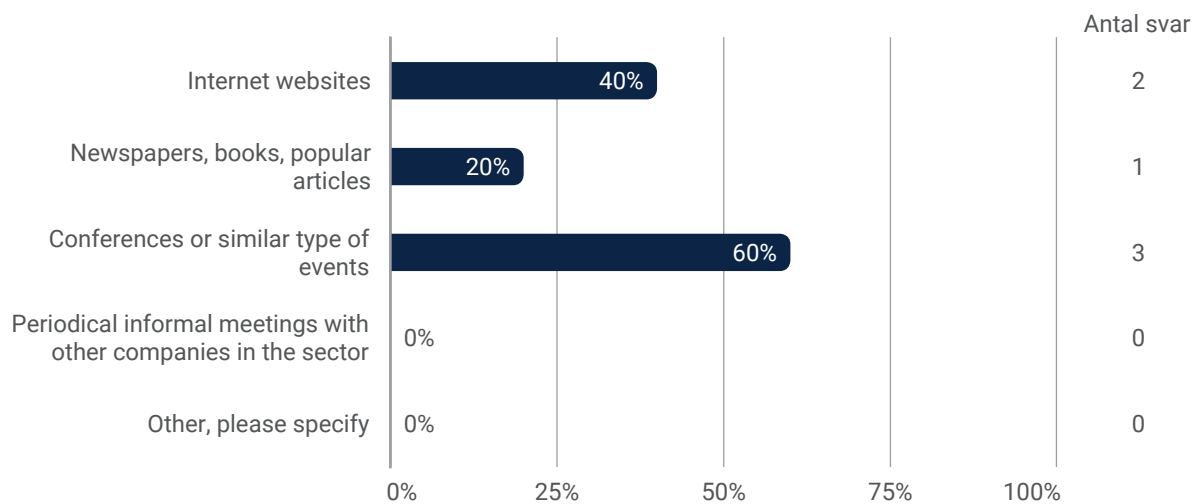
How do you measure or demonstrate the value or impact of your services or advice in the agribusiness sector?
(max three choices)



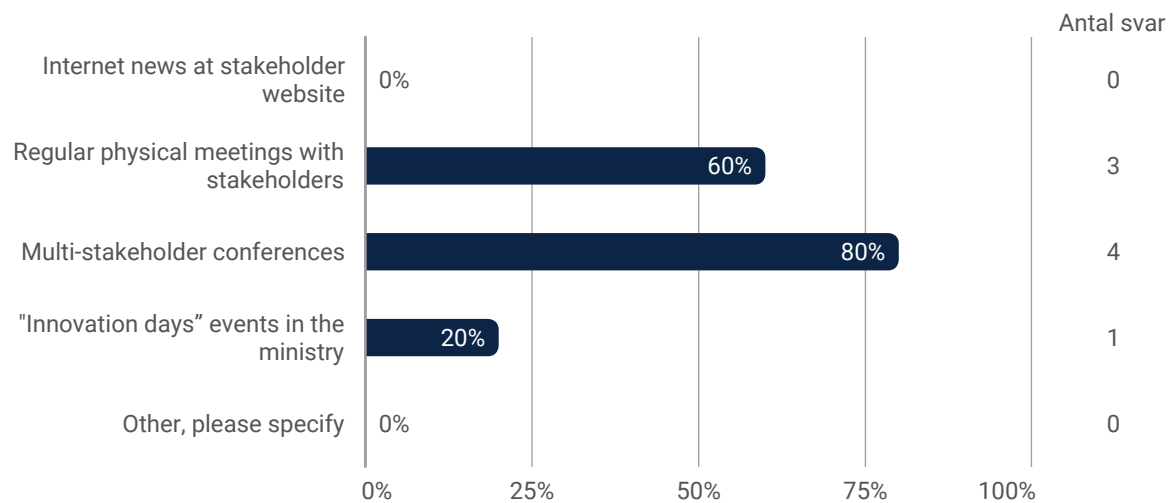
What are the main skills or competencies that you have or need to provide or improve your services or advice in the agribusiness sector?
(max three choices)



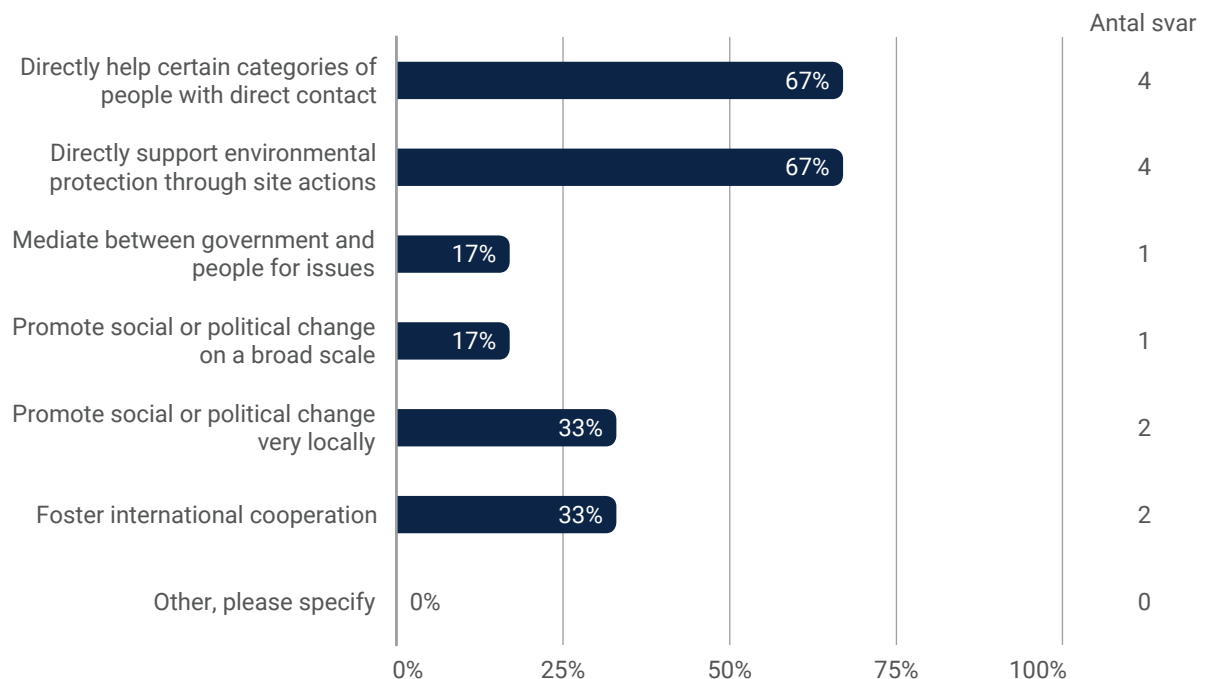
How do you access or prefer to access information or training on agribusiness skills or topics?
(max three main choices)



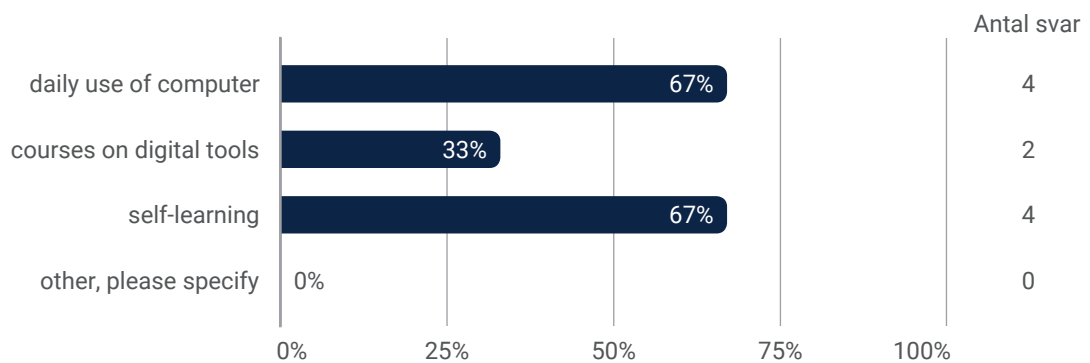
How do you collaborate or network with other stakeholders in the agribusiness sector, such as researchers, educators, or policy makers? (max three choices)



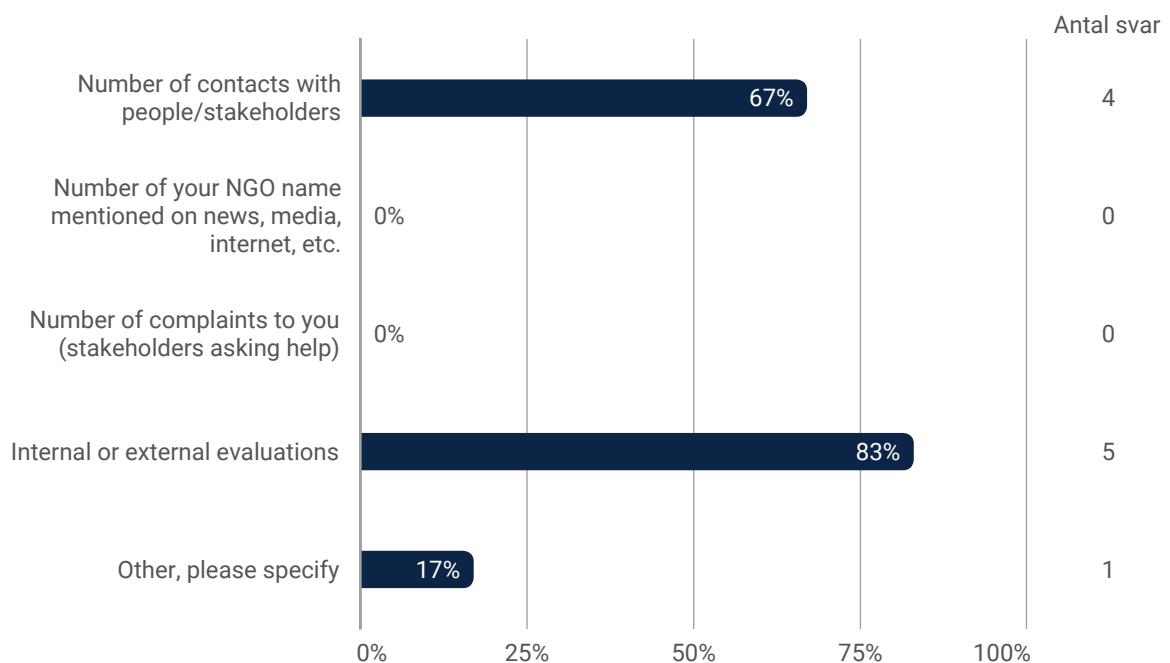
What are the main goals or missions of your NGO in the agribusiness sector? (max three main choices)



How do you implement or support digital technologies or tools in your agribusiness projects or activities?



How do you evaluate or demonstrate the impact or effectiveness of your agribusiness projects or activities?

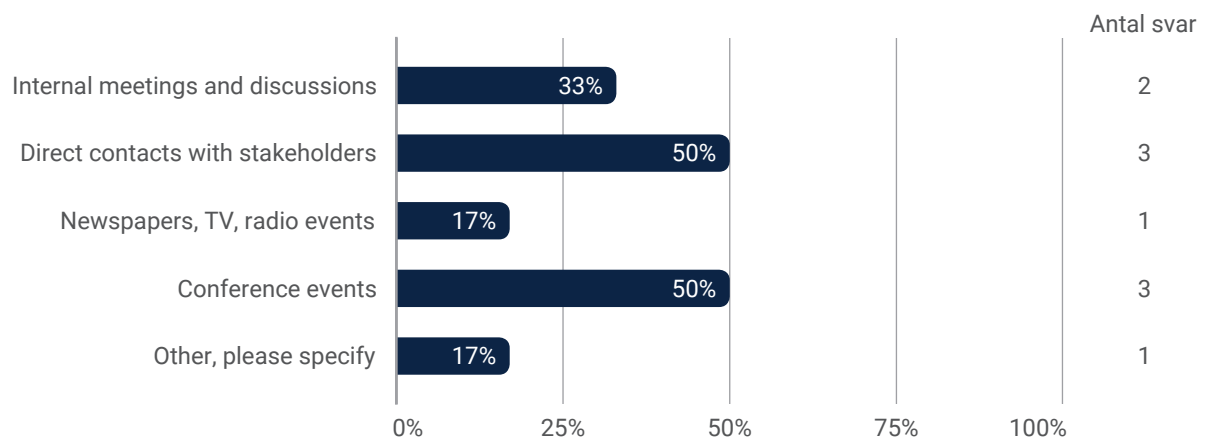


How do you evaluate or demonstrate the impact or effectiveness of your agribusiness projects or activities?

- Other, please specify

Outcome study

How do you collaborate or coordinate with other stakeholders in the agribusiness sector, such as farmers, businesses, policy makers, or consumers?

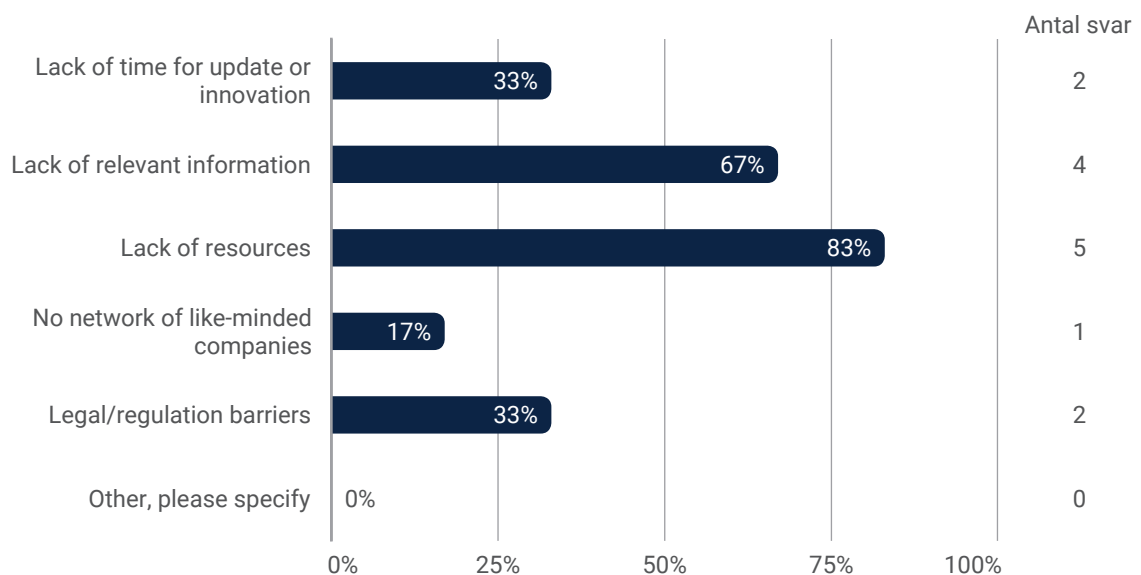


How do you collaborate or coordinate with other stakeholders in the agribusiness sector, such as farmers, businesses, policy makers, or consumers?

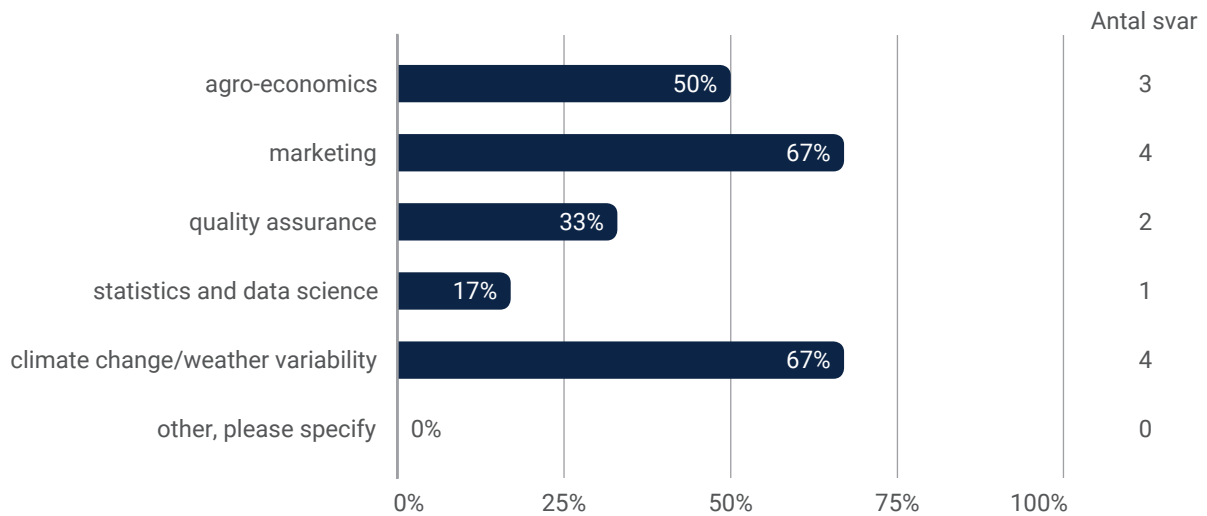
- Other, please specify

Social media

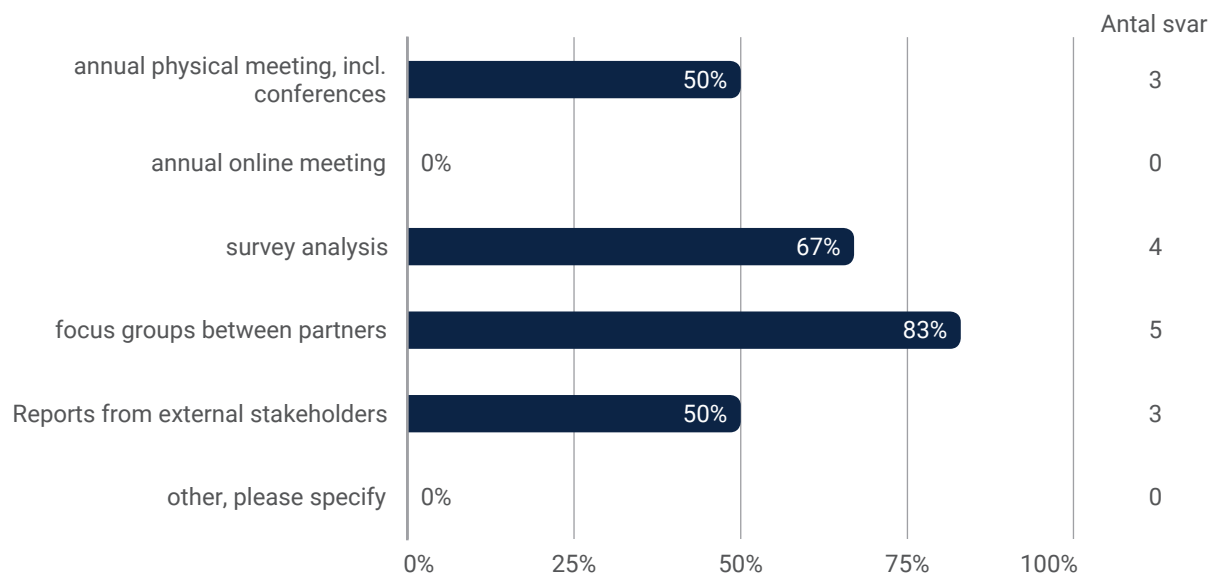
What are the main challenges that you face or foresee in advancing or improving your agribusiness projects or activities?
(max three choices)



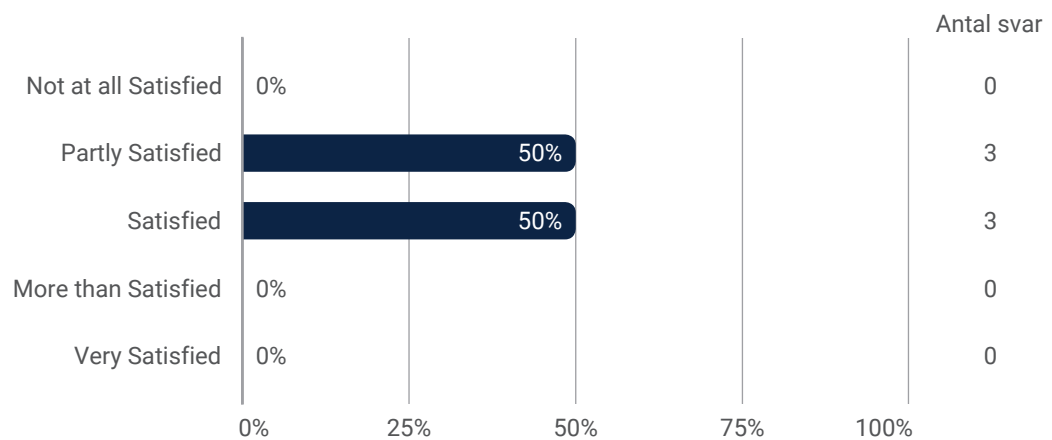
What are the main skills or competencies that you have or need to enhance your performance and productivity in your agribusiness projects or activities?
(max three choices)



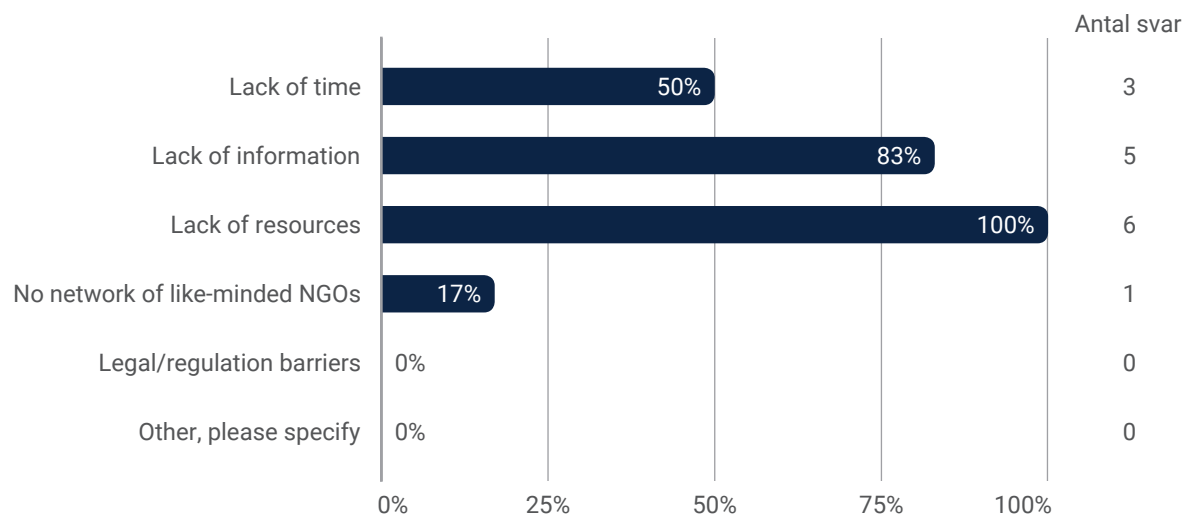
How do you access or prefer to access information or training on agribusiness skills or topics? (max three choices)



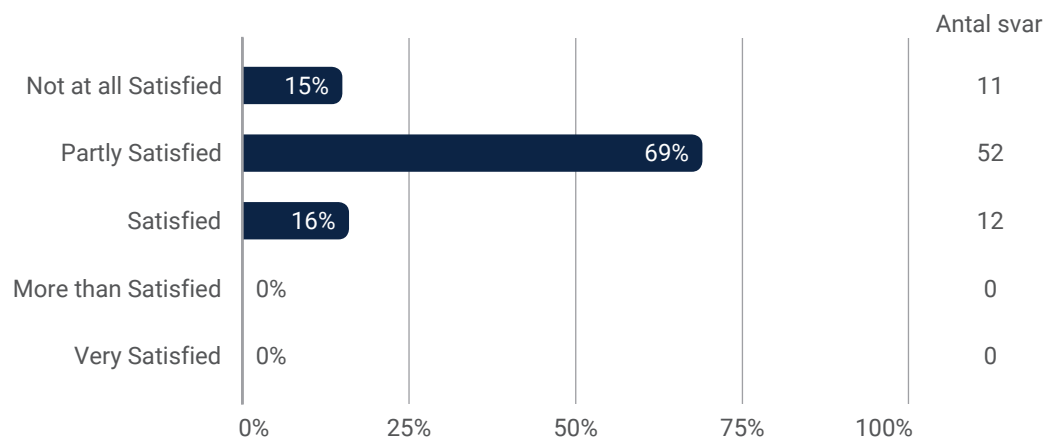
How satisfied are you with the quality and relevance of the information or training that you have received or accessed on agribusiness skills or topics?



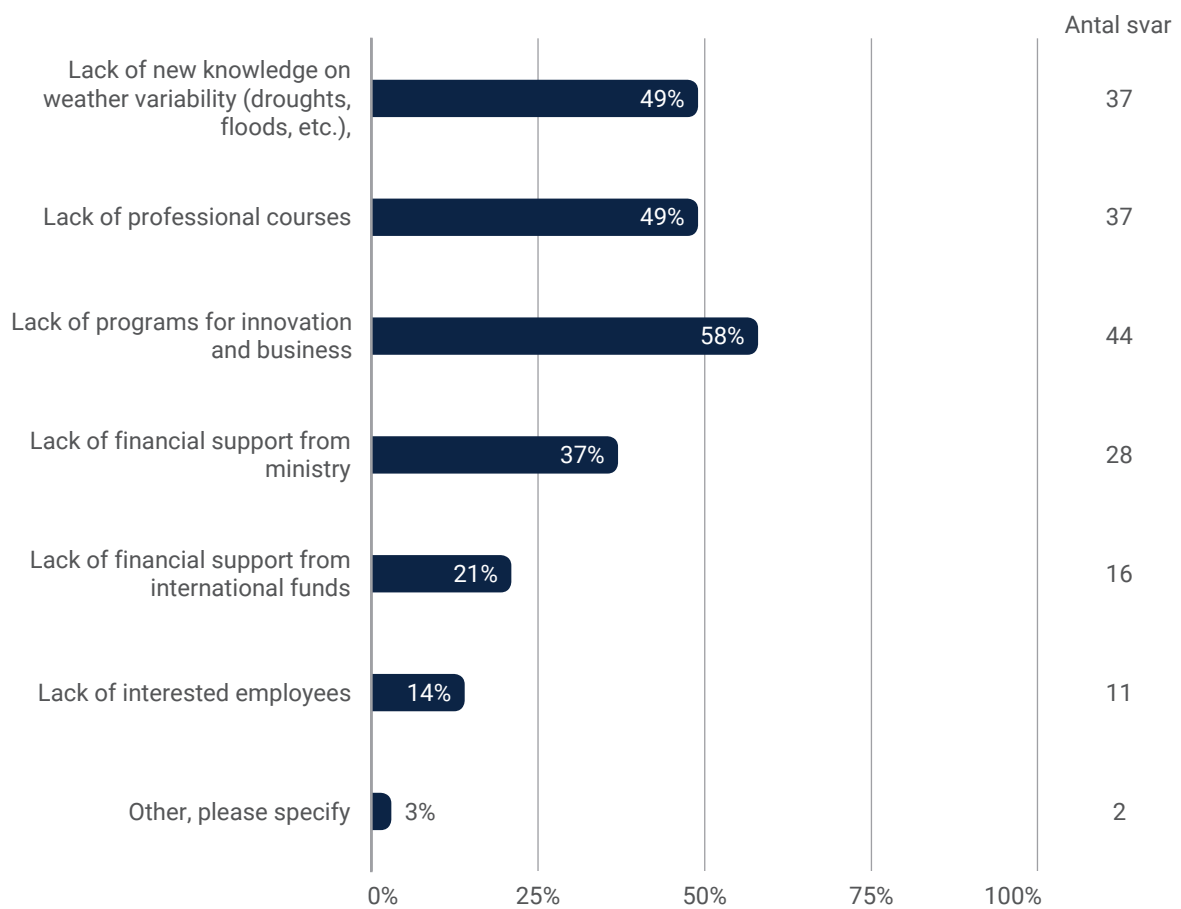
What are the main barriers that affect your participation or engagement in information or training on agribusiness skills or topics?
(max three choices)



How satisfied are you with the current state of the agribusiness sector in your country?



What are the main challenges that you face or foresee in the agribusiness sector?
(max three main choices)

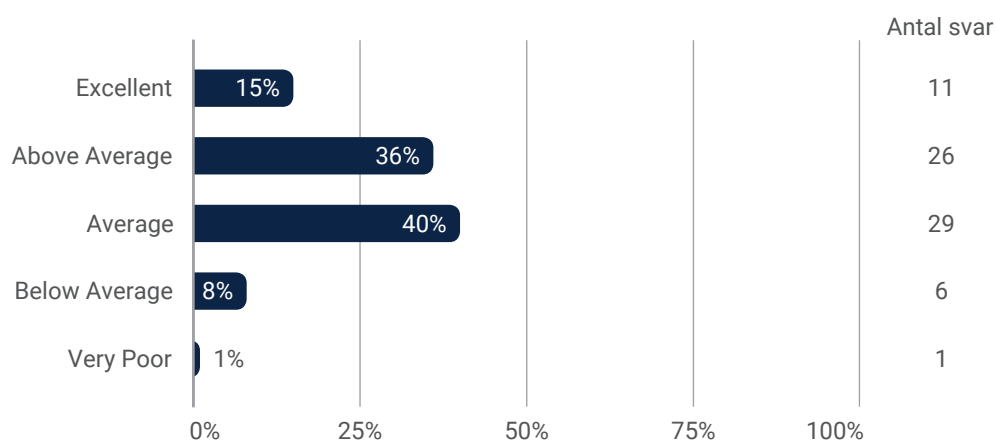


**What are the main challenges that you face or foresee in the agribusiness sector?
(max three main choices) - Other, please specify**

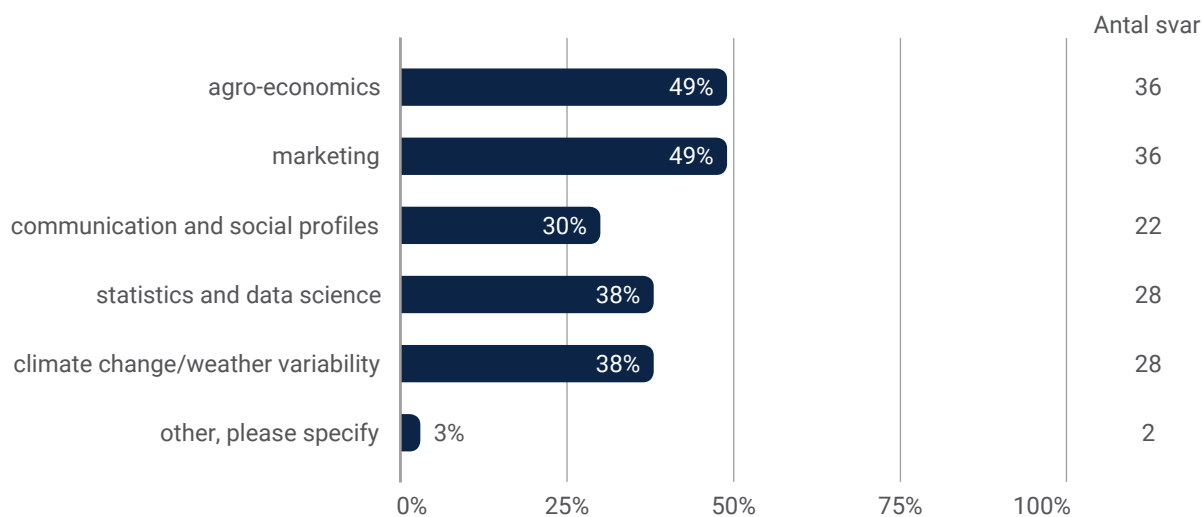
Lack of sincerity and presence of go-between

Lack of education for producers

How do you rate your own skills or competencies in agribusiness management, climate-smart agriculture, or other relevant areas?



What are the most important skills or competencies that you would like to improve or acquire in the agribusiness sector?
(max three main choices)

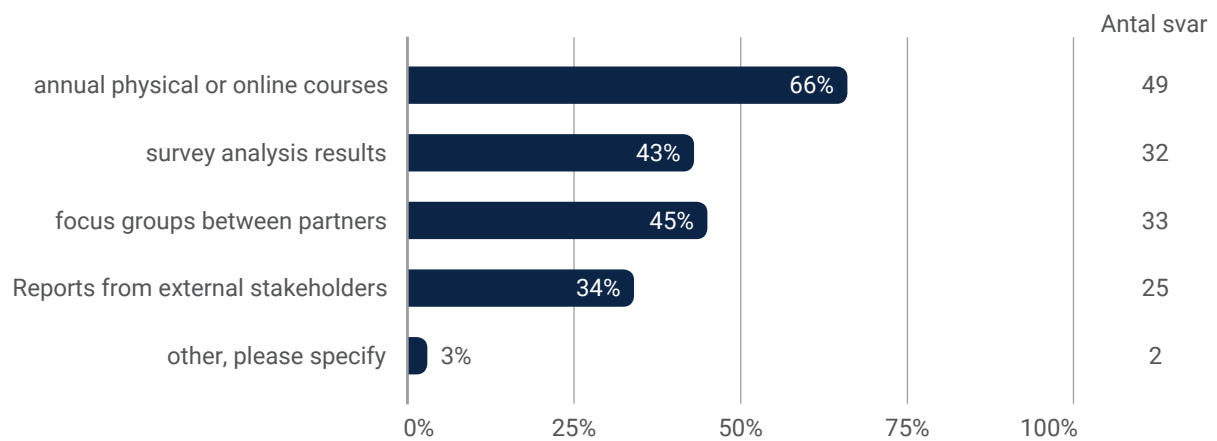


What are the most important skills or competencies that you would like to improve or acquire in the agribusiness sector? (max three main choices) - other, please specify

Soil health

Incubation of entrepreneurship

How do you prefer to learn or update your skills or knowledge in the agribusiness sector? (max three main choices)

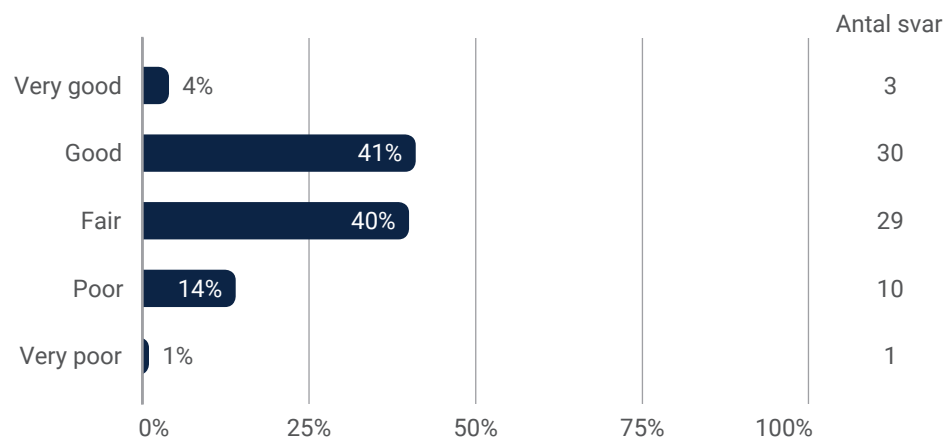


How do you prefer to learn or update your skills or knowledge in the agribusiness sector? (max three main choices) - other, please specify

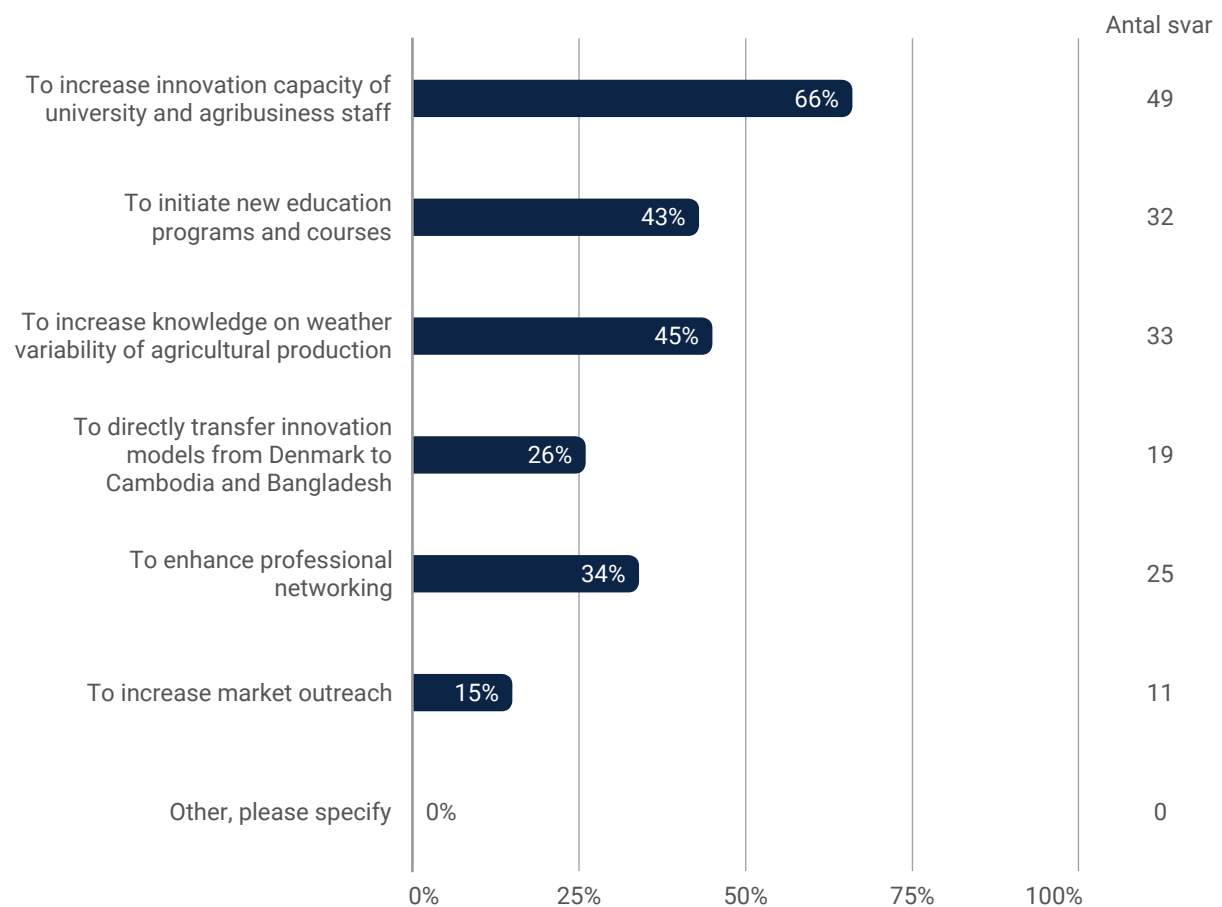
Soil health and crop production

Self moduled high level courses

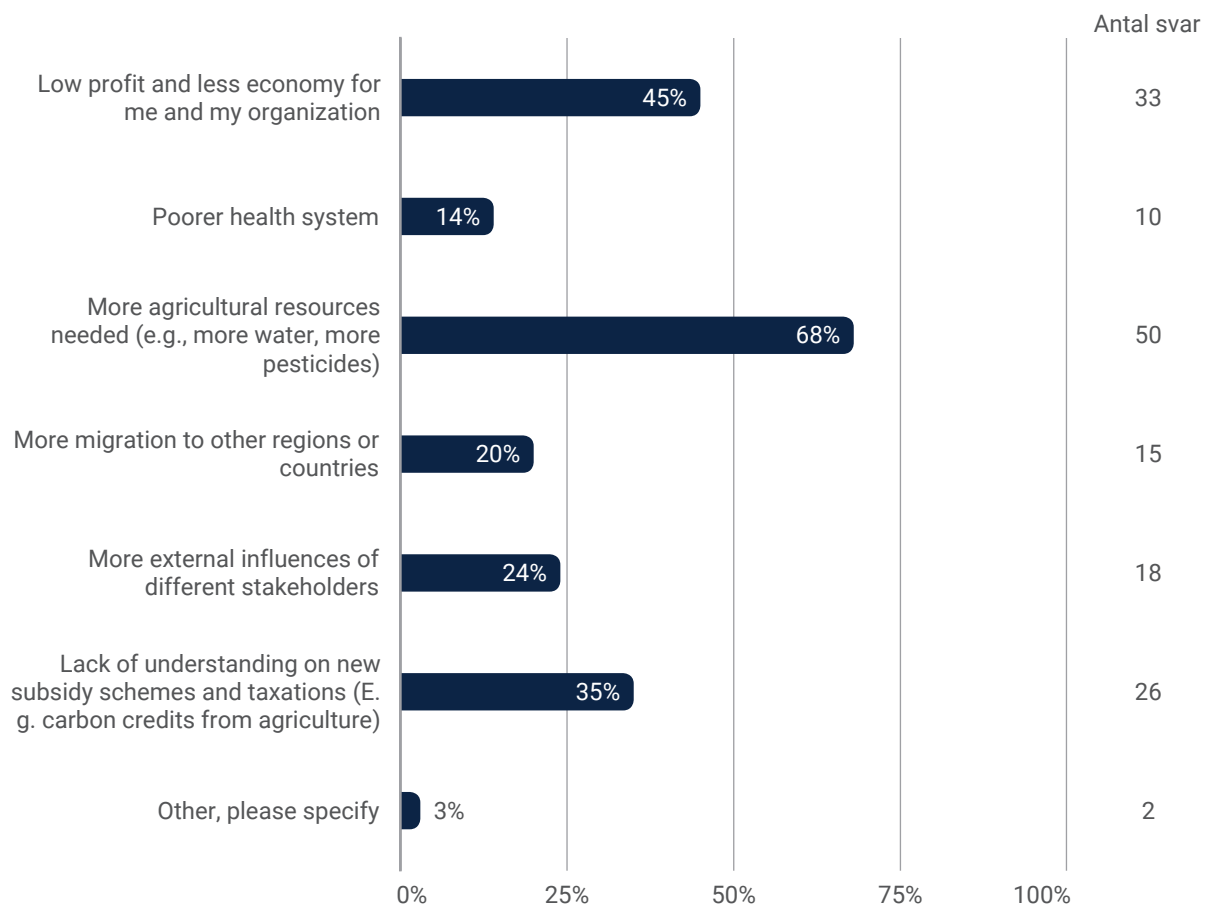
How do you assess the quality and relevance of the existing education or training programs in the agribusiness sector?



What are your expectations or suggestions for the ALIGNING project and its outputs?
(max three main choices)



What are the main challenges or risks that you face or anticipate due to climate change? (max three main choices)

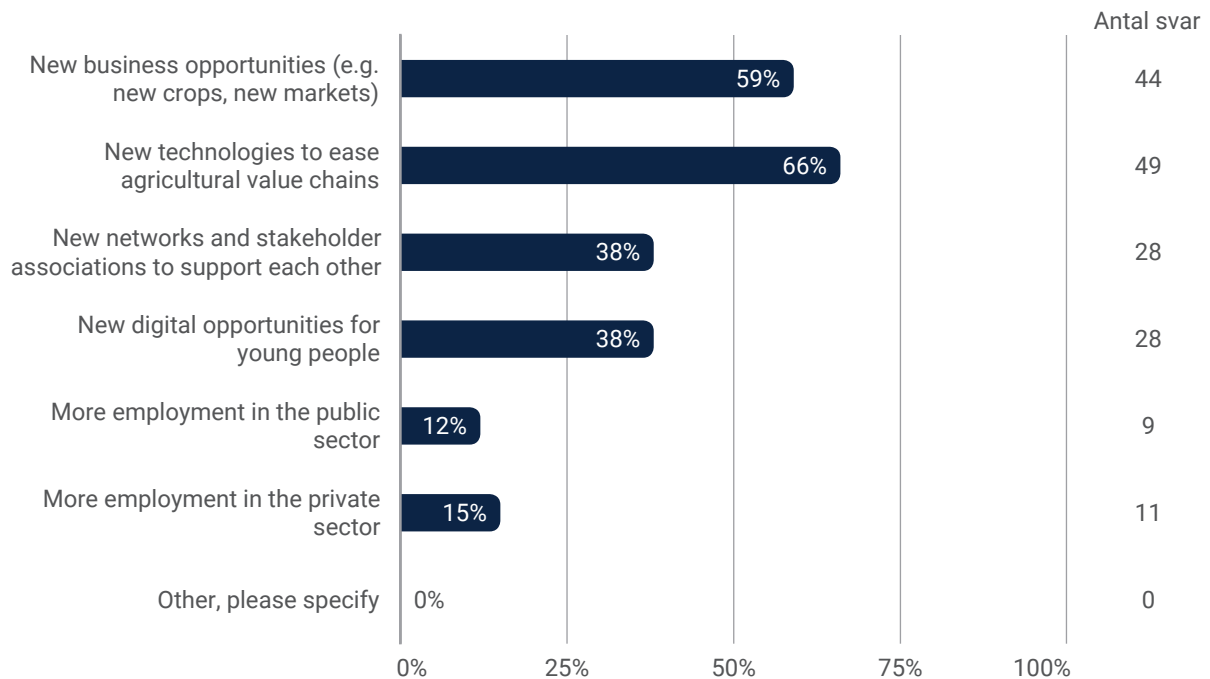


What are the main challenges or risks that you face or anticipate due to climate change? (max three main choices)
- Other, please specify

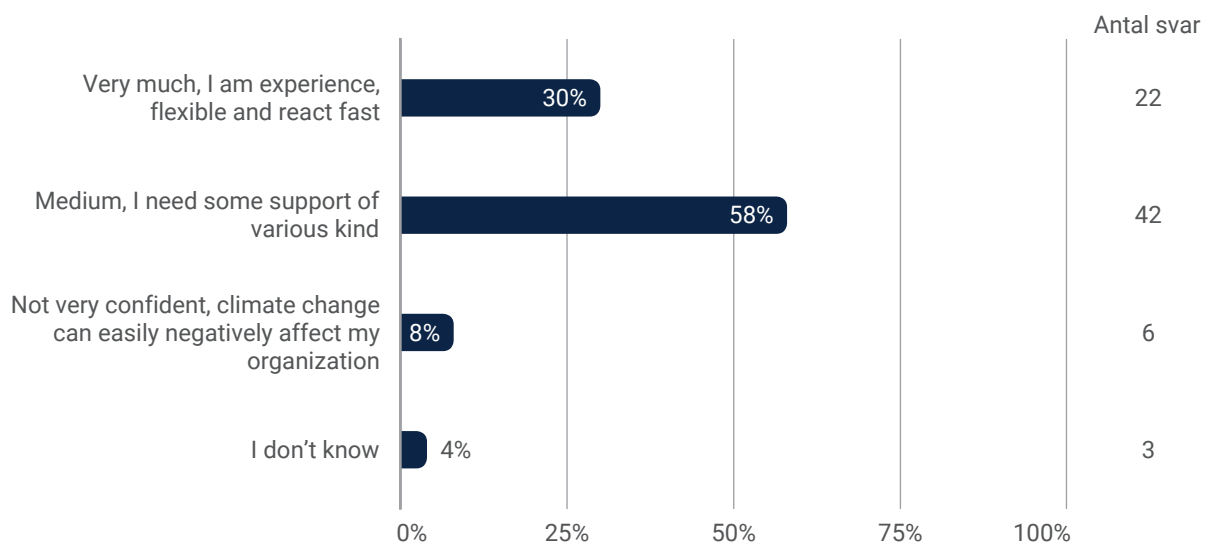
Understanding and choosing more suitable technology

Crop production reduced

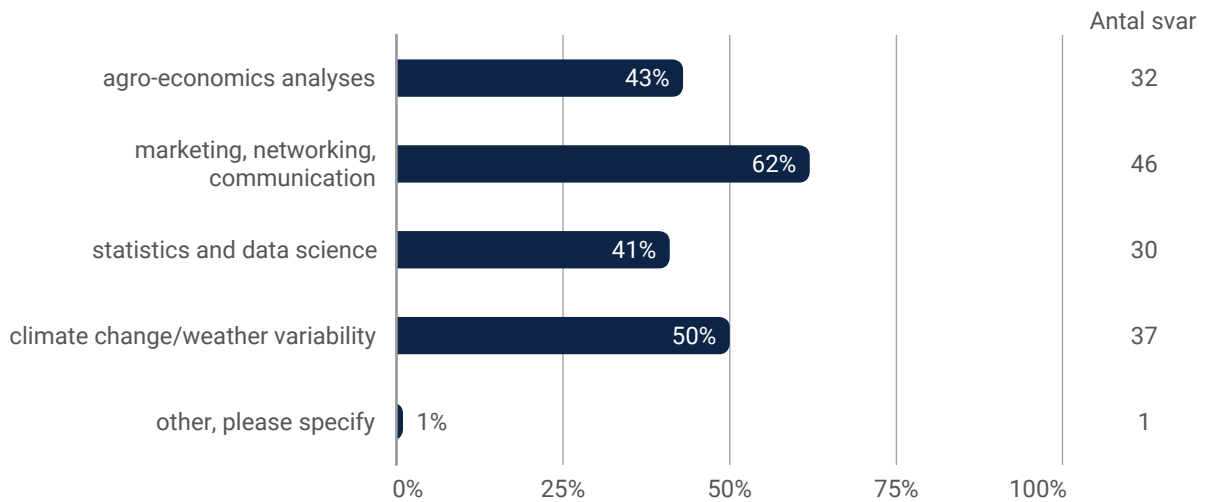
What are the main opportunities or benefits that you see or expect from climate change? (max three main choices)



How confident are you in your ability to adapt to climate change?



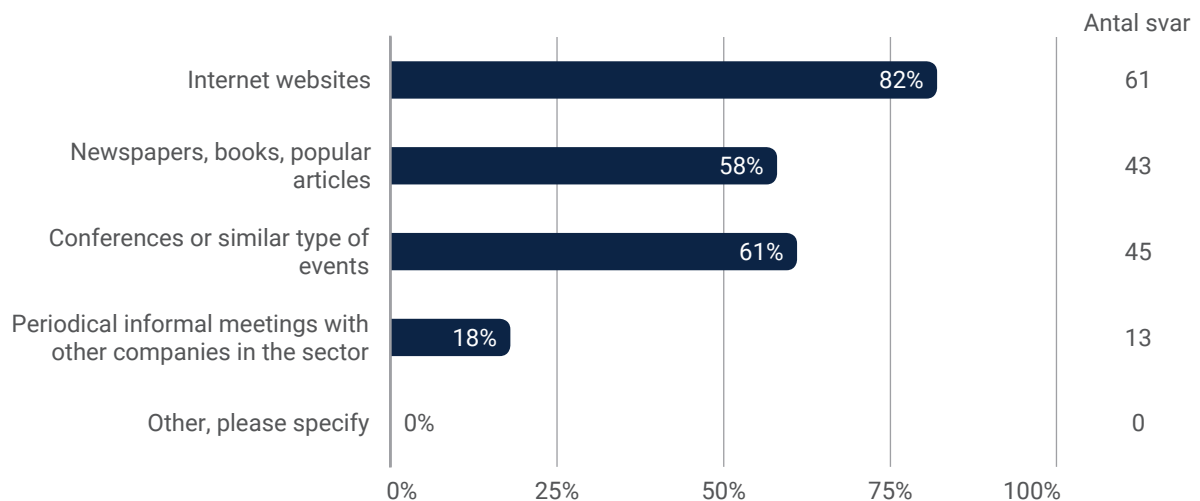
What skills or knowledge do you need to improve your resilience and productivity in the face of climate change?
(max three main choices)



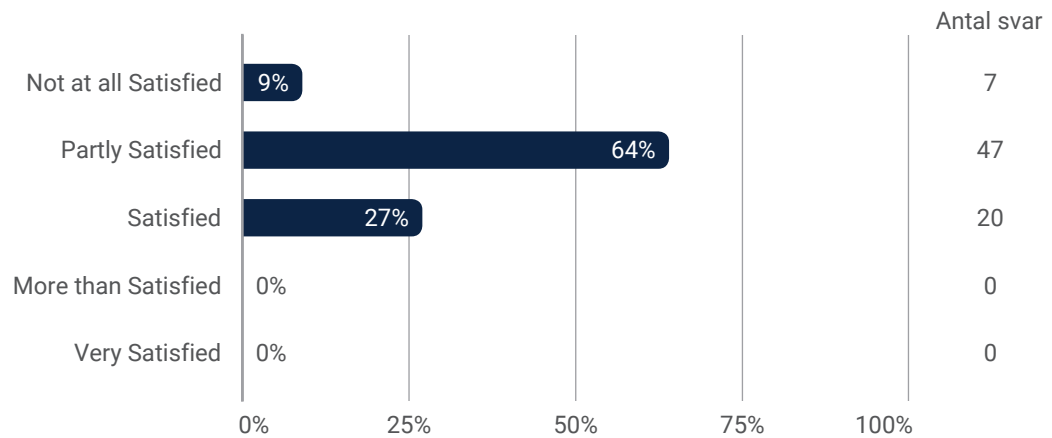
What skills or knowledge do you need to improve your resilience and productivity in the face of climate change?
(max three main choices) - other, please specify

Soil health and biodiversity

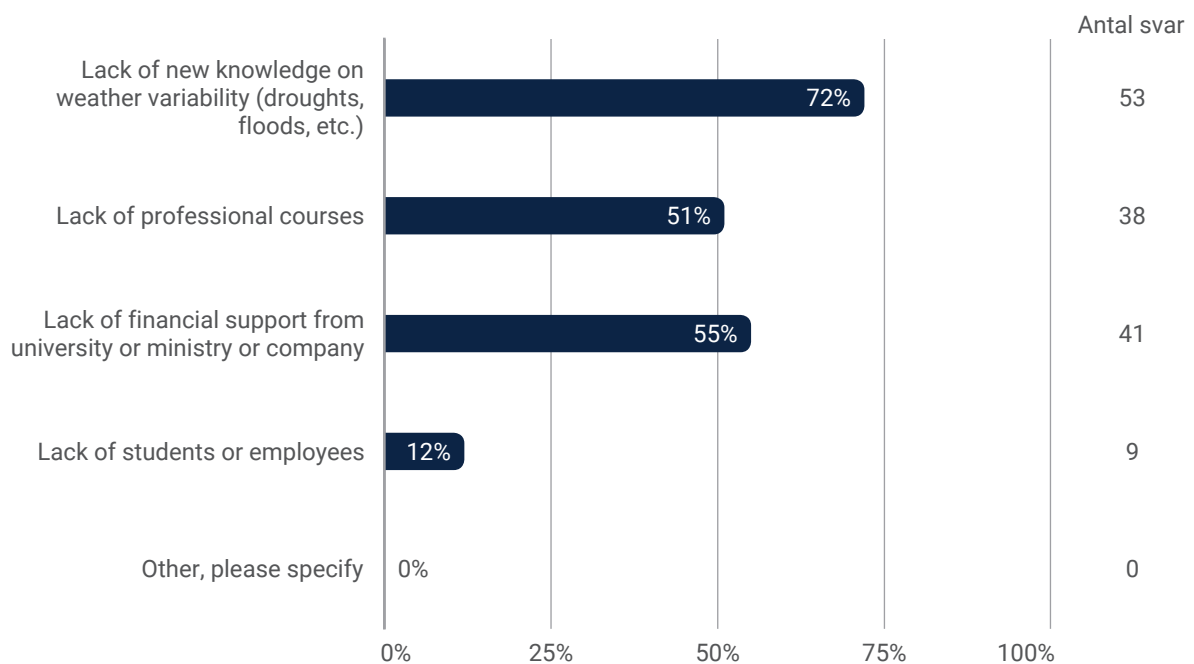
What are the sources or channels that you use or prefer to access information or training on climate change and agriculture?
(max three main choices)



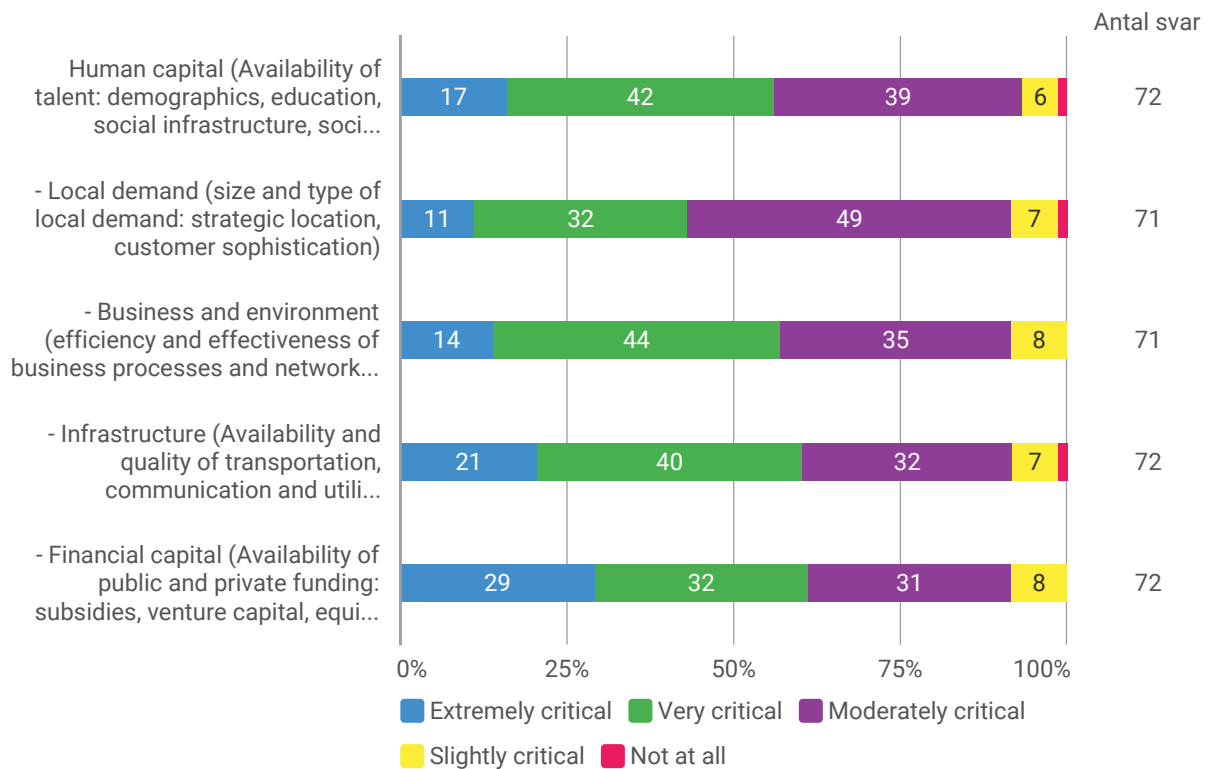
How satisfied are you with the quality and relevance of the information or training that you have received or accessed on climate change weather variability and agriculture?



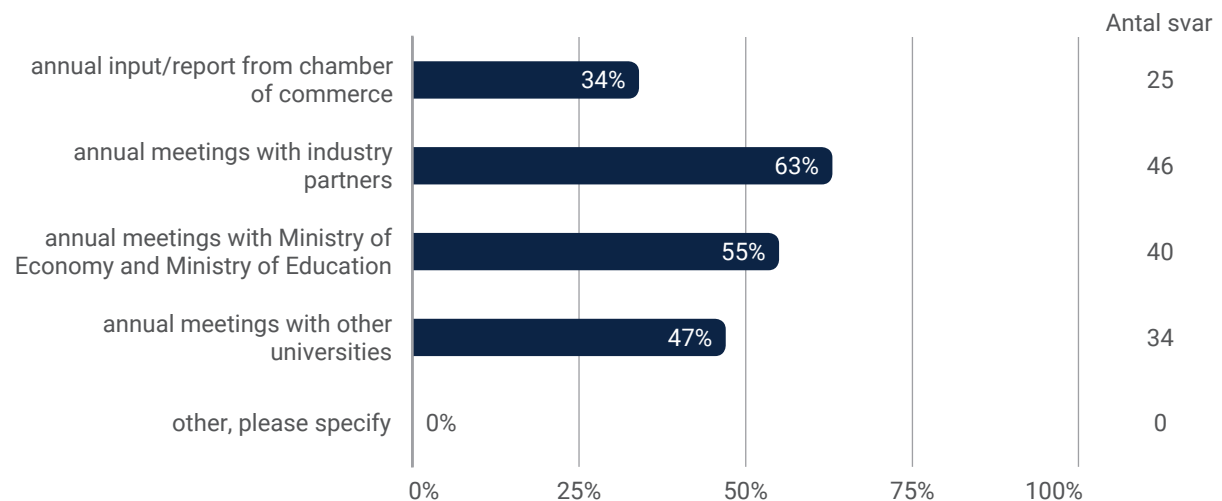
What are the barriers that affect your adoption or implementation of climate-smart agricultural practices or technologies?
(max three main choices)



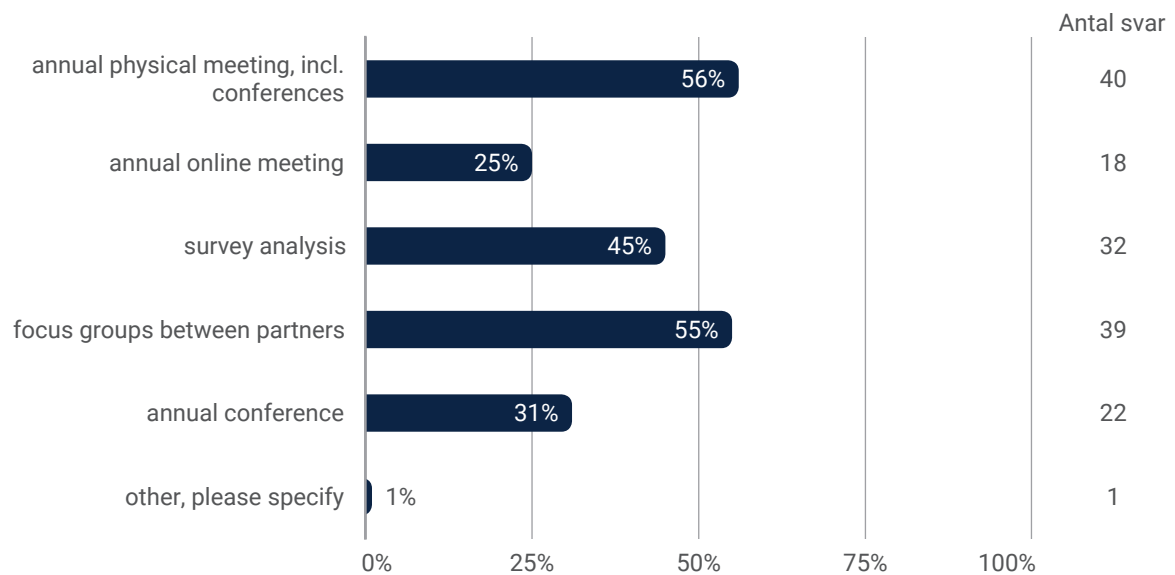
What attributes are critical to establish an innovation cluster for universities?



How to align or match agri-education or training program or course with needs or demands of the agribusiness sector or employers? (max three choices)



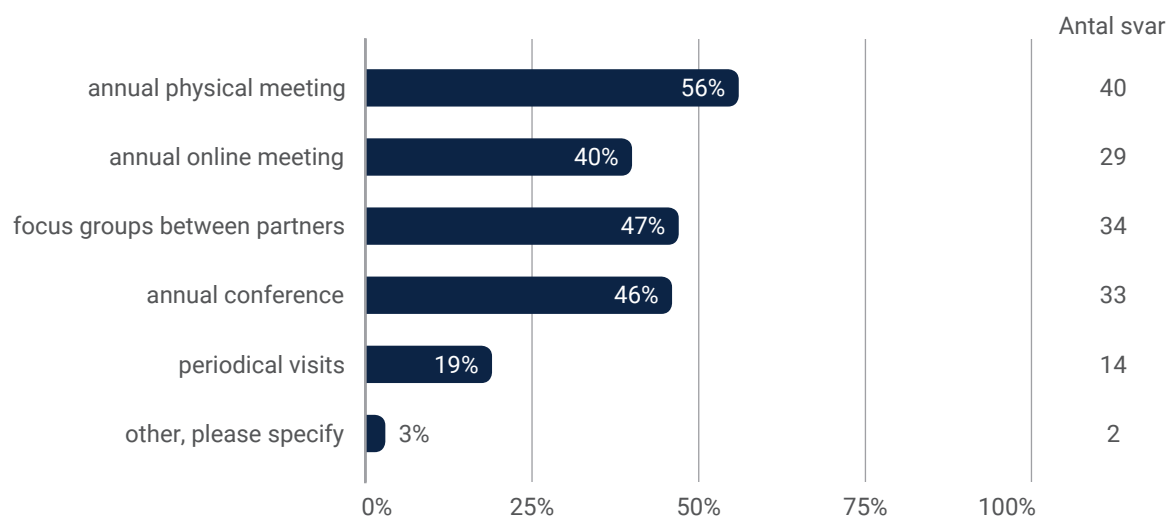
Which is the best way to gather feedback or suggestions from partners?
(max three choices)



**Which is the best way to gather feedback or suggestions from partners?
(max three choices) - other, please specify**

Expert panel discussion

How do you collaborate or network with other agribusiness educators or trainers in the sector?
(max three choices)

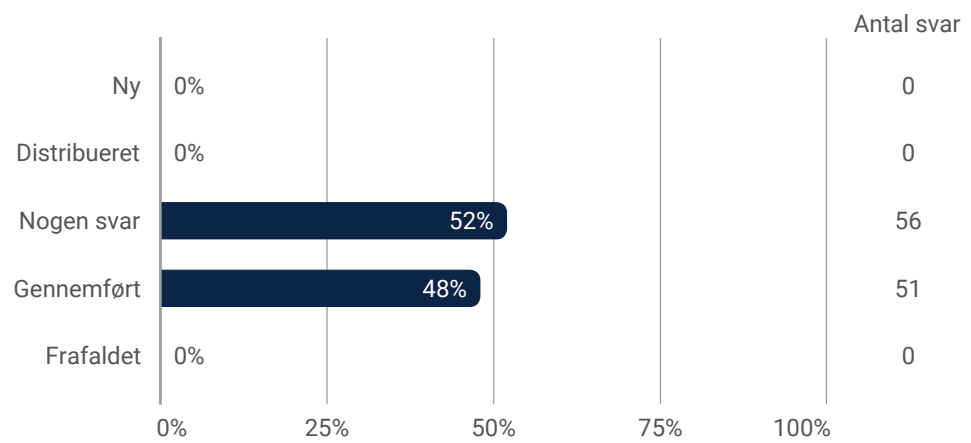


How do you collaborate or network with other agribusiness educators or trainers in the sector?
(max three choices) - other, please specify

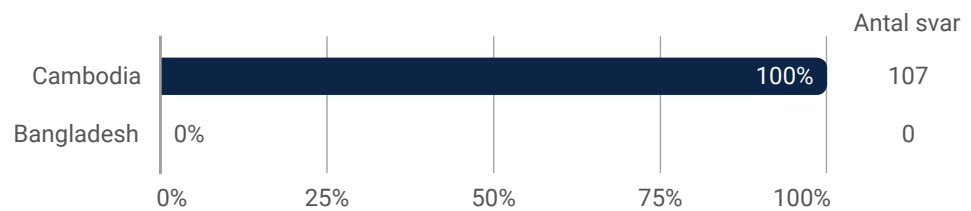
Very few meeting

NA

Samlet status



Where do you currently reside?



| Where in Cambodia are you living? (province name) |
|---|
| battambang |
| UHST, Thbongkhmum, Cambodia |
| Thbounghkmum Province |
| Thbounghkmum Province |
| Thbongkhmum province |
| Thbongkhmum province |
| Thbongkhmum province |
| Thbongkhmum province |
| Thbong khmum province |
| Thbong Khmum province |
| Tbounghkmom province |
| Tbounghkmom province |
| Tboungh Khmum |
| Tbongkhmum |
| Tbongkhmum |
| Tbongkhmum |
| Tbong Khmum |
| Tbong Khmum |
| Takeo |
| Takeo |
| Svay Rieng province |
| Svay Rieng Province |
| Svay Rieng Province |
| Svay Rieng Province |
| Svay Rieng Province |
| Svay Rieng |
| Svay Rieng |
| Stung Treng province |
| Stung Treng province |

| Where in Cambodia are you living? (province name) |
|---|
| Prey Veng Province |
| Prey Veng Province |
| Prey Veng Province |
| Prey Veng Province |
| Pp |
| Phnom penh |
| Phnom Penh city |
| Phnom Penh City |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Phnom Penh |
| Morten TEST |
| Kandal province |
| Kampong cham province |
| Kampong Cham Province |
| Kampong Cham Province |
| Kampong Cham Province |
| I'm live in pursat province |
| I am living in Kandal province. |
| I am living in Kandal Province. |
| Banteay Meanchey province |

Where in Cambodia are you living? (province name)

Battambang

Battambang

Battambang province

Battambang province

Battambang province

Battambang province

Battambang province

Battambang province

Battambang province

Battambang Province

Battambang Province

Battambang

Battambang

Battambang

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Battambang

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Battambang

Battambang

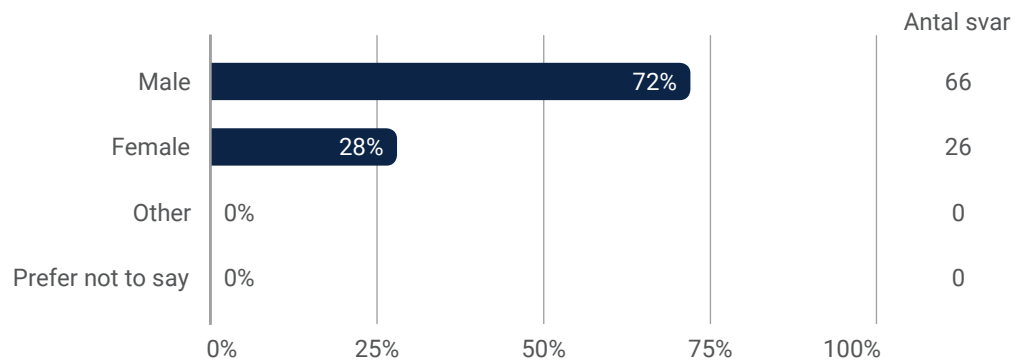
Battambang

| Where in Cambodia are you living? (province name) |
|---|
| Battambang |
| Battambang |
| Battambang |
| At Siem Reap province |
| At Seim Reap province |

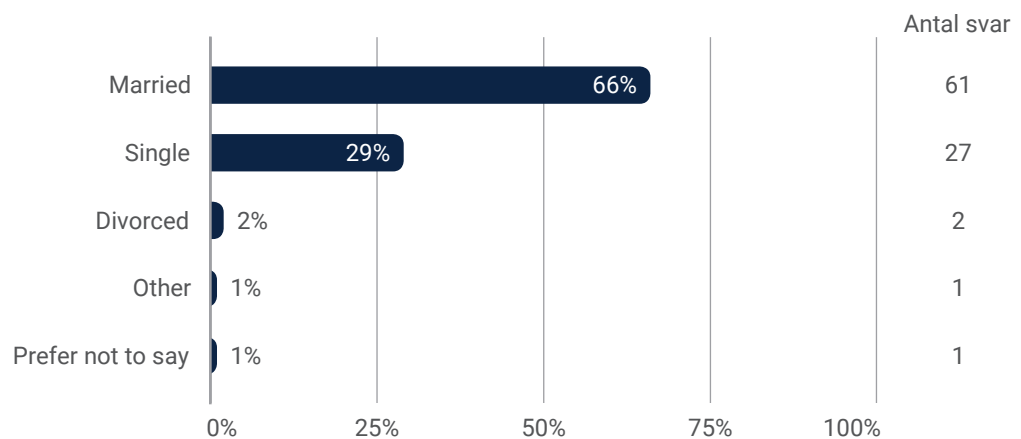
What is your age



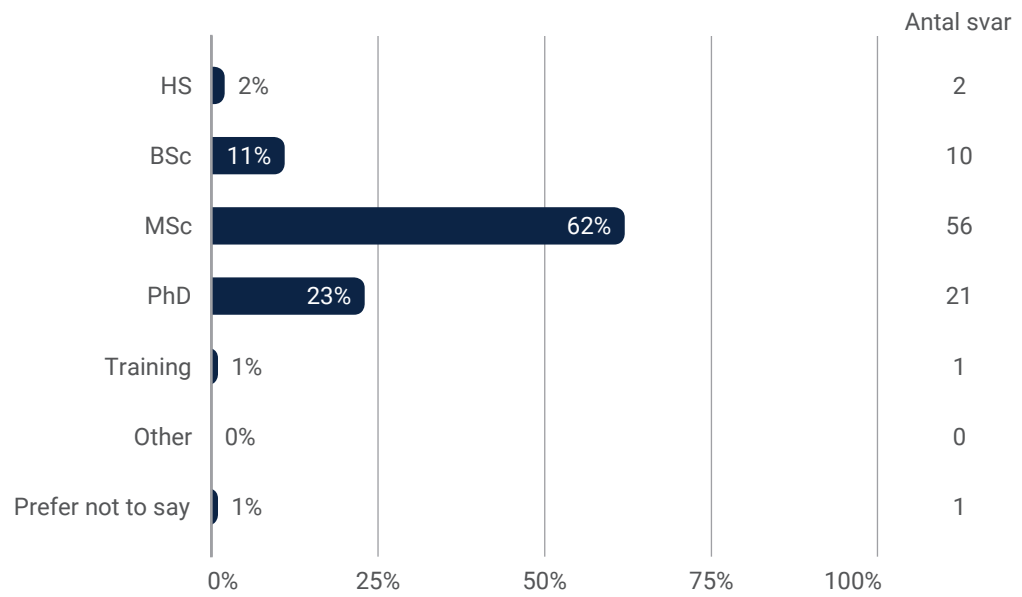
What is your gender?



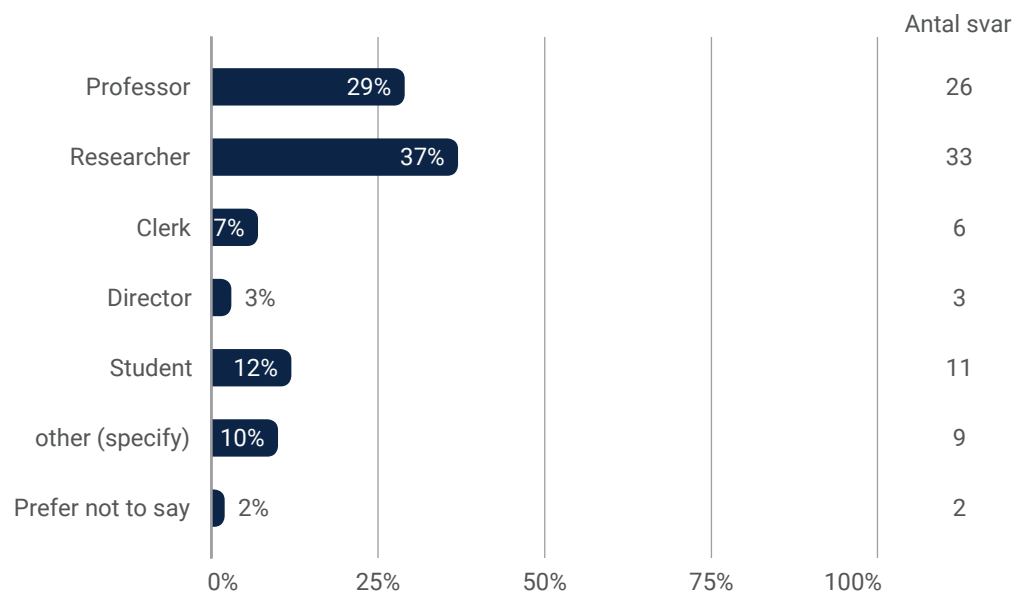
What is your marital status?



What is your highest level of education?

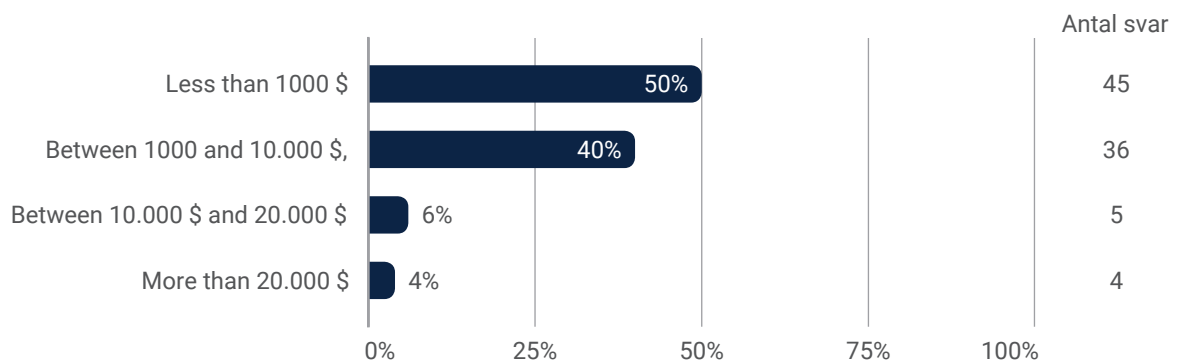


What is your occupation?

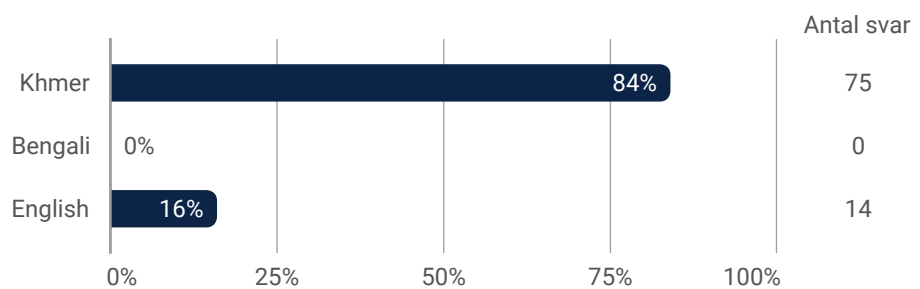


| What is your occupation? - other (specify) |
|--|
| staff |
| staff |
| farmer and food Processing small scale |
| farmer and food Processing small scale |
| Teacher |
| Teacher |
| Staff |
| Self-employed |
| Lectures |
| Dean of agriculture |

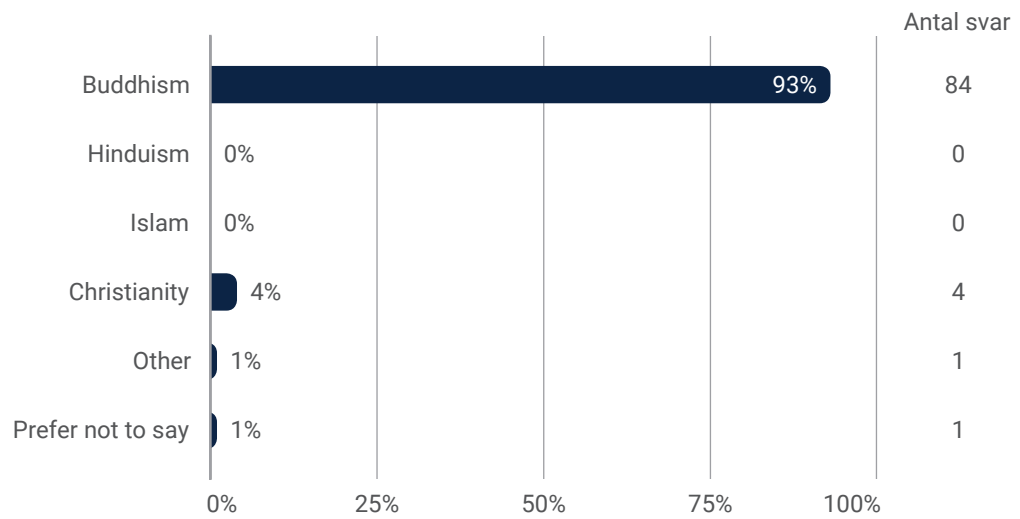
What is your annual income?



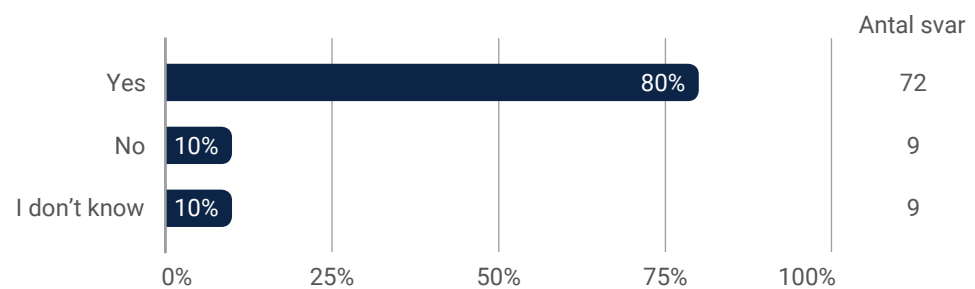
What is your preferred language?



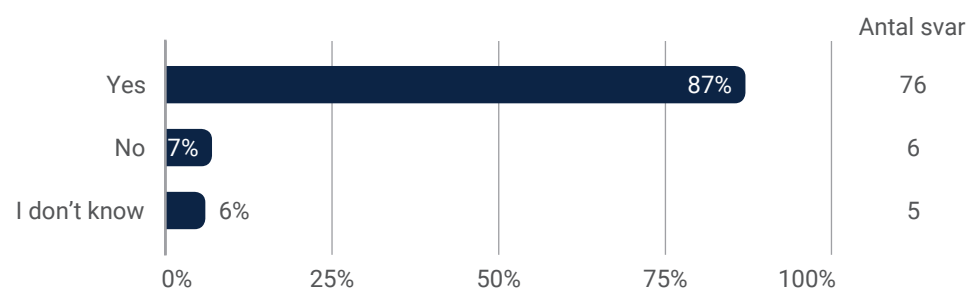
What is your religion or belief system?



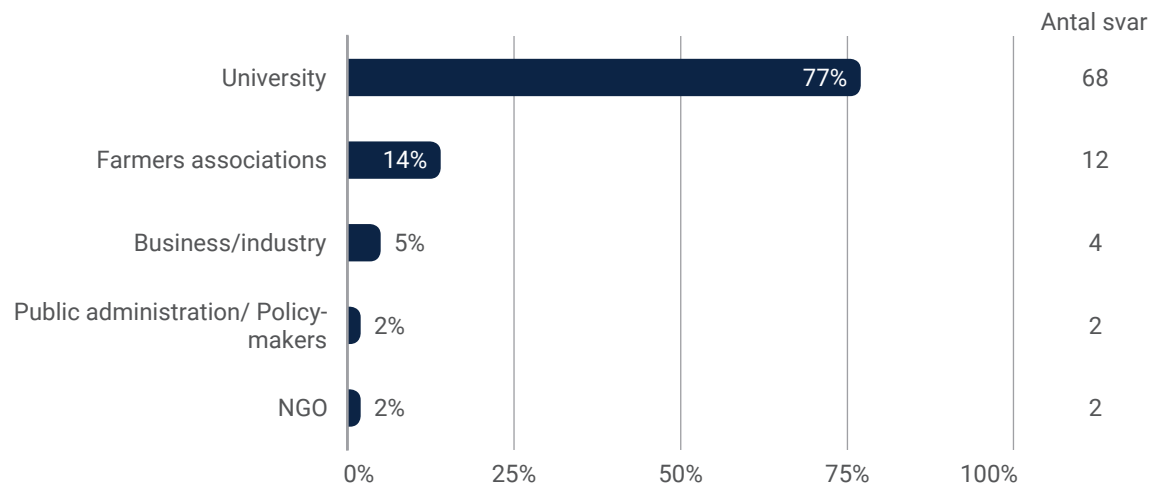
Are the existing education or training programs in the agribusiness sector in your country innovative?



Should the existing education or training programs in the agribusiness sector in your country be revised?



Who do you represent or identify yourself with?



What is the name and location of your institution, and which year it was established? (name, location, year).

prefer not to mention

my name is VIN BUNRITH
my institution name's Heang sormrinTbung khmum university stay in Nikkhum lur village srolorb Commune and Thbong khmum Provine .
this university has stade in 2014

University of heng samrin tbong khmom tbong thmom 2016

University of Heng Samrinng Thbongkhmum at tbongkhmum province in 2017

University of Heng Samrin Thoungkhmum, Thbong khmum province, 2016

University of Heng Samrin Thbongkhmum. Located in Tbong Khmum provincial area. It was established in 2016.

University of Heng Samrin Thbongkhmum, Thboungkhmum Province, 2016

University of Heng Samrin Thbongkhmum, Thbongkhmum province, Cambodia. It was established in 2016.

University of Heng Samrin Thbongkhmum, Thbongkhmum Provine, 2016

University of Heng Samrin Thbongkhmum, Thbongkhmum Province, 2016

University of Heng Samrin Thbongkhmum, Thbong khmum Provise . 8 years

University of Heng Samrin Thbongkhmum, Tbongkhmum Province, in 2016, Cambodia

University of Heng Samrin Thbongkhmum, Tbongkhmum Province, 2016

University of Heng Samrin Thbongkhmum, 2016

University of Heng Samrin Thbongkhmum at Nikom Leu Village, Sralab Commune, Tbong Khmum Distric, Tbong Khmum, on 2014

University of Heng Samrin Thbong Khmum, Thbong Khmum province, 2016

University of Heng Samrin Thbkngkhum.
Thbongkhum province.
Maybe 2016

UNIVERSITY OF HENG SAMRIN THBONGKHMUM THBONGKHMUM PROVICE

ThmongKhmom University, Thmongkhmom province, 2016

Svay Rieng University, Svay Rieng, 2005

Svay Rieng University, Svay Rieng province, Cambodia was established in 2005.

Svay Rieng University
Svay Rieng Province
2005

Svay Rieng University
Svay Rieng Province
2005

What is the name and location of your institution, and which year it was established? (name, location, year).

Royal university of Agriculture .phnom penh Cambodia

Royal University of Agriculture, Phnom Penh City, 1998.

Royal University of Agriculture

RUPP, Phnom Penh

RUPP 1960

Nubb, Battambang,2024

National university of management, Phnom Penh
It was established 1983

National university of management
Phnom Penh
It was established in 1983

National university of Battambang

National University of Management, Phnom Penh, Cambodia, 1983

National University of Management in Phnom Penh
It was established in 1983

National University of Management
Phnom Penh
It was established since 1983

National University of Cheasim Kamchaymear(NUCK), Established 1993 in Prey Veng Province

National University of Cheasim Kamchaymear(NUCK)
Establish in 1993 at Prey Veng Province, Cambodia

National University of Cheasim Kamchaymear

National University of Cheasim Kachaymear

National University of Battambang, based in Battambang province, Cambodia, and was established in 2007.

National University of Battambang, Battambang province, and established in 2007.

National University of Battambang, Battambang province, 2007.

National University of Battambang, Battambang province, 2007

National University of Battambang, Battambang 2007

National University of Battambang, Battambang 2007

National University of Battambang, Battambang 2007

National University of Battambang, 2007

National University of Battambang
2007
Battambang province

What is the name and location of your institution, and which year it was established? (name, location, year).

National University of Battambang
Battambang
2007

National University of Battambang
Battambang
2007

National University of Battambang
2007
Battambang province

National University of Battambang
2007
Battambang provinces

National University of Battambang

National University of Battamabang, Battambang province, Cambodia, 2007

NUM

NUBB, Battambang 2007

Mistry of Education, Youth and Sport, Cambodia
Svay Rieng University,

National Road No. 1, Phumi Chambak, Sangkat Chek,
Svay Rieng City, Svay Rieng Province, CAMBODIA

Mobile Phone: (+855) 01076 1221

Email: sokunkhoeun@ymail.com,
sokunkhoeun@mail.sru.edu.kh

Kampong Cham National Instute of Agricultuer

Heng samrin Tboungkhmom, Tboungkhmom province, 2015

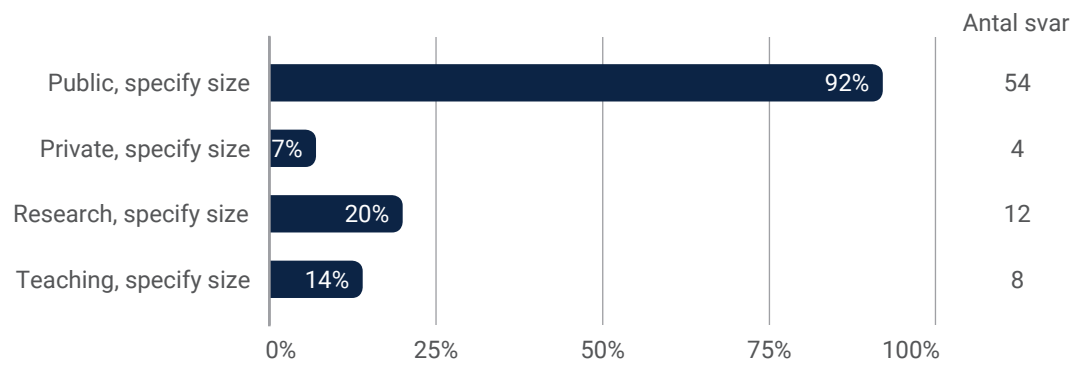
Heng samrin Tboungkhmom University, Cambodia, 2015

Heng Samein thbongkhmum,2016

Faculty of Development Studies, year of establishment: 2013 at Royal University of Phom Penh.

3r3

What type and size is your institution?



| What type and size is your institution? - Public, specify size |
|---|
| public |
| not sure about size are you asking? land area? |
| dsd |
| because it is public institute |
| University of heng samring thbongkhmum is size 23 ha |
| Under ministry of education, youth and sport |
| Small |
| Size of institution is 8 hectares |
| Size is 10 hectares |
| Public, specify size |
| Public its size is more than one hect |
| Public University |
| Occupied Ministry of Education, Youth and Sport |
| NA |
| NA |
| Medium |
| Is the Public institution |
| Institution: 10 hectares |
| Institution is 8 hectares |
| Higher Education Institution |
| Higher Education Institution |
| Higher Education Institute |
| Big |
| Big |
| Around 20 hectares. |
| Agriculture |
| 6 ha |
| 5000 students |
| 5 ha |

What type and size is your institution?
- Public, specify size

45

45

4 hectares

300 to 500 staff

23

22ha

22ha

22 ha

20ha

20ha

20Ha

20 hectar

20 h

20

10ha

100%

10 hectares

10 ha

10 ha

10 ha

10 Ha

10

10

-

What type and size is your institution?
- Research, specify size

Training all the Student focus on Research and Innovation

Size is 17 hectares

Research institution

Mission to Researching and Inovation

Farm: 17 hectares

Big

17ha

17 hectares

17 ha

17 ha

What type and size is your institution?
- Private, specify size

To get private Students

To get private Students

Private

Big

What type and size is your institution?
- Teaching, specify size

management by government

agribusiness

Train students by strengthening their knowledge and skills.

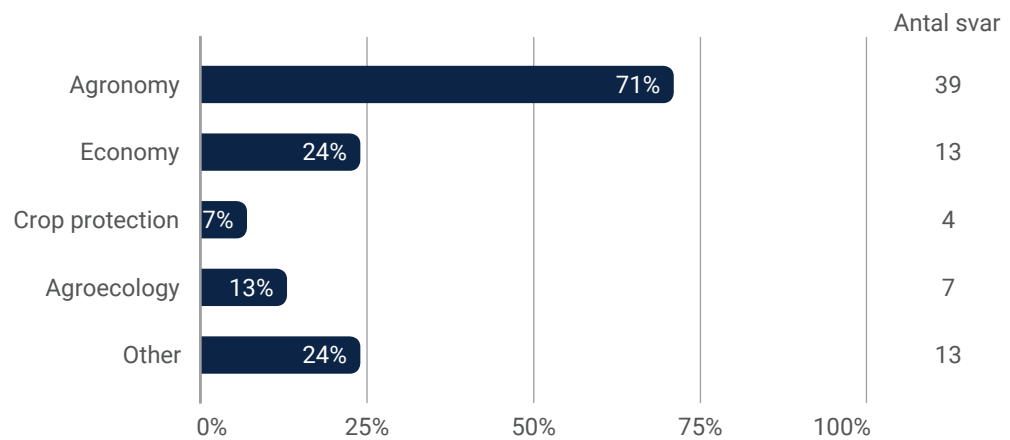
Teaching

Provide Knowledge and Skill

Environment

Big

What is the main discipline of your agribusiness education or research program?



What is the main discipline of your agribusiness education or research program?
- Other

agricultural cooperative

Social science and humanity, community development, natural resource management, environmental science.

Food technology

Food technology

Food Processing and Animal Science

Food Processing and Animal Science

Animal Science

Animal Science

Animal Science

Animal Science

Animal Science

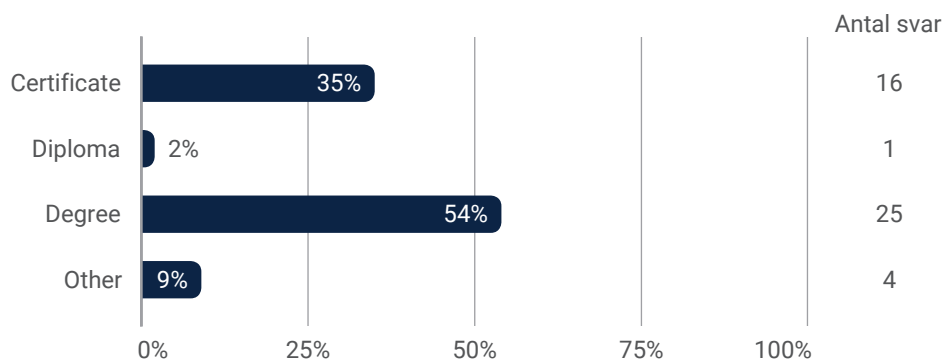
Animal Science

Agricultural sector

What number of enrolled students has your agribusiness education or research program?

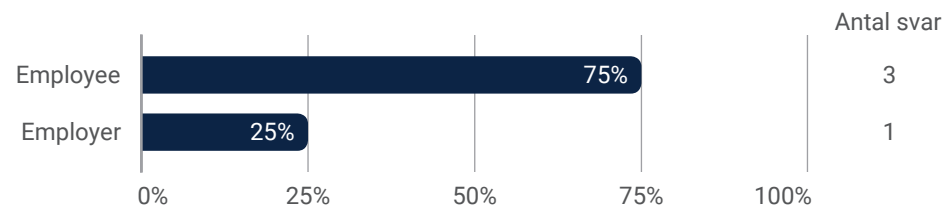


What is the level and duration of your agribusiness education or research programs?

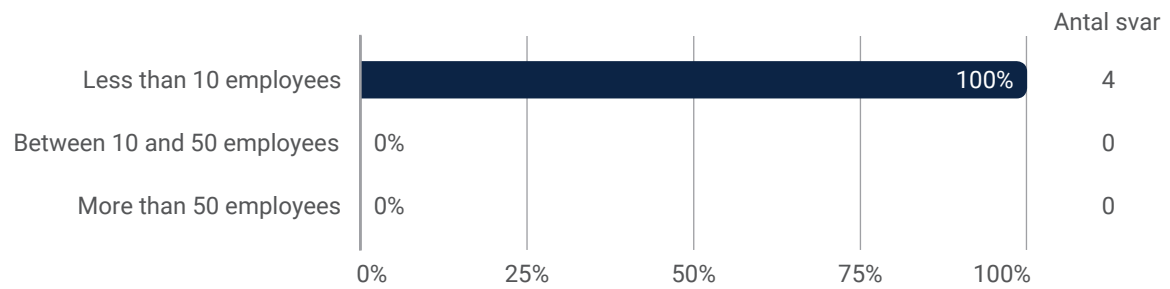


| What is the level and duration of your agribusiness education or research programs? - Other |
|--|
| seminar |
| Used to join class without certificate |
| Part of the curriculum |
| NA |

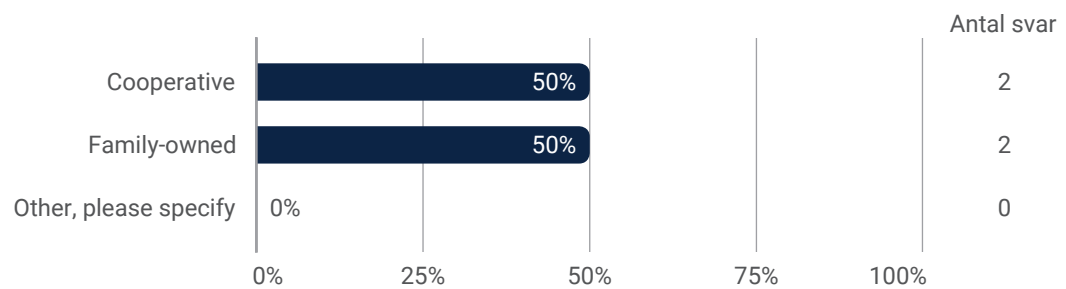
Are you a employee or employer in the business, company you own or work with?



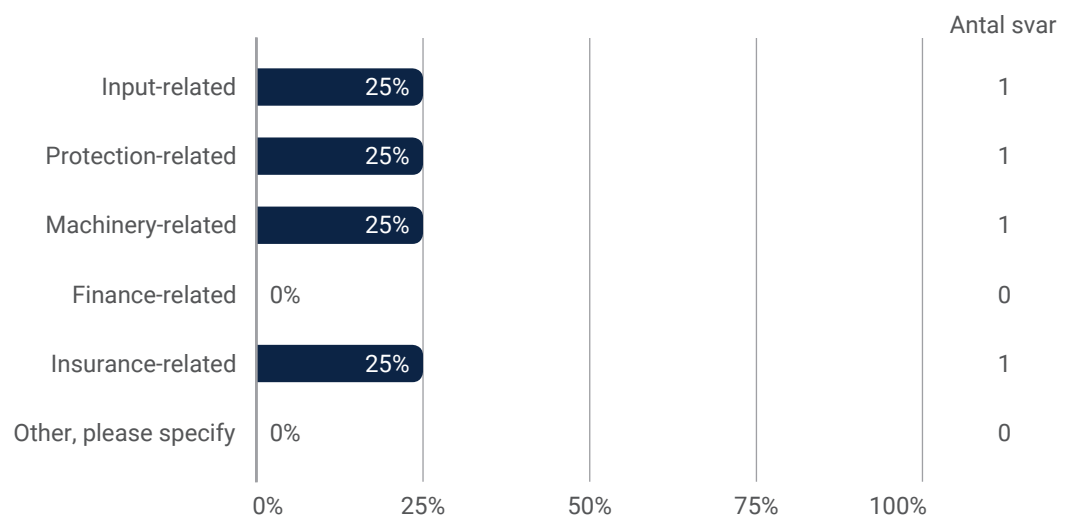
What size is your company or business?



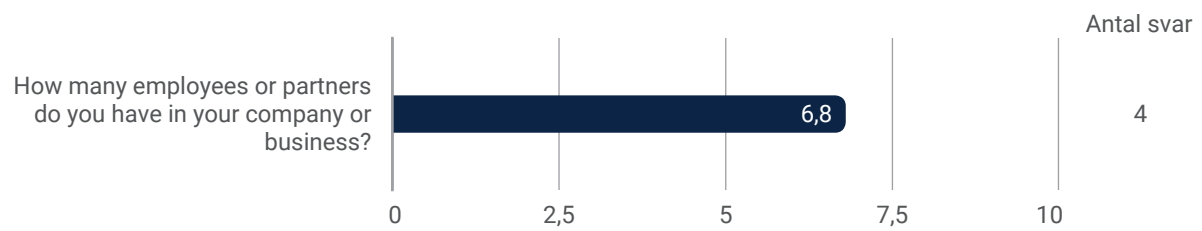
What type is your company or business?



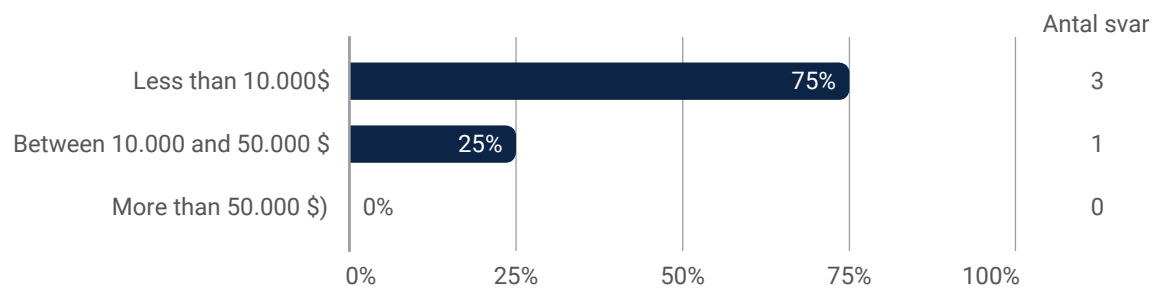
What is the main product or service that your company or business offers or produces?



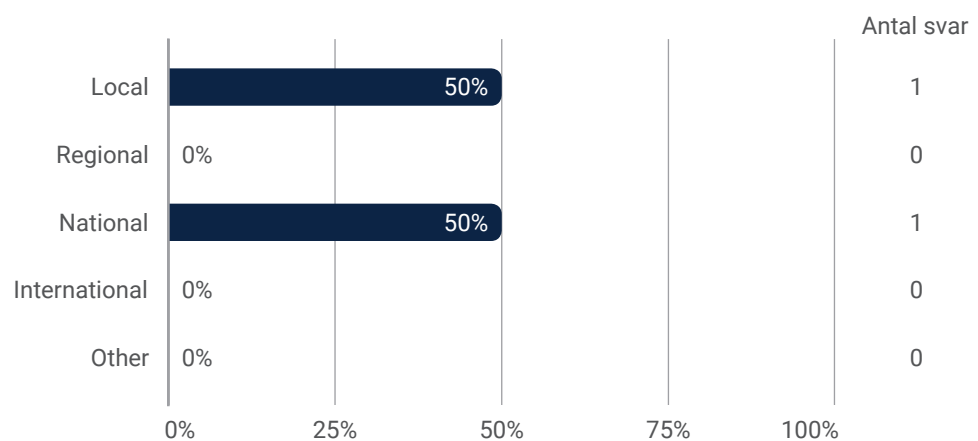
How many employees or partners do you have in your company or business?



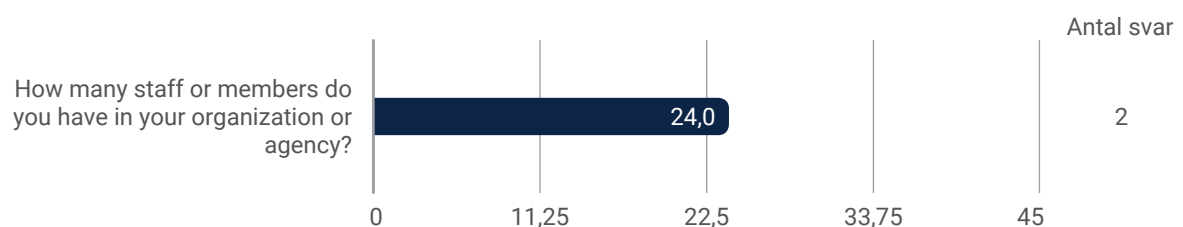
What is the annual revenue or profit of your company or business?



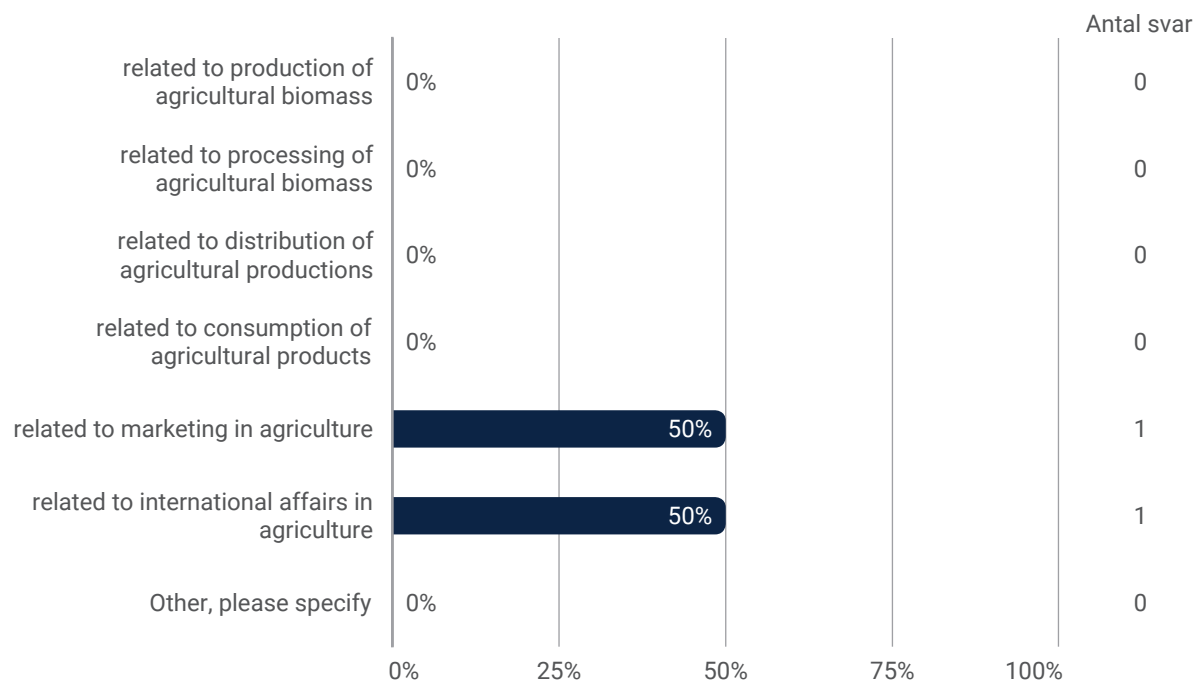
What is the level and scope of your organization or agency?



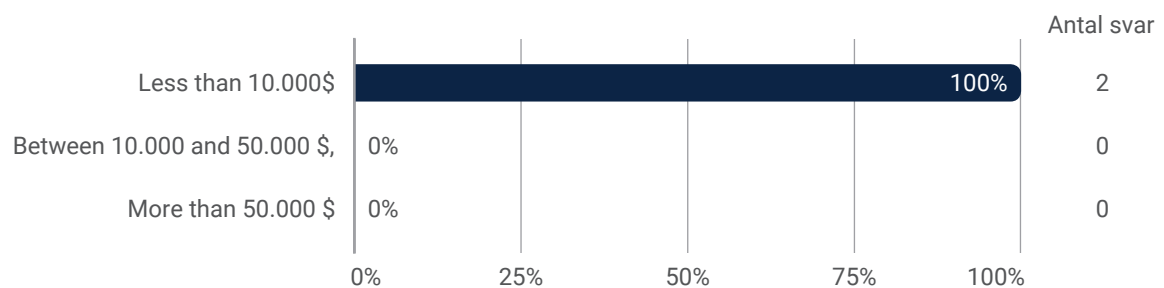
How many staff or members do you have in your organization or agency?



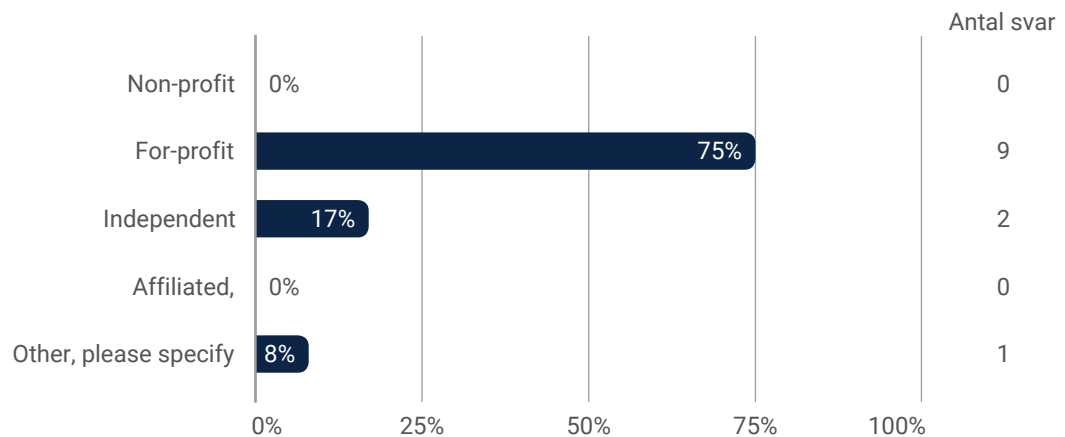
What is the main policy or regulation you implement or enforce in the agribusiness sector? (max 3 choices).



What is the annual budget or expenditure of your organization or agency?



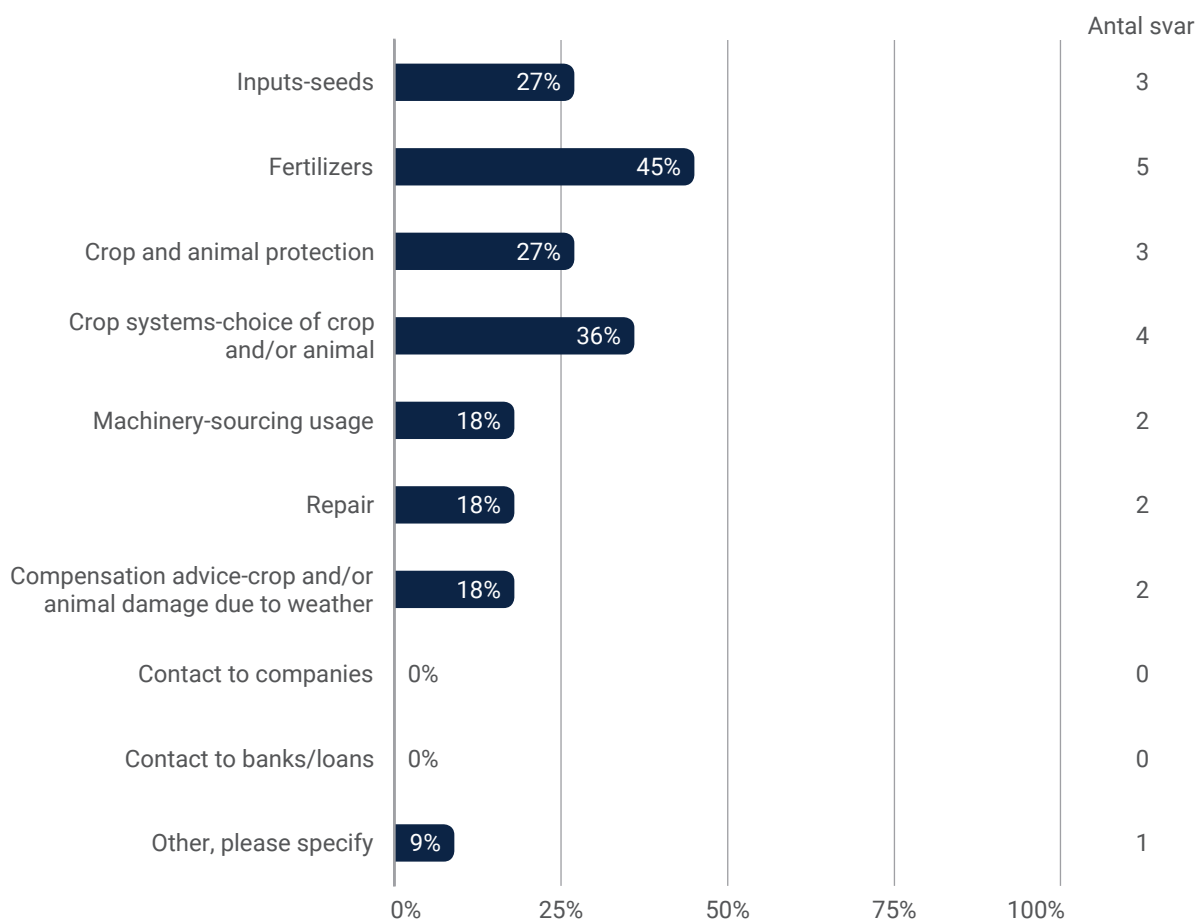
What is the type and status of your organization or company?



What is the type and status of your organization or company? - Other, please specify

Food industry

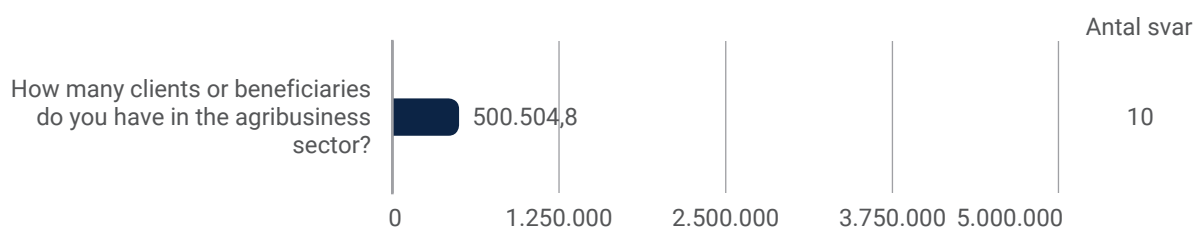
What is the main service or advice that you provide or offer to the agribusiness sector? (max three choices)



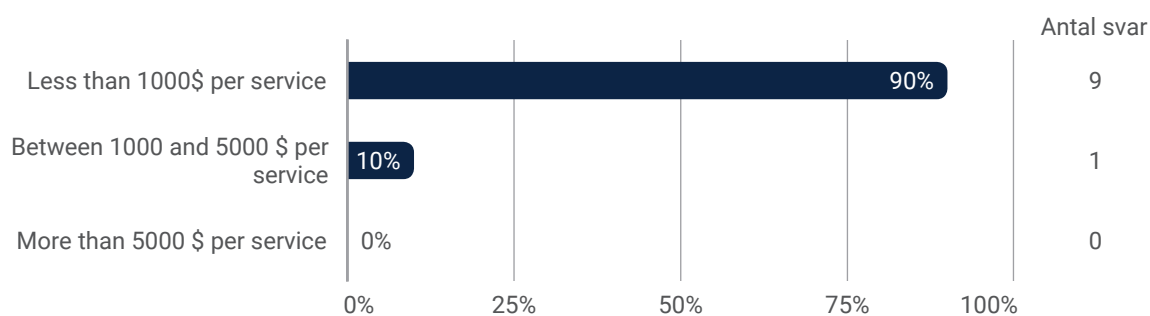
What is the main service or advice that you provide or offer to the agribusiness sector? (max three choices) - Other, please specify

juice factory and pineapple farm

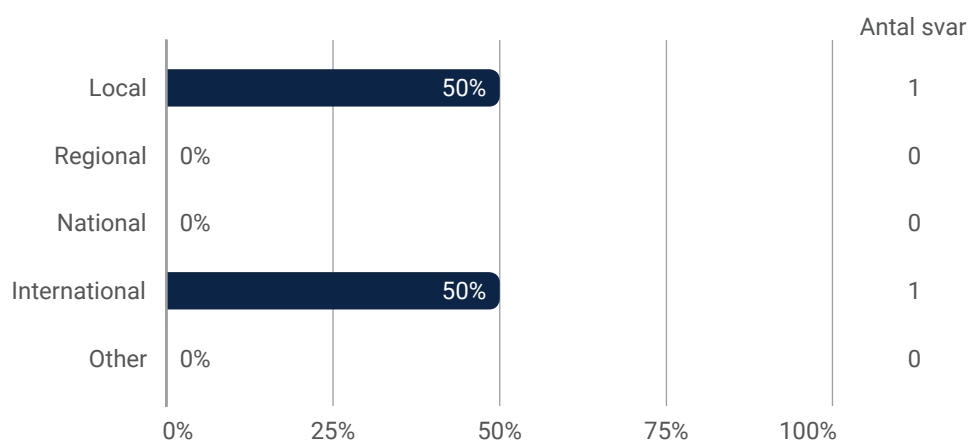
How many clients or beneficiaries do you have in the agribusiness sector?



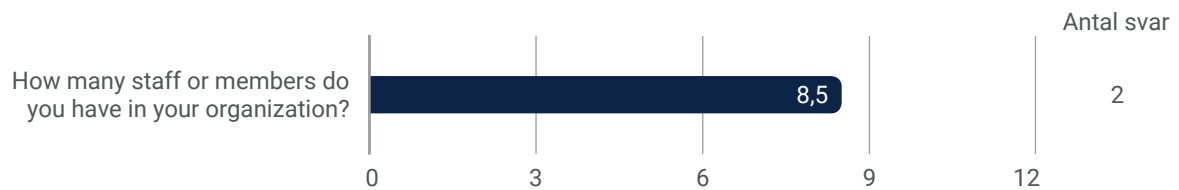
What is the fee or cost of your service or advice (in \$) to the agribusiness sector?



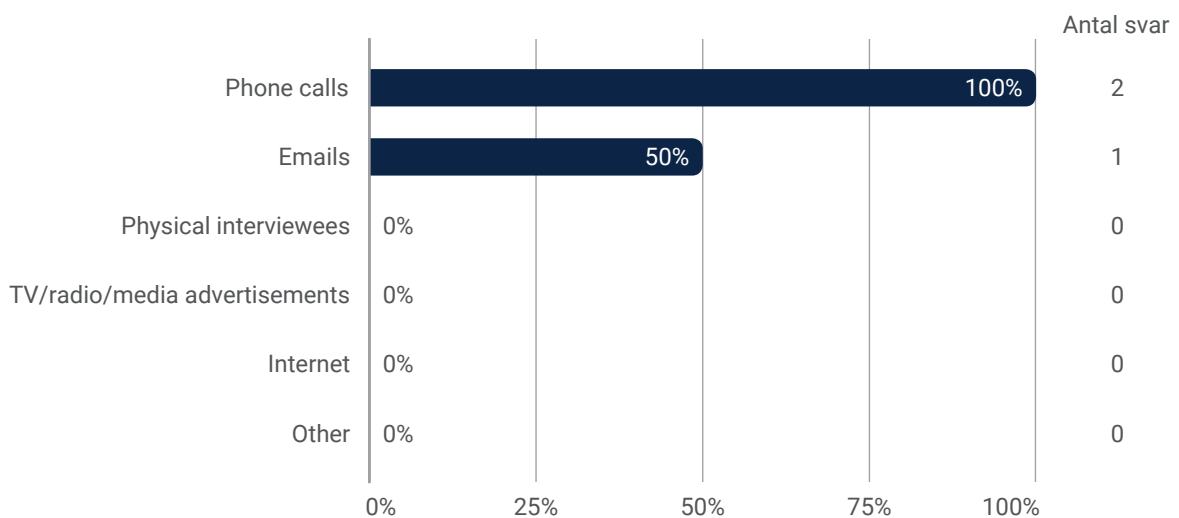
What is the level and scope of your organization?



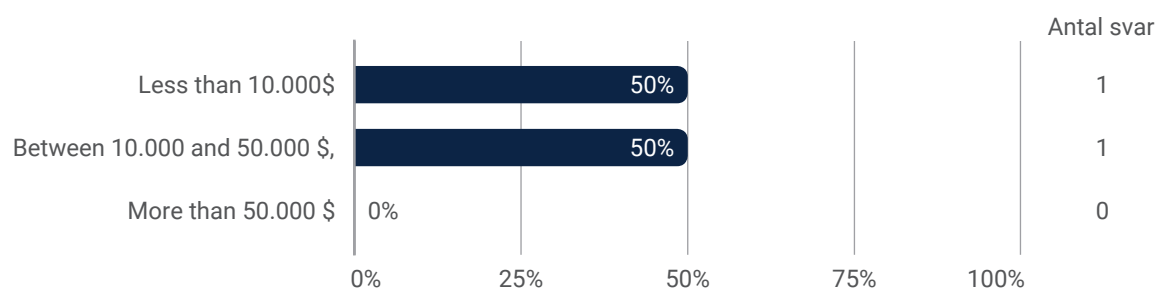
How many staff or members do you have in your organization?



What is the main policy or method you implement to outreach to stakeholders of interest? (max three choices)



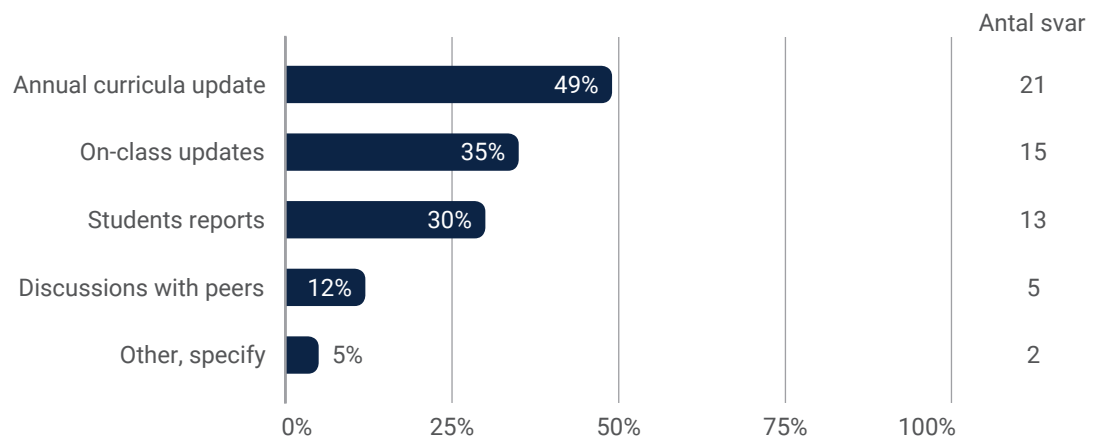
What is the annual budget or expenditure of your organization or agency?



How many subjects on climate change effects on agriculture are taught in courses?



How is new knowledge and materials incorporated into curricula?
(max three choices)

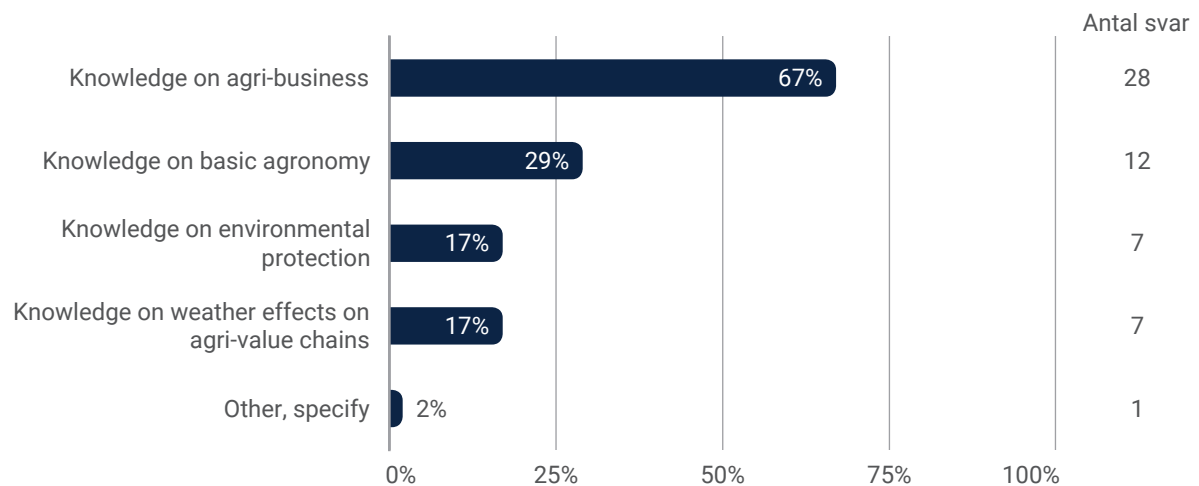


How is new knowledge and materials incorporated into curricula?
(max three choices) - Other, specify

Meeting

Every two years

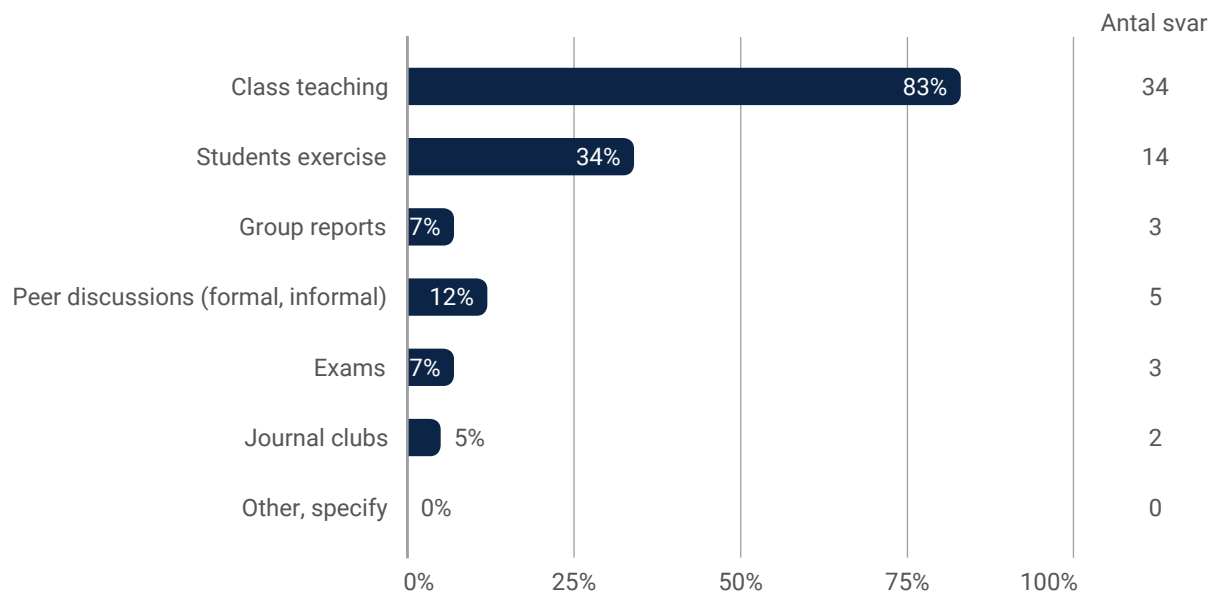
What are the main objectives or outcomes of your agribusiness education or research programs? (Max three choices)



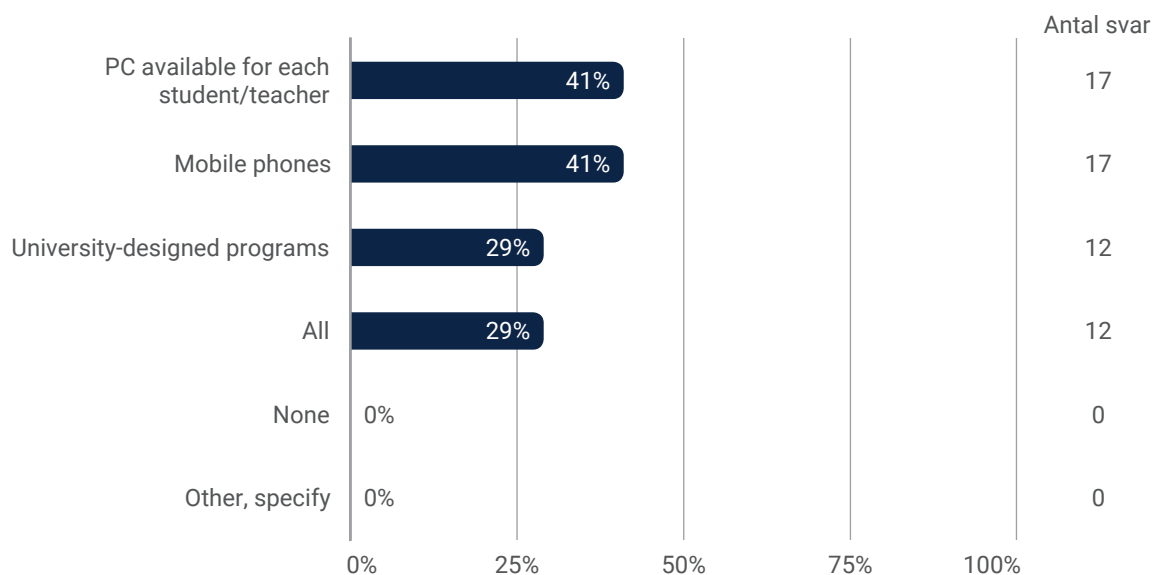
What are the main objectives or outcomes of your agribusiness education or research programs? (Max three choices) - Other, specify

Combine with Agronomy and Animal Science

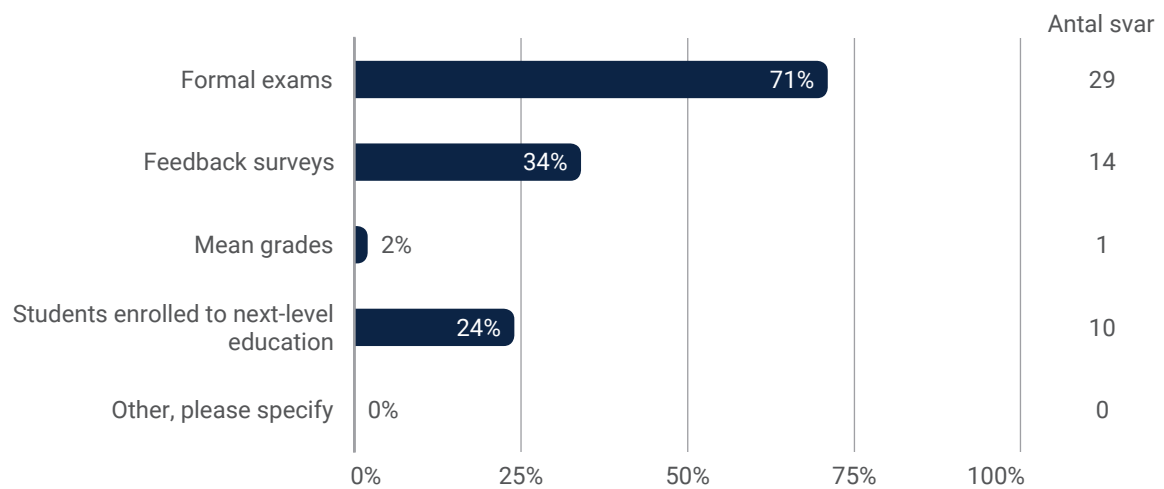
How do you deliver your agribusiness education or training program or course?
(max three choices)



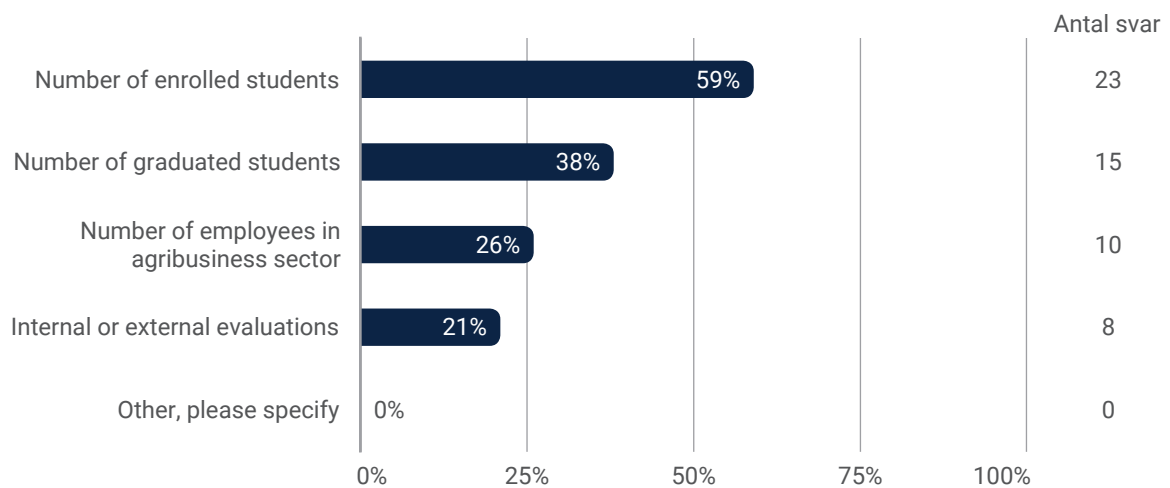
How do you integrate digital technologies or tools in your agri-education, course or research programs? (max three choices)



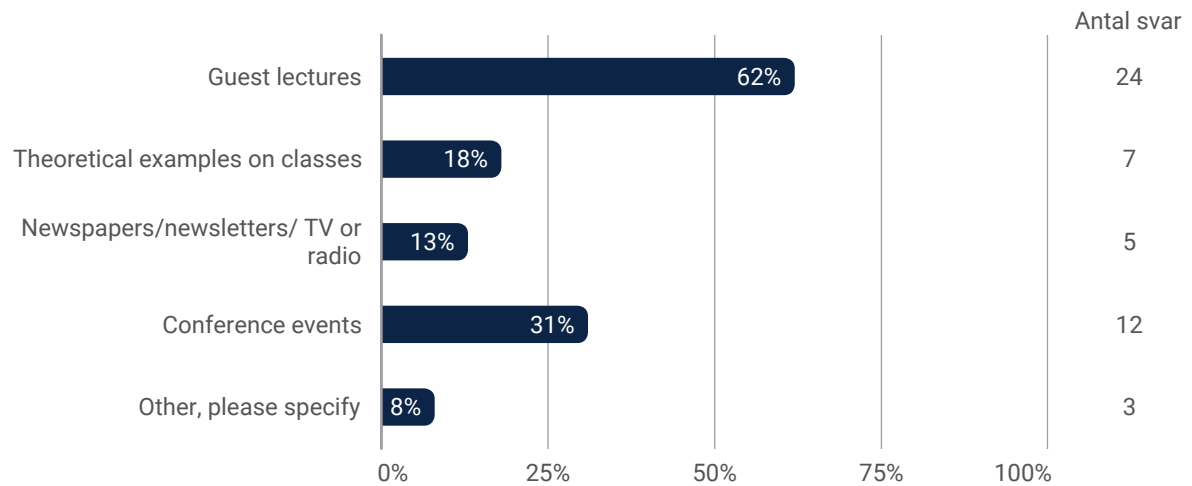
How do you ensure or monitor the quality or relevance of your agri-education or research programs? (max three choices)



How do you evaluate or measure the effectiveness or impact of your agri-education or training program or course? (max three choices)

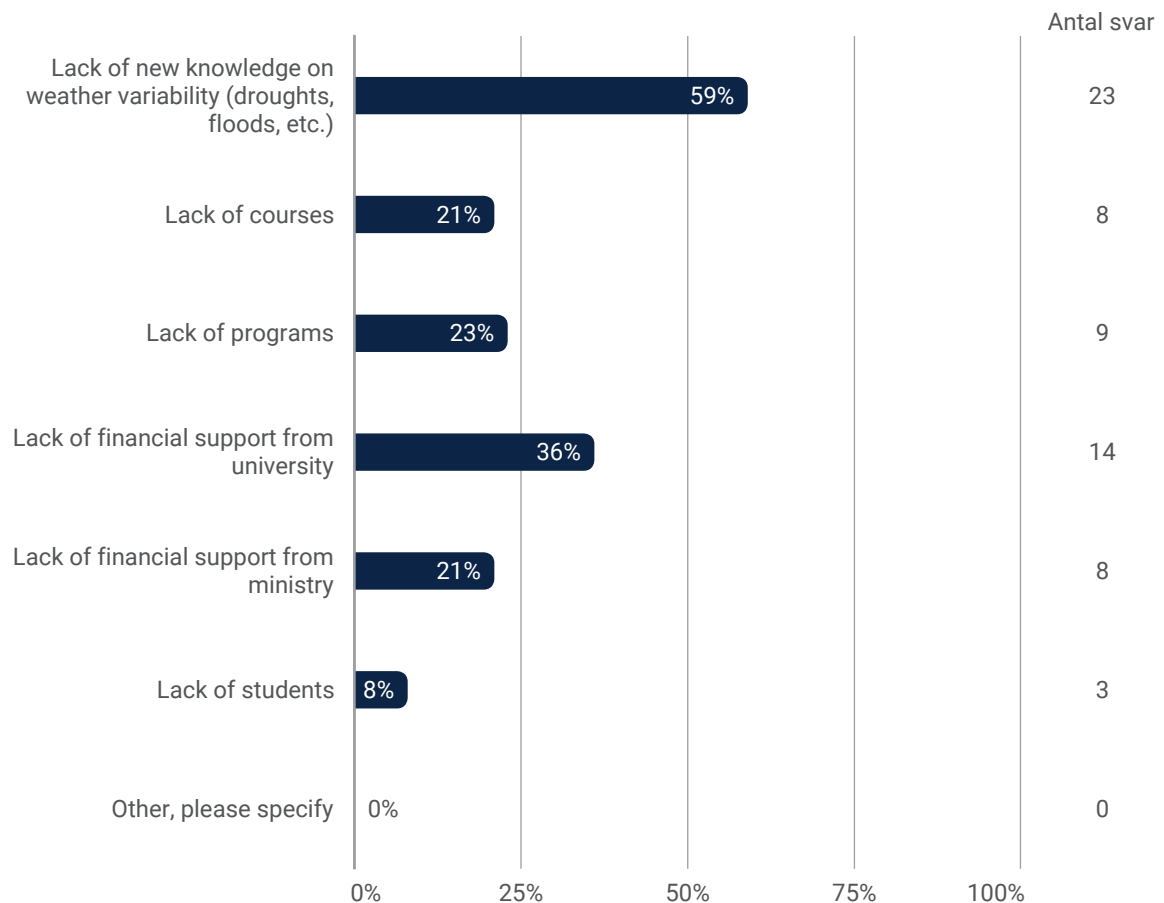


How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as employers, workers, policy makers, or consumers? (max three choices)

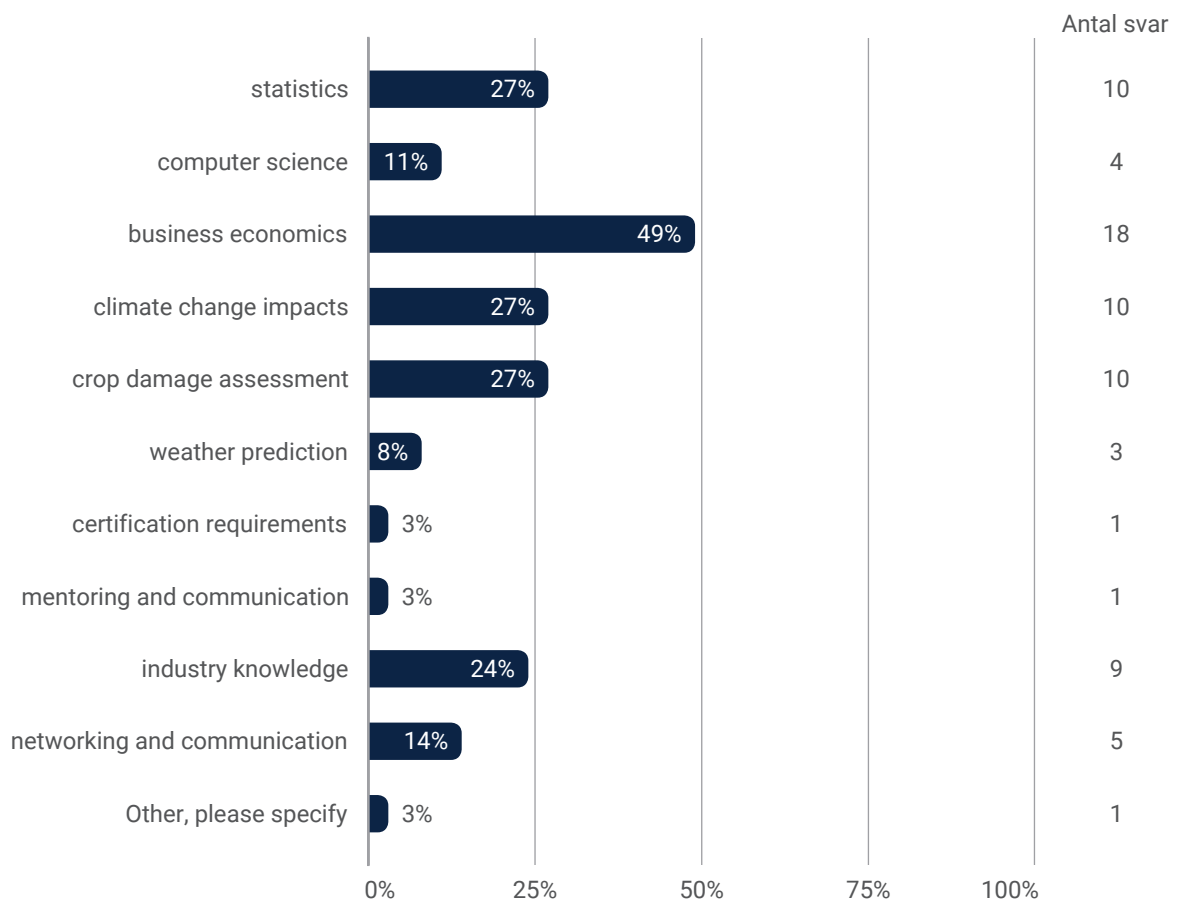


What are the main challenges to provide innovative agri-education or research programs? (max three choices)

(In this survey, innovative is defined as incorporating latest knowledge and benefiting directly the society through the most cost-effective design)



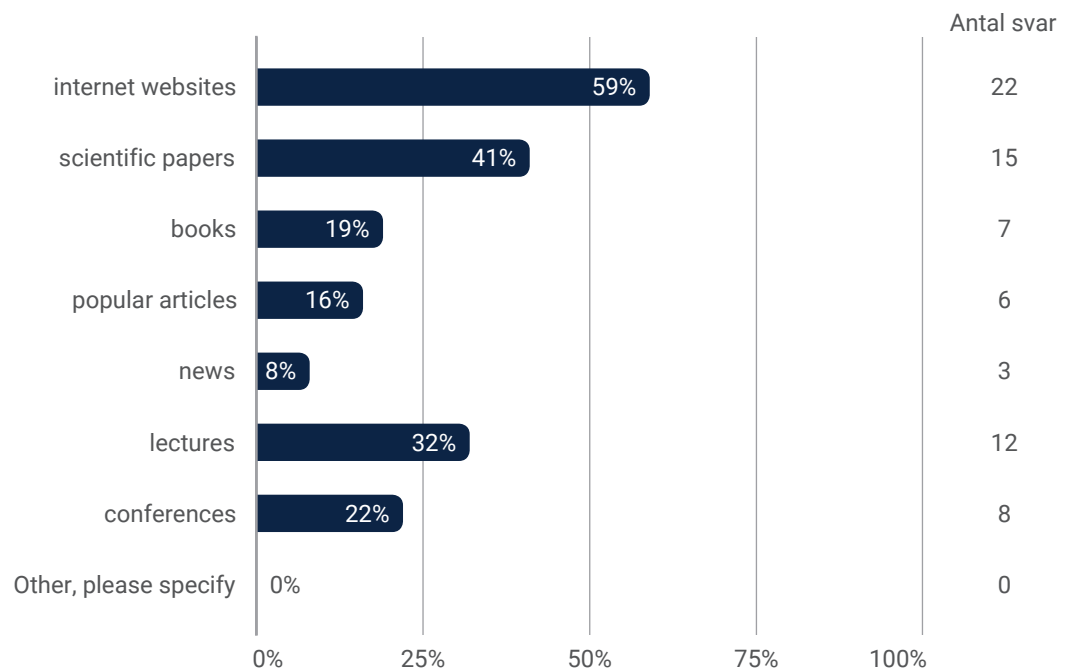
What are the main skills or competencies aiming to develop or enhance in your agribusiness students, trainees or researchers?
(max three choices)



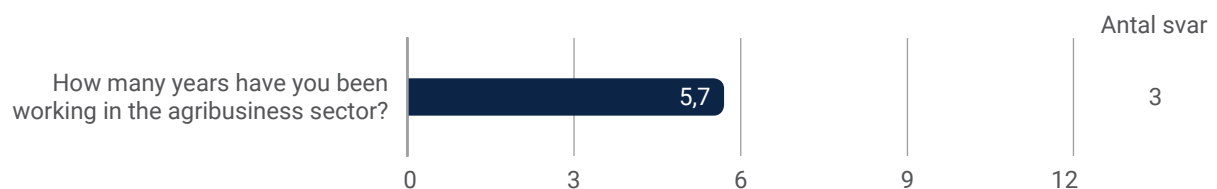
What are the main skills or competencies aiming to develop or enhance in your agribusiness students, trainees or researchers?
(max three choices) - Other, please specify

Food technology

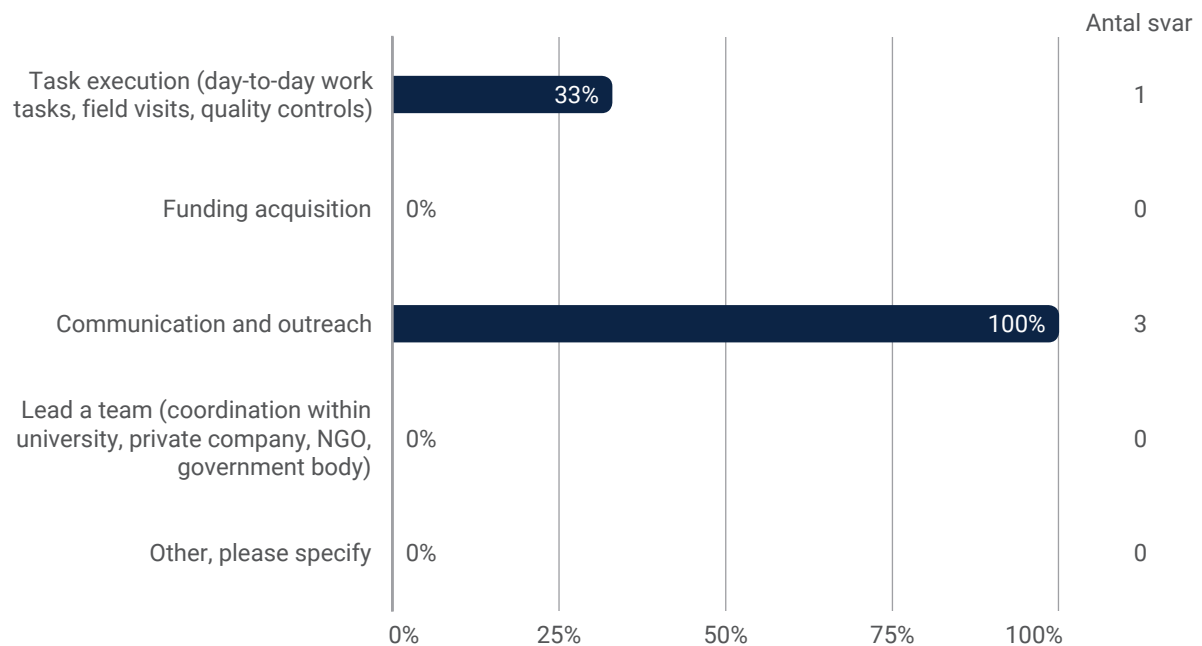
What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics? (pick three main sources or channels).



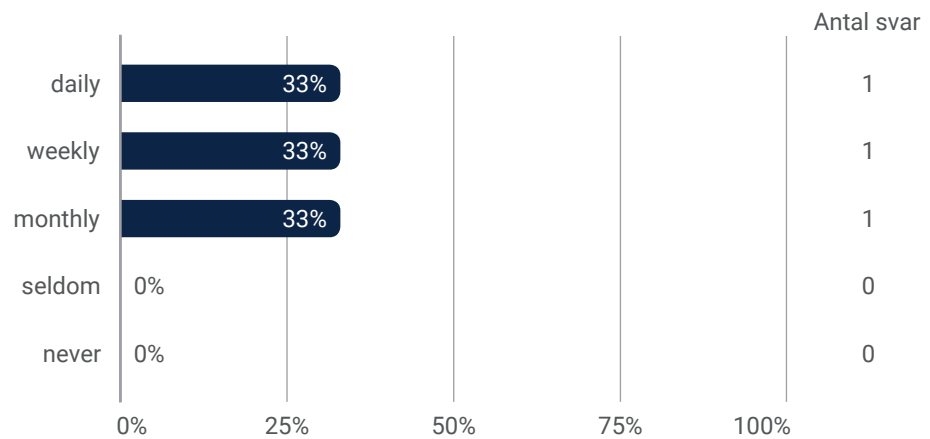
How many years have you been working in the agribusiness sector?



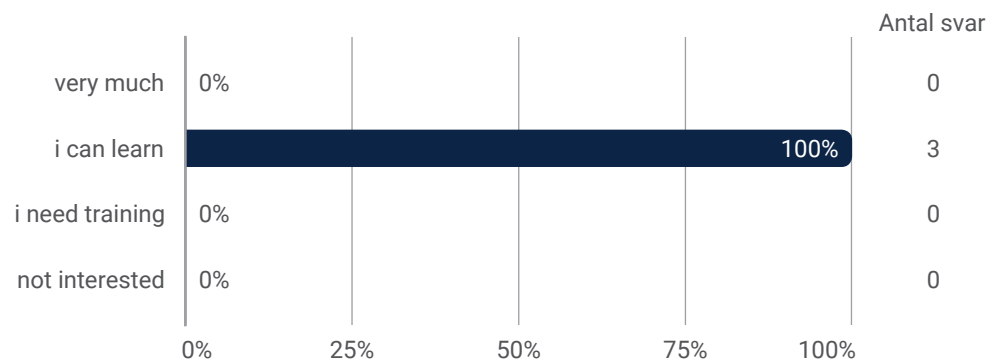
What are the main tasks or responsibilities that you perform in your current job?
(pick three main tasks)



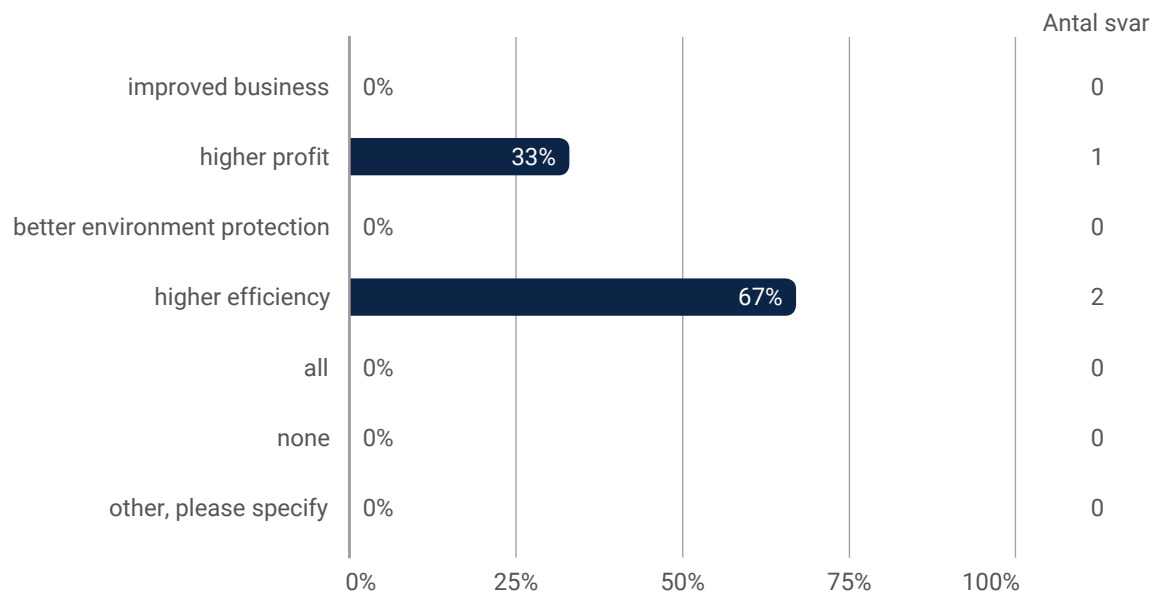
How often do you use or interact with digital technologies or tools in your work?



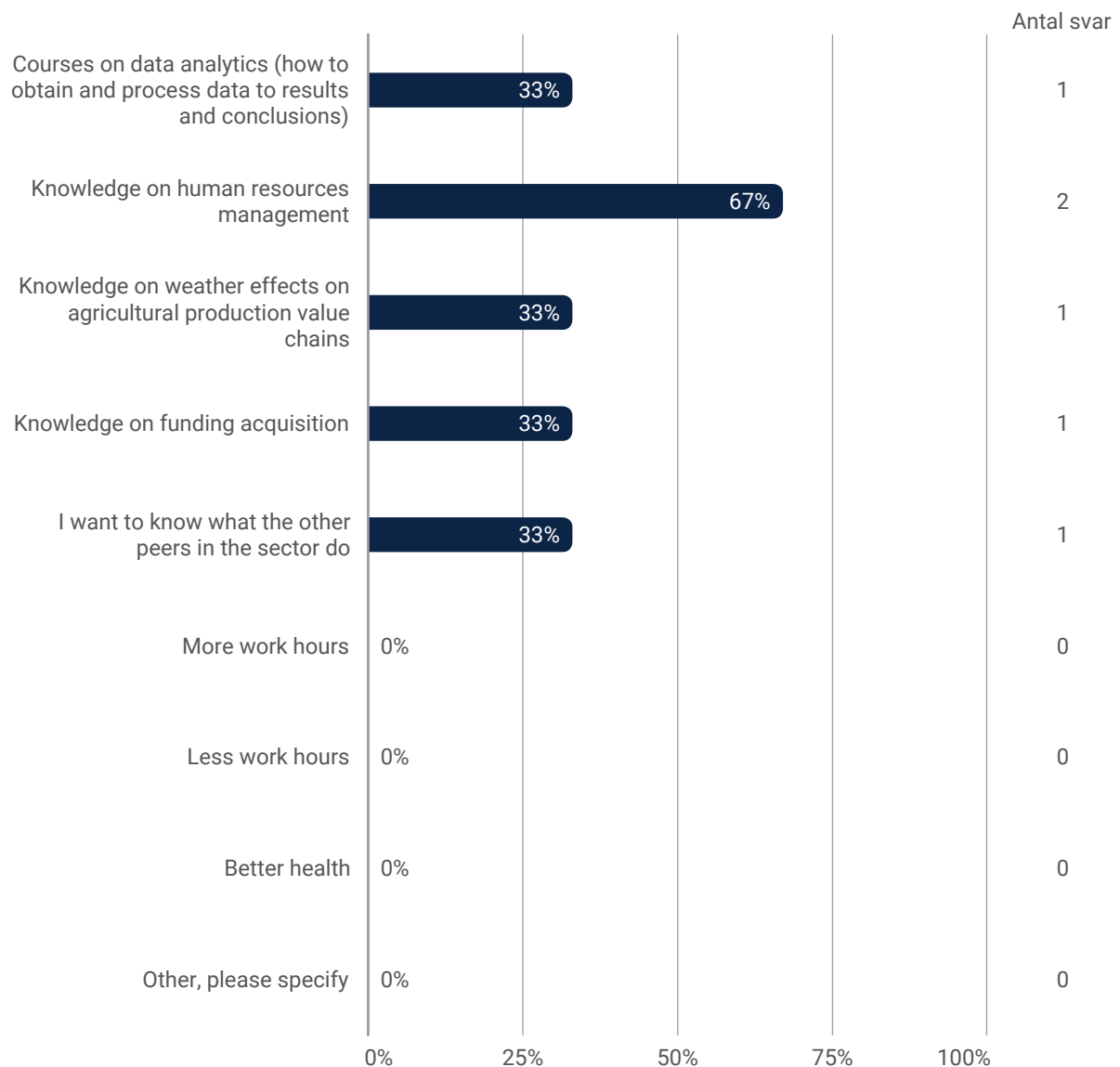
How confident are you in your ability to use or learn new digital technologies or tools in your work?



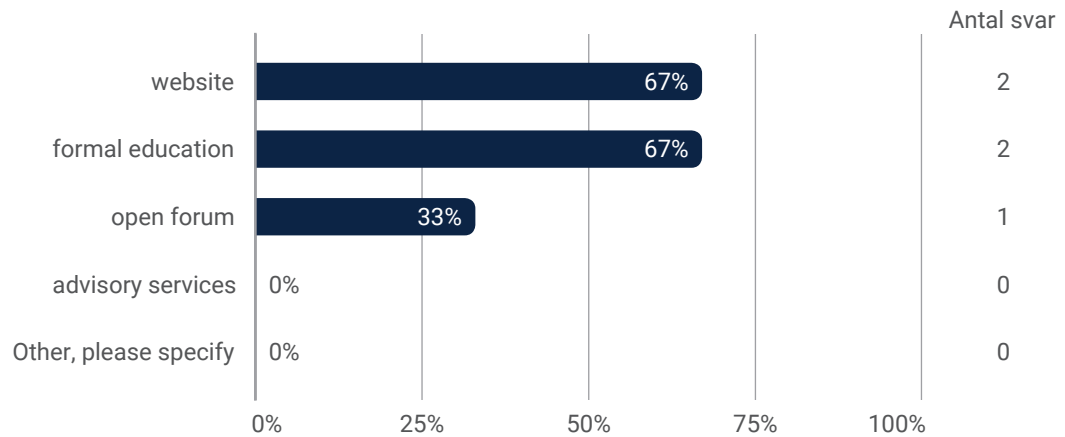
What are the main challenges that you experience or anticipate from using digital technologies or tools in your work?



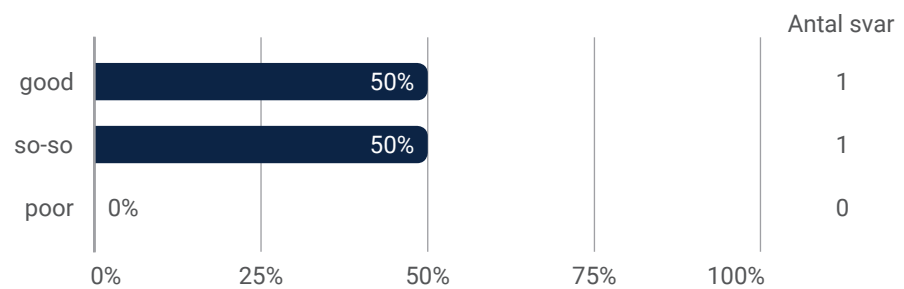
What skills or knowledge do you have or need to improve your performance and productivity in your work? (max three choices)



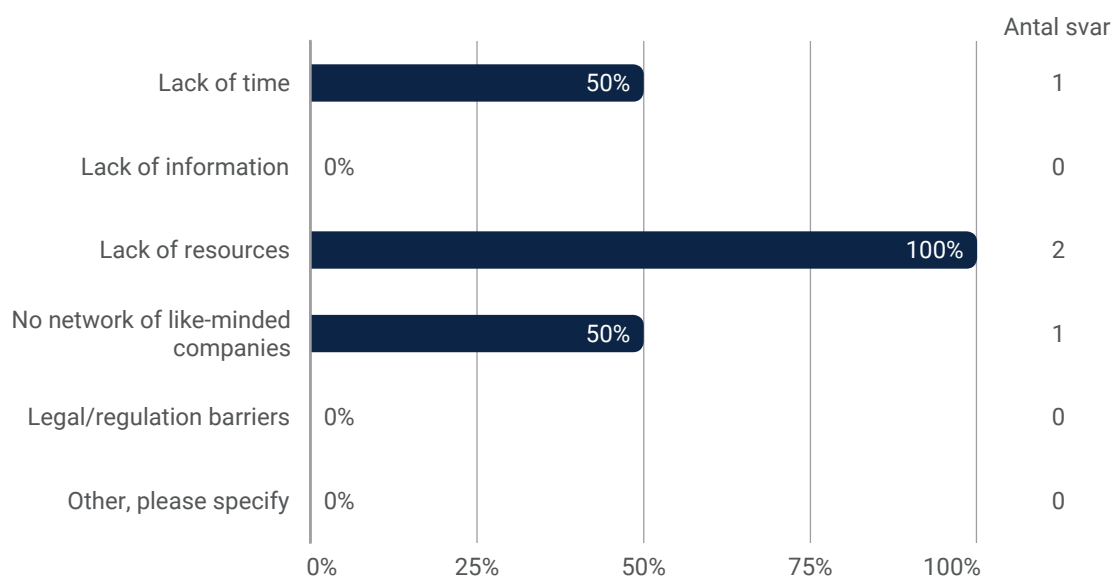
How do you access or prefer to access information or training on agribusiness skills or topics? (max three choices)



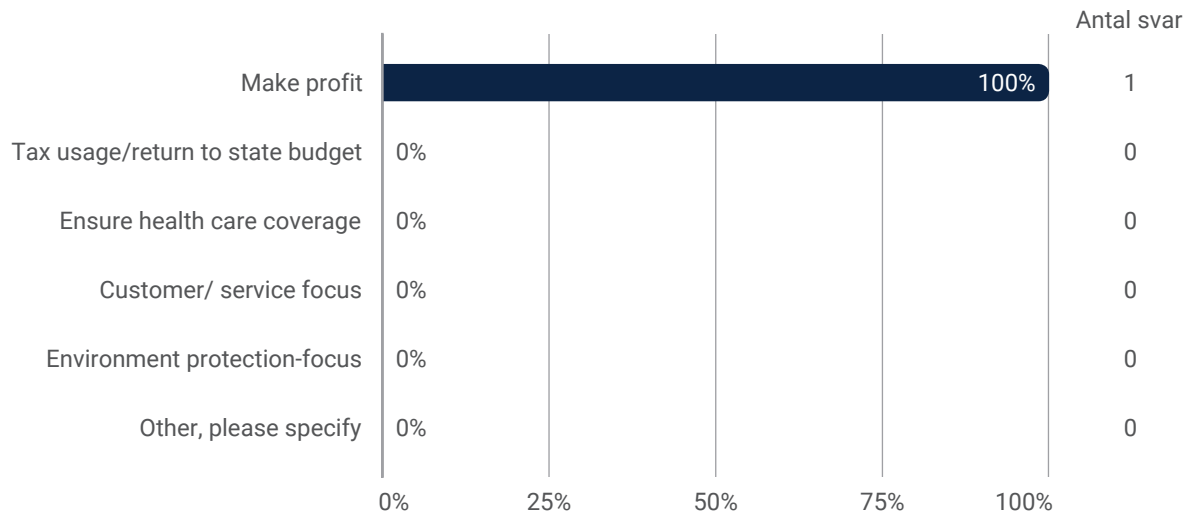
How satisfied are you with the quality and relevance of the information or training that you have received or accessed on agribusiness skills or topics?



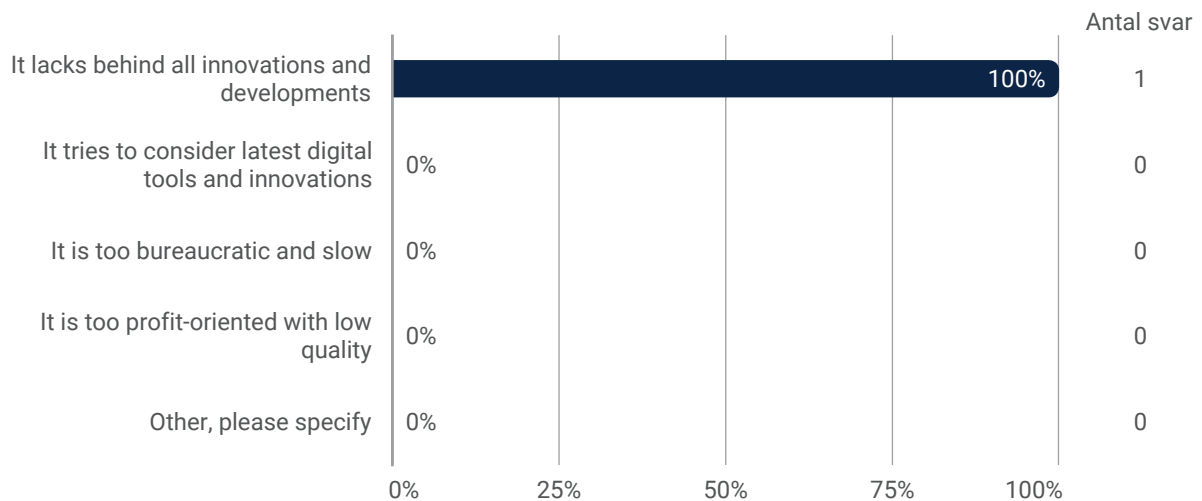
What are the barriers that affect your participation or engagement in information or training on agribusiness skills or topics? (max three choices)



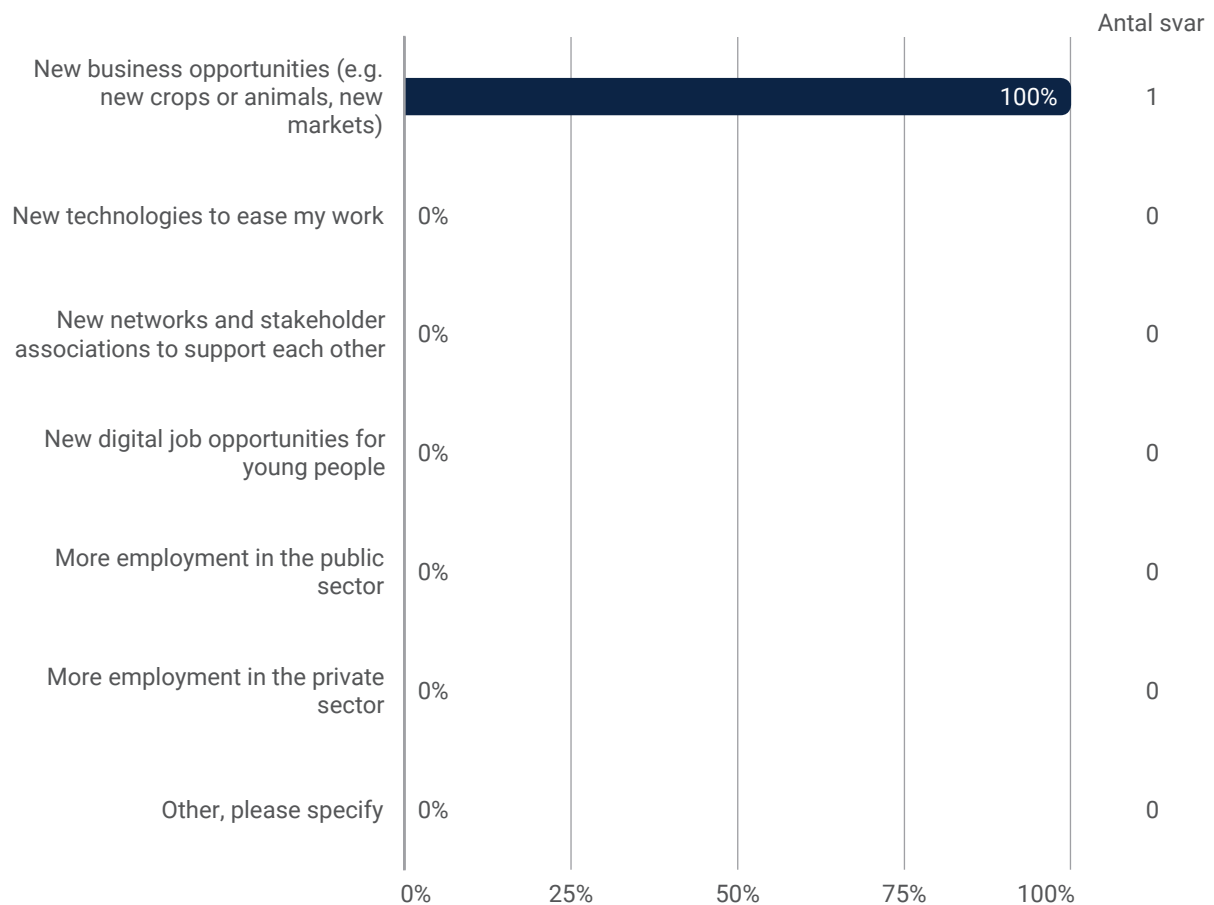
What are the main goals or objectives of your agribusiness organization or enterprise? (max three choices)



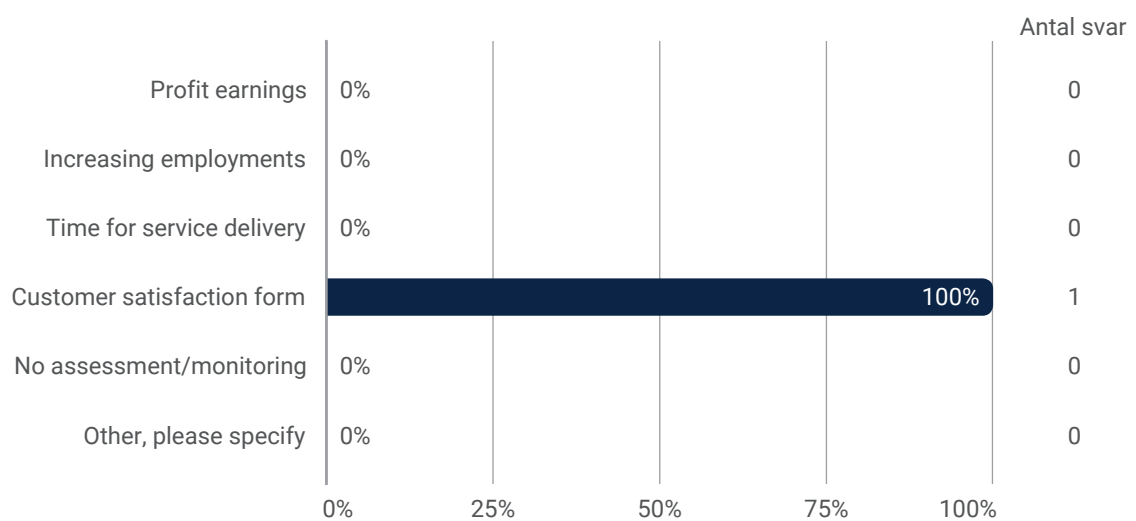
How has the agribusiness sector changed or evolved in the past few years, especially in terms of digital transformation or innovation?



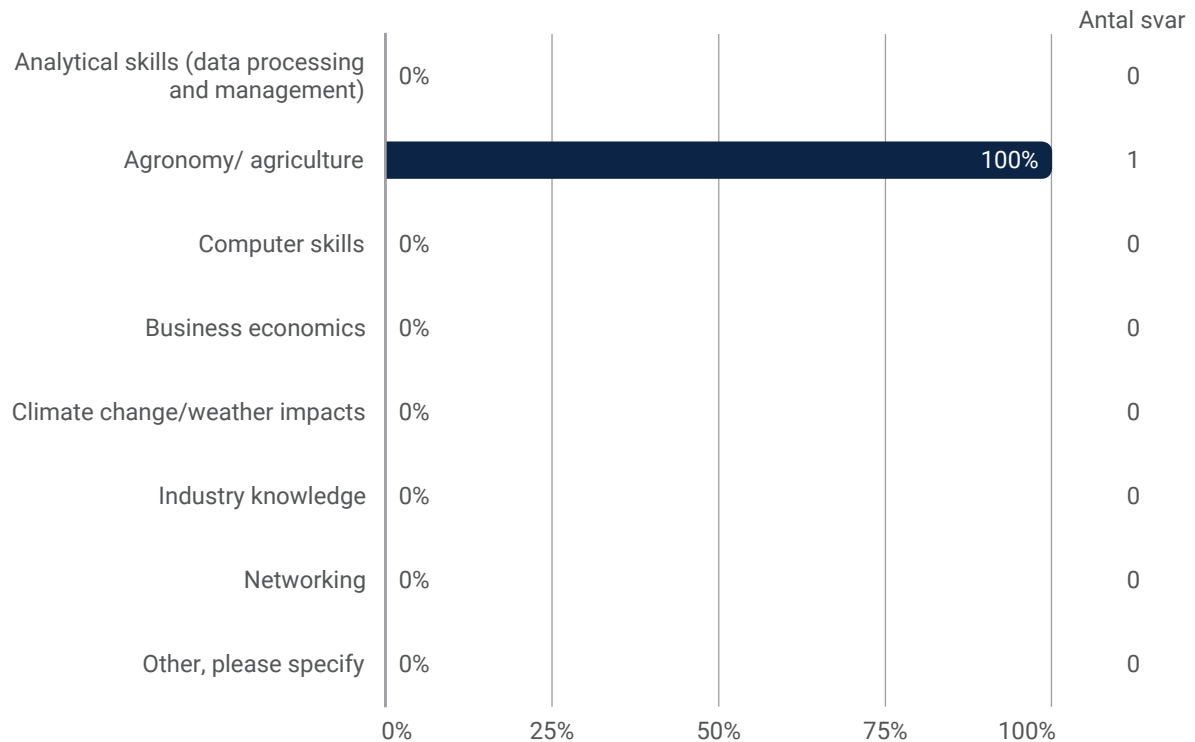
What are the main opportunities that you see or expect from the changing agribusiness sector? (max three choices)



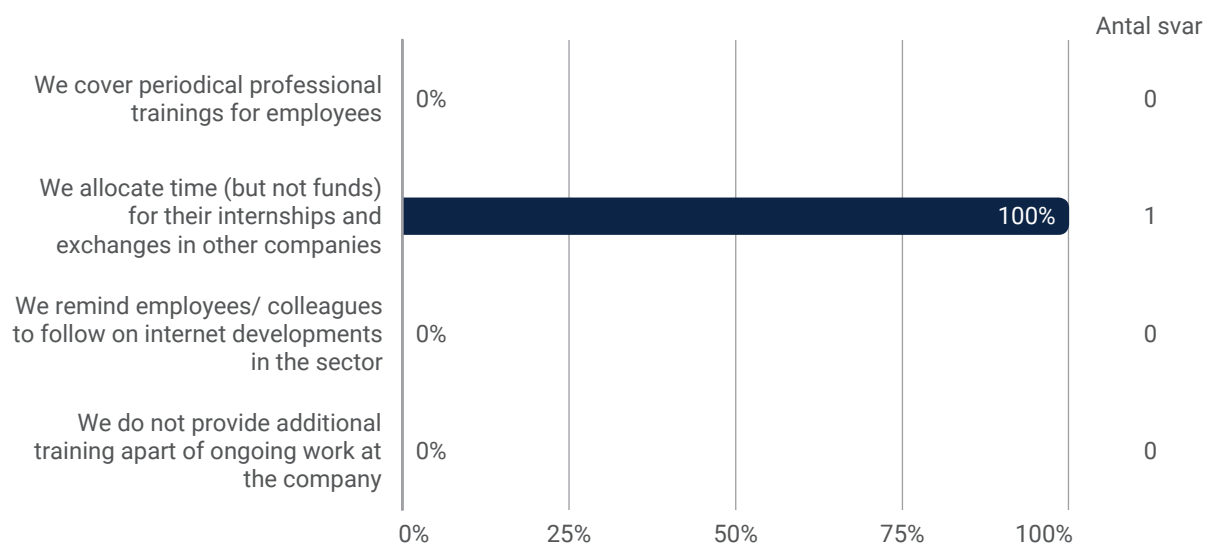
How do you assess or monitor the skills or competencies of your current or potential employee? (max three responses)



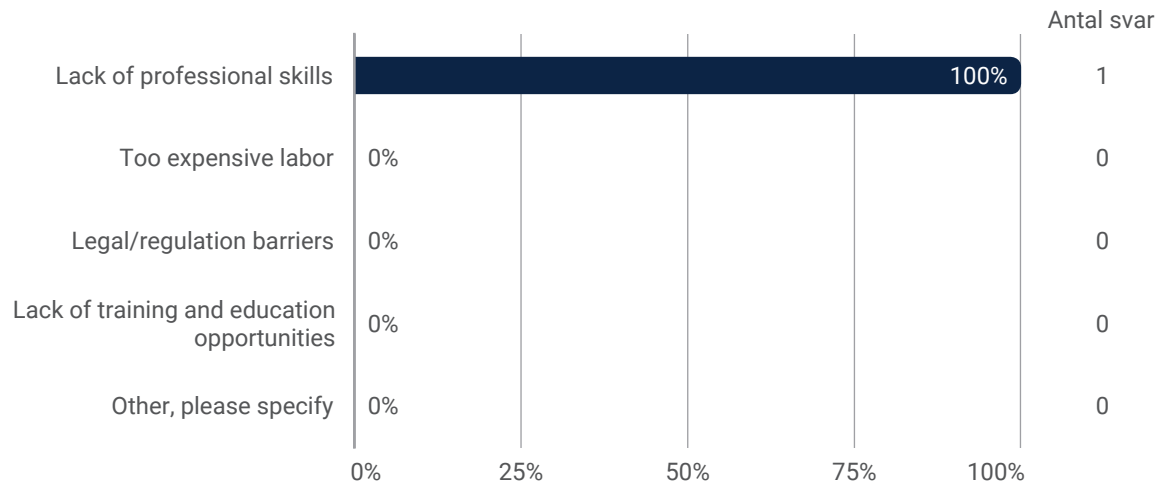
What are the main skills or competencies that you look for or require from your current or potential employees? (max three choices)



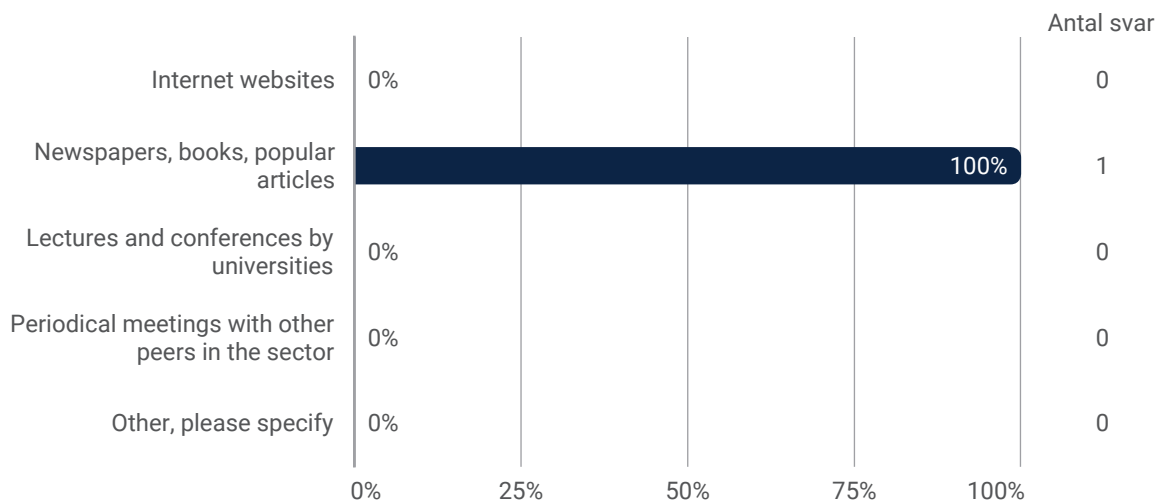
How do you support or facilitate the development or improvement of skills or competencies of your current or potential employees?



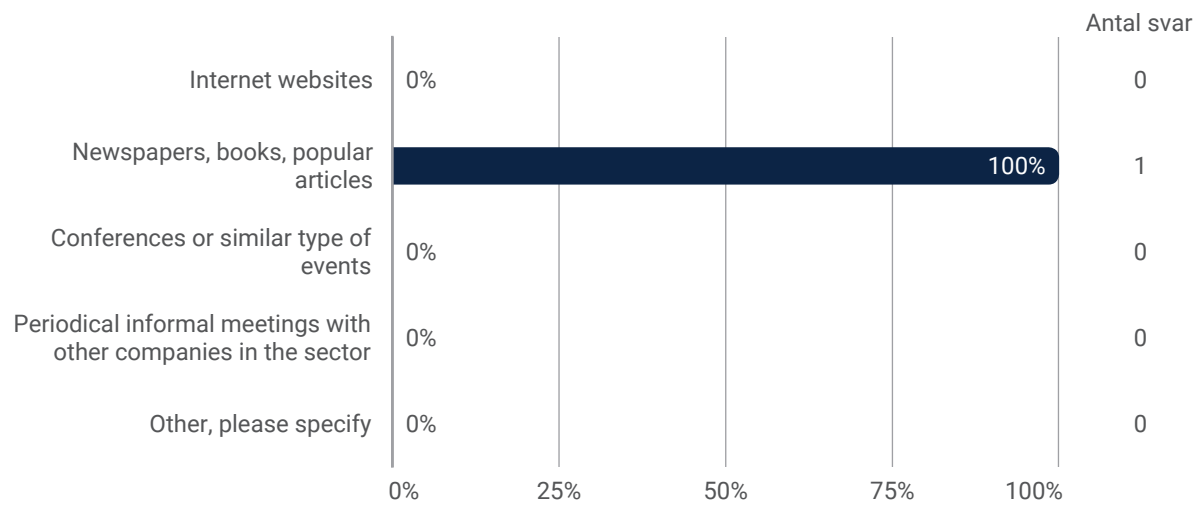
What are the main challenge or difficulty that you face or anticipate in finding, hiring, or retaining skilled or competent employees?



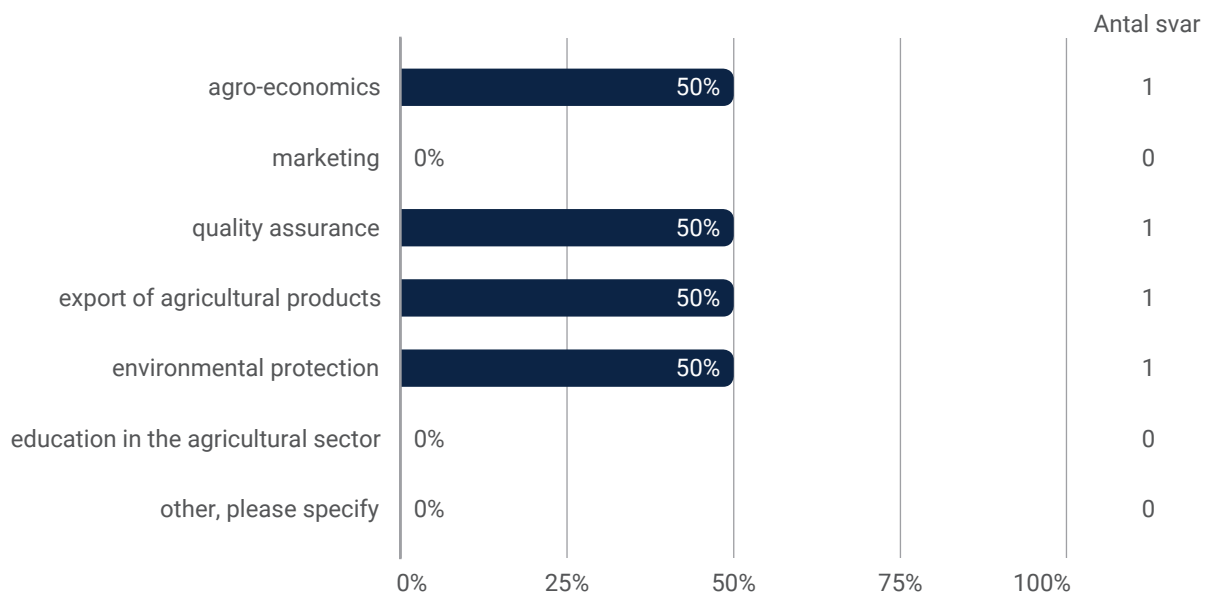
What are the main sources or channels that you use or prefer to access information or training on agribusiness skills or topics? (max three choices)



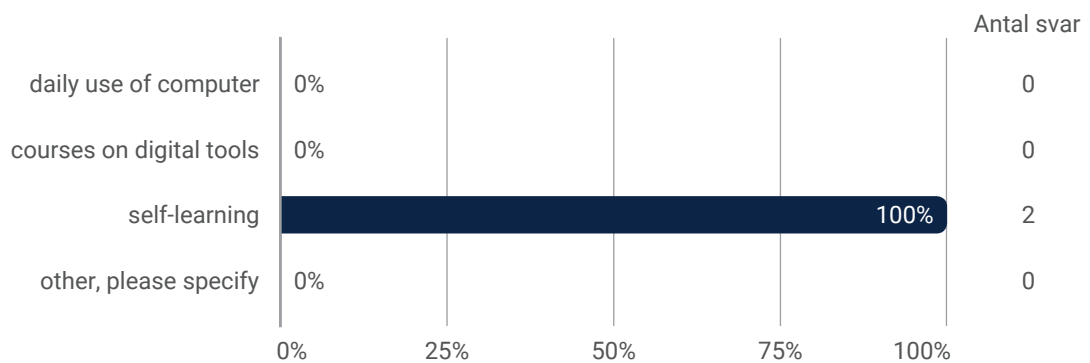
How do you collaborate or network with other agribusiness organizations or stakeholders in the sector? (max three choices)



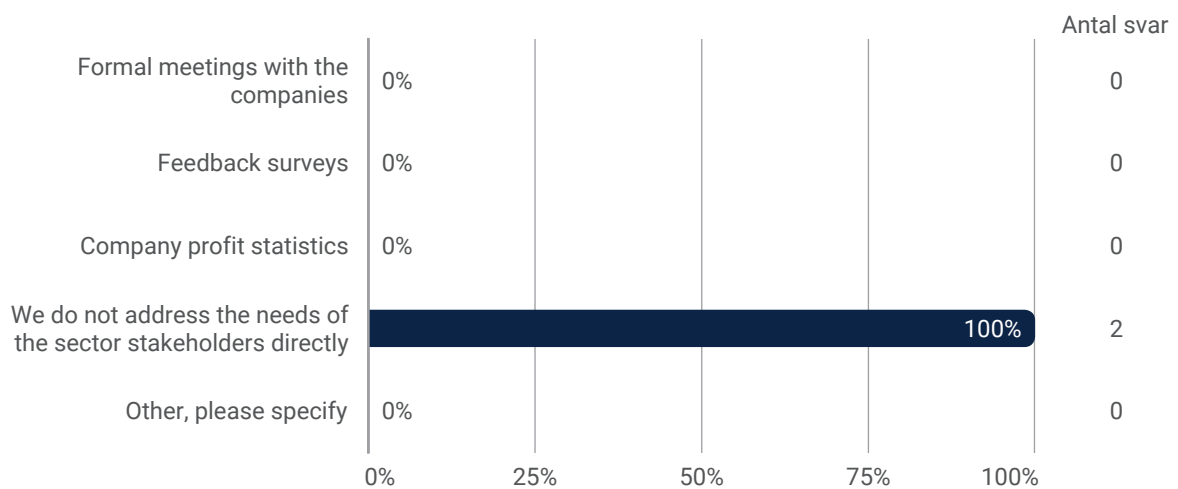
What are the main policies or regulations that you implement or enforce in the agribusiness sector?
(max three choices)



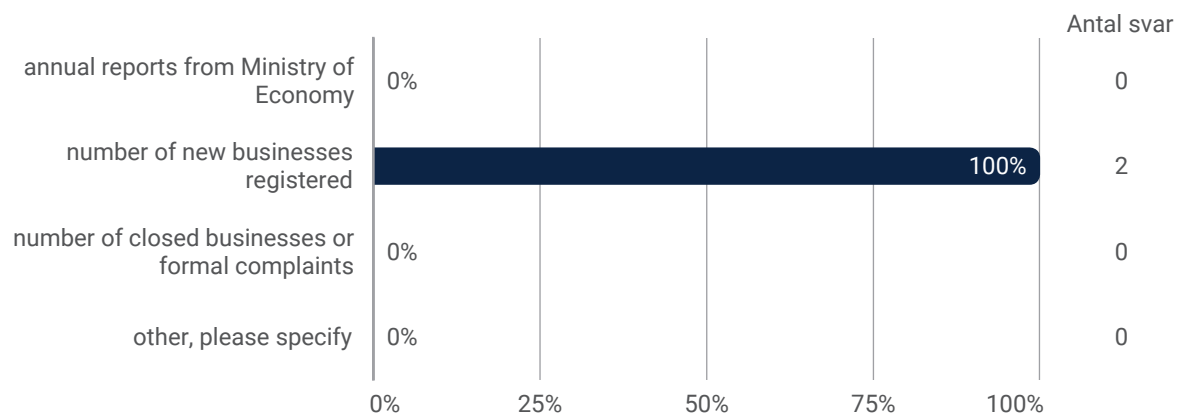
How do you use or promote digital technologies or tools in the agribusiness sector?
(pick main choice)



How do you address or balance the needs or interests of different stakeholders in the agribusiness sector, such as producers, consumers, investors, or environmentalists? (max three main choices)

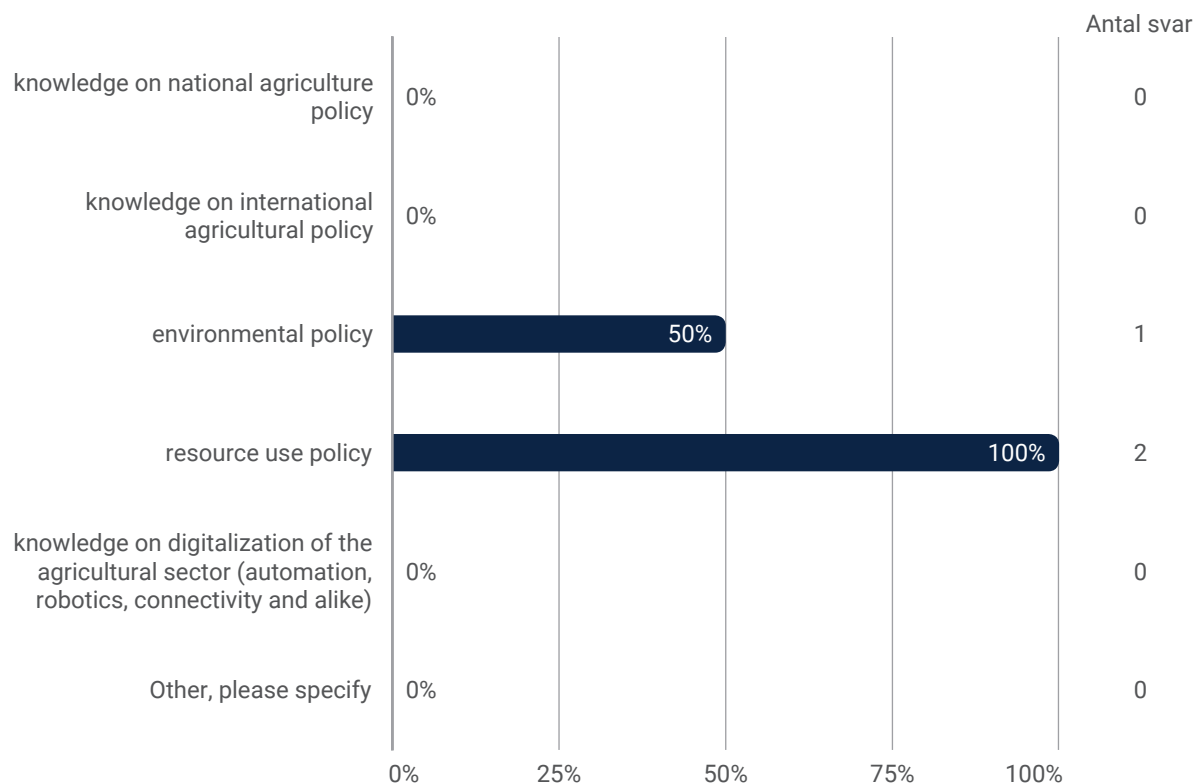


How do you monitor or evaluate the impact or effectiveness of your policies or regulations in the agribusiness sector?

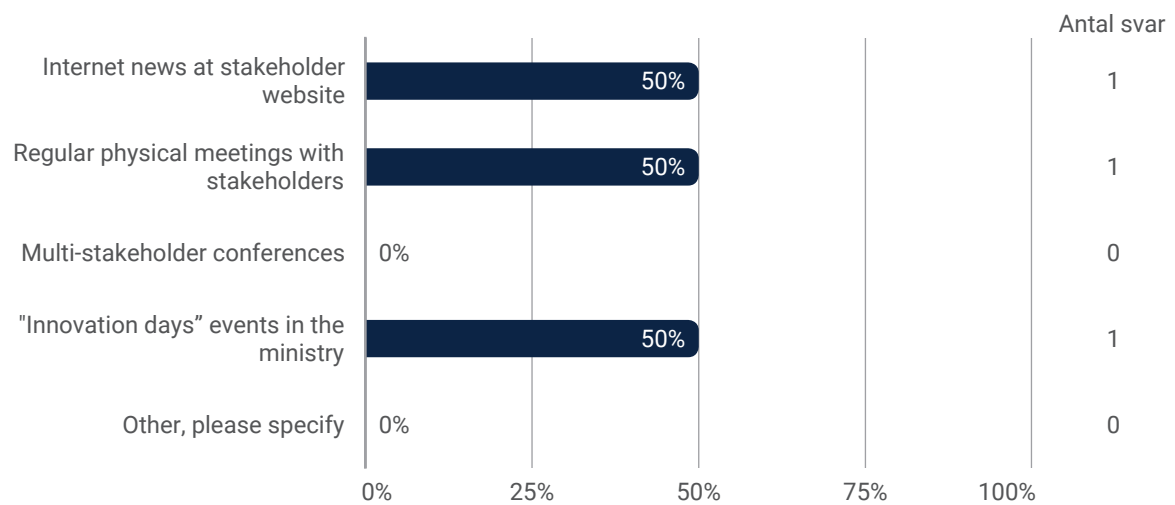


What are the main skills or competencies that you have or need to perform your role or function in the agribusiness sector?

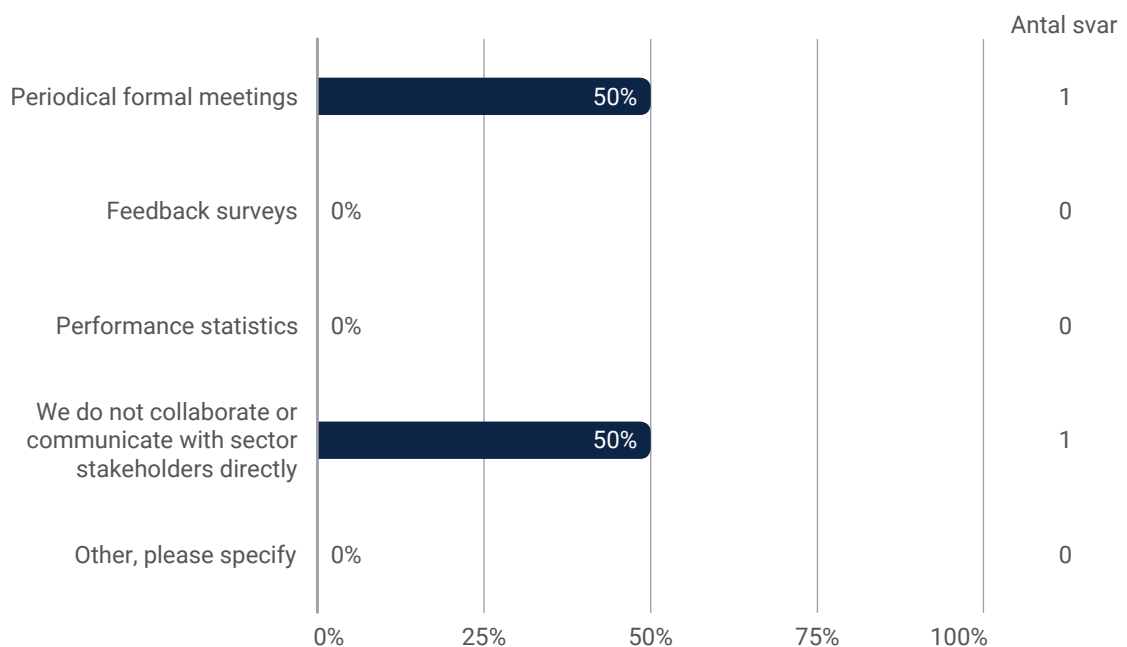
(max three choices)



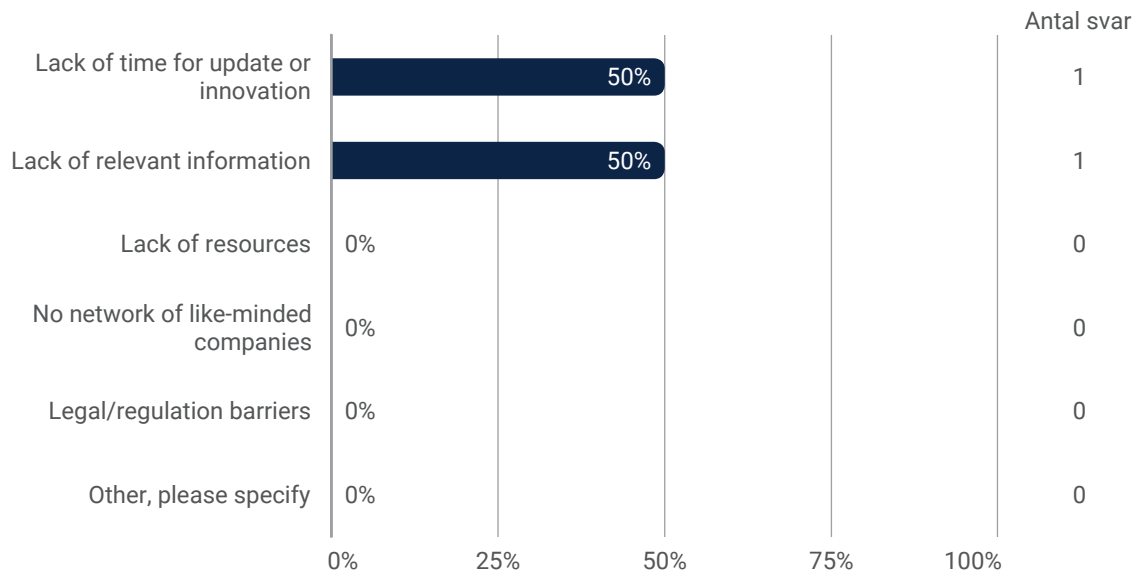
How do you access or prefer to access information or training on agribusiness skills or topics?
(max two main choices)



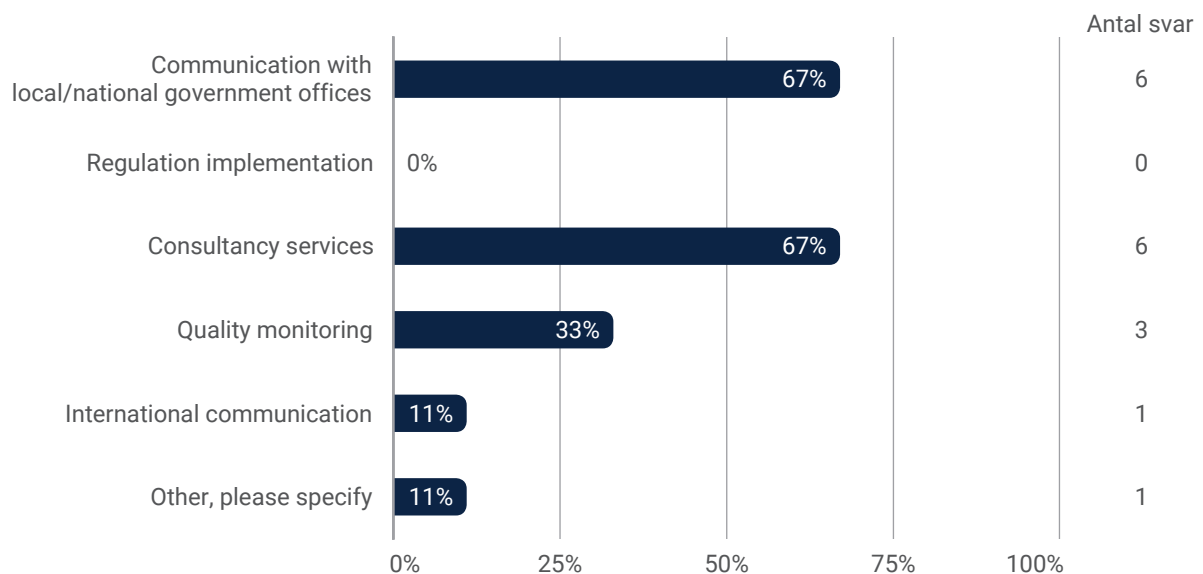
How do you collaborate or communicate with other stakeholders in the agribusiness sector, such as industry associations, civil society organizations, or international agencies?
(max three choices)



What are the main challenges that you face or anticipate in implementing or improving your policies or regulations in the agribusiness sector?
(max three choices)



What are the main services or advice that you provide or offer to the agribusiness sector?
(max three choices)

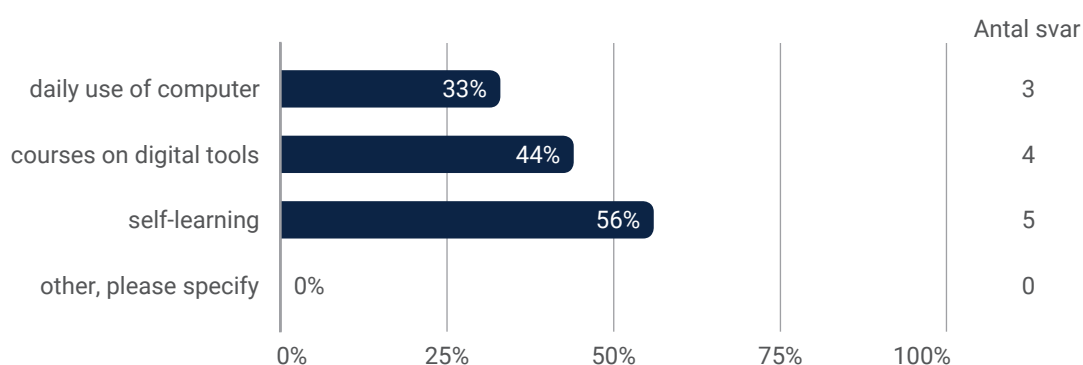


What are the main services or advice that you provide or offer to the agribusiness sector?
(max three choices) - Other, please specify

sell fresh pineapple and pineapple juice

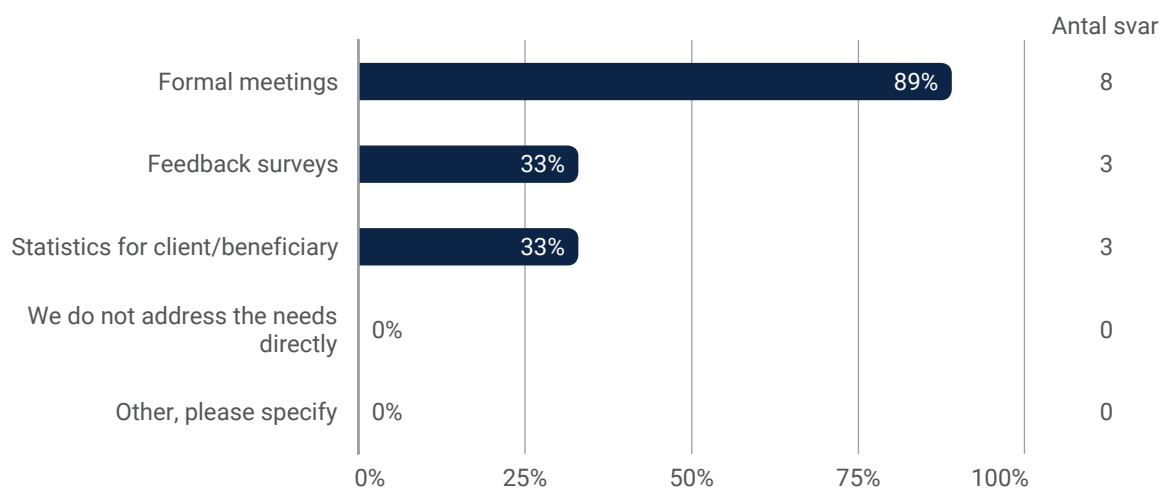
How do you use or recommend digital technologies or tools in the agribusiness sector?

(max two choices)

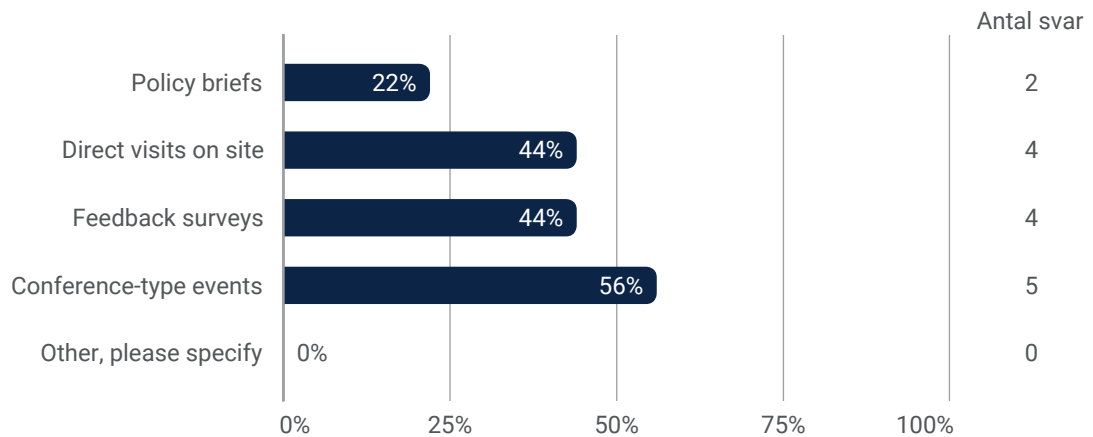


How do you assess or understand the needs or problems of your clients or beneficiaries in the agribusiness sector?

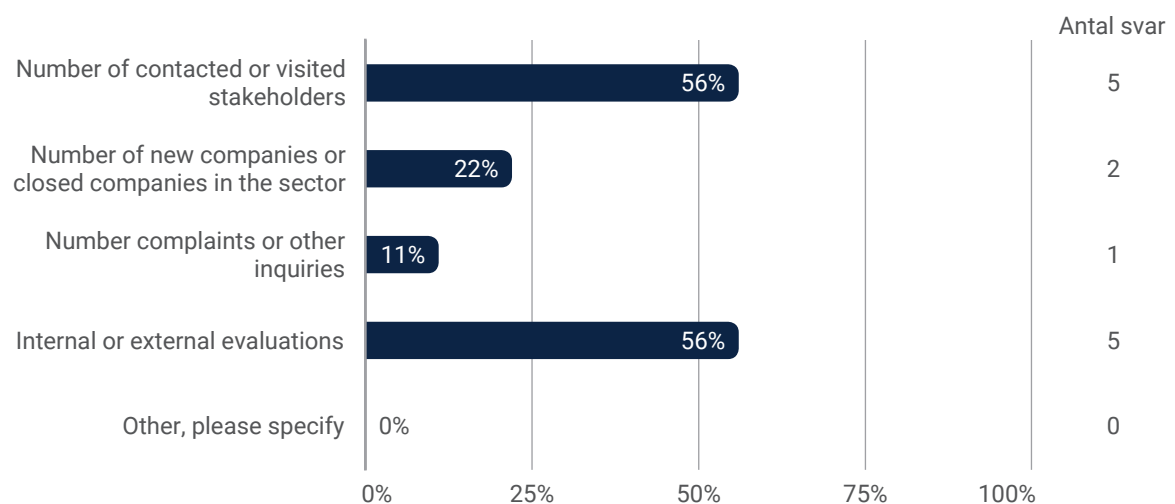
(max three choices)



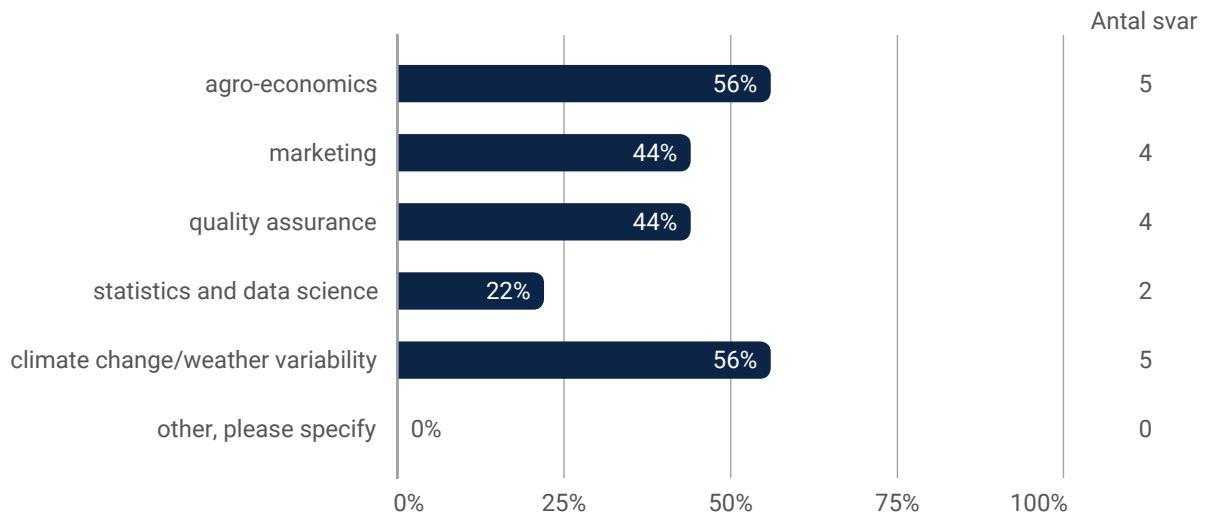
How do you deliver or disseminate your services or advice to your clients or beneficiaries in the agribusiness sector?
(max three choices)



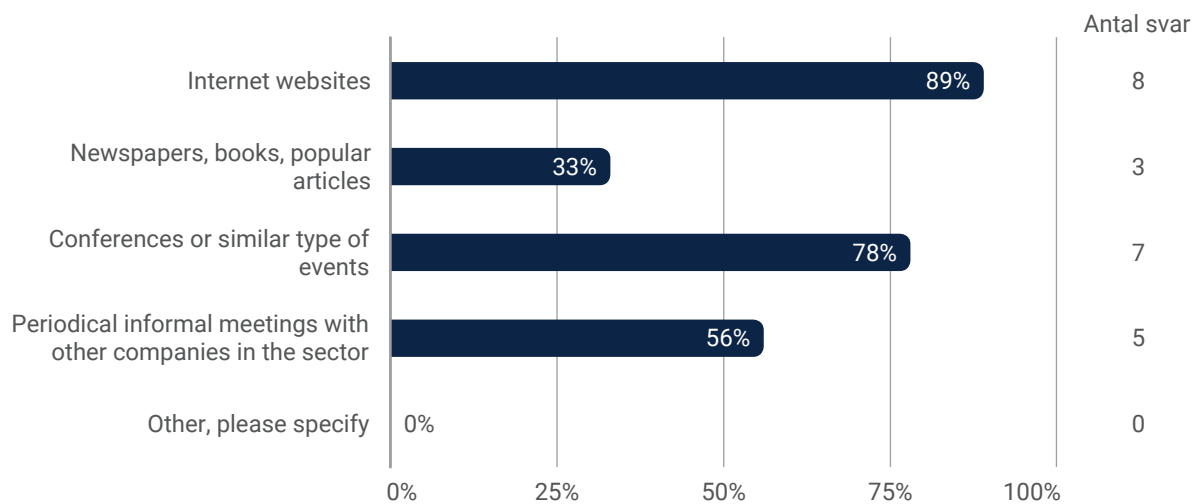
How do you measure or demonstrate the value or impact of your services or advice in the agribusiness sector?
(max three choices)



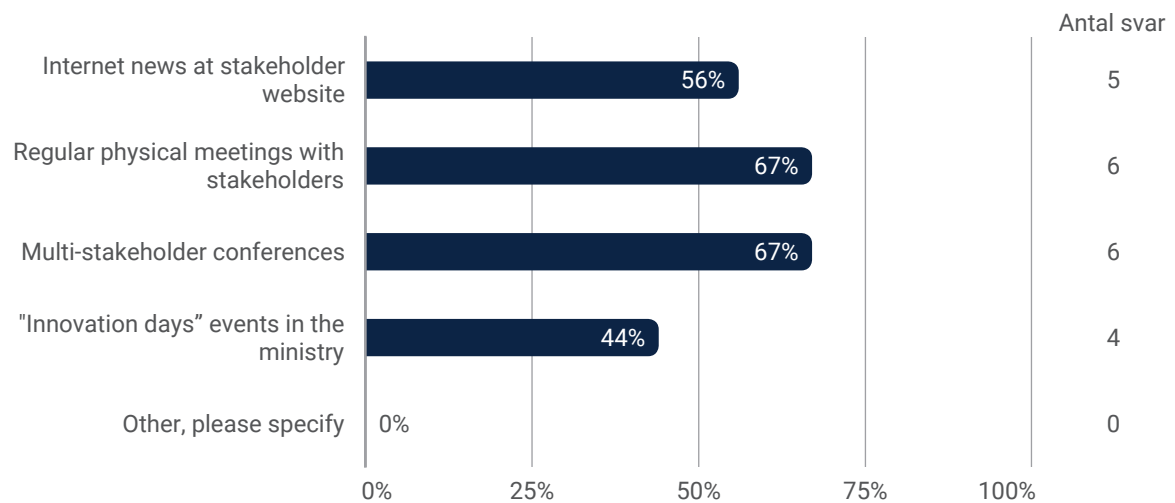
What are the main skills or competencies that you have or need to provide or improve your services or advice in the agribusiness sector?
(max three choices)



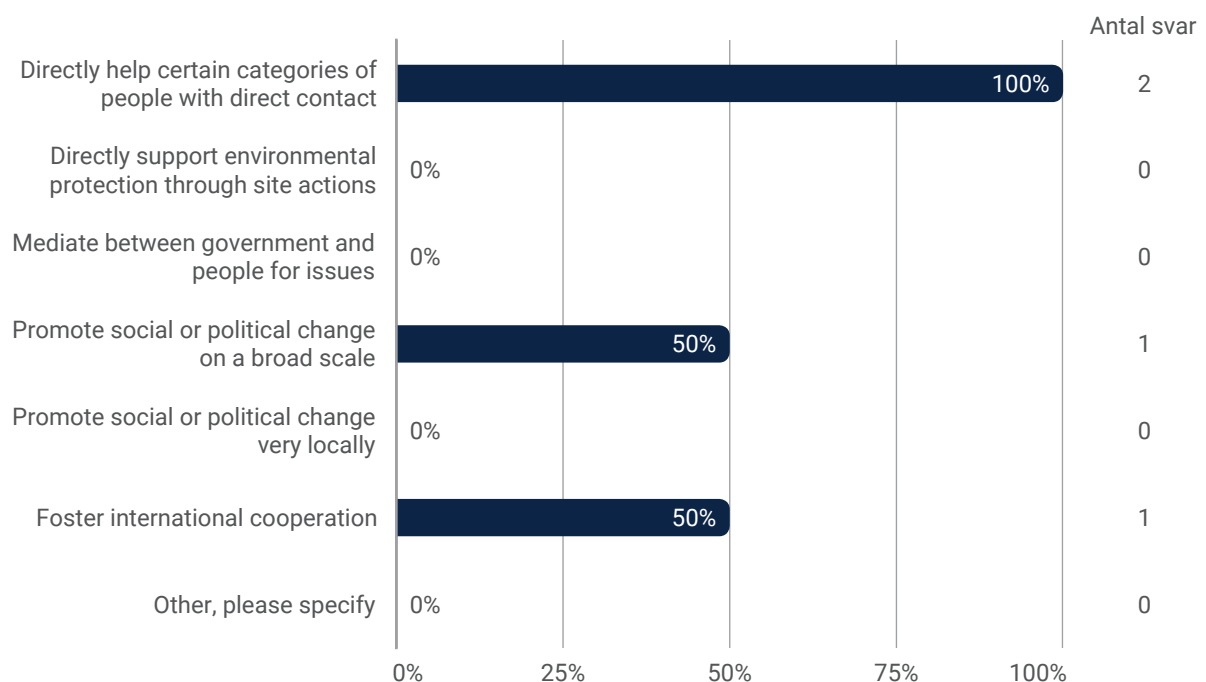
How do you access or prefer to access information or training on agribusiness skills or topics?
(max three main choices)



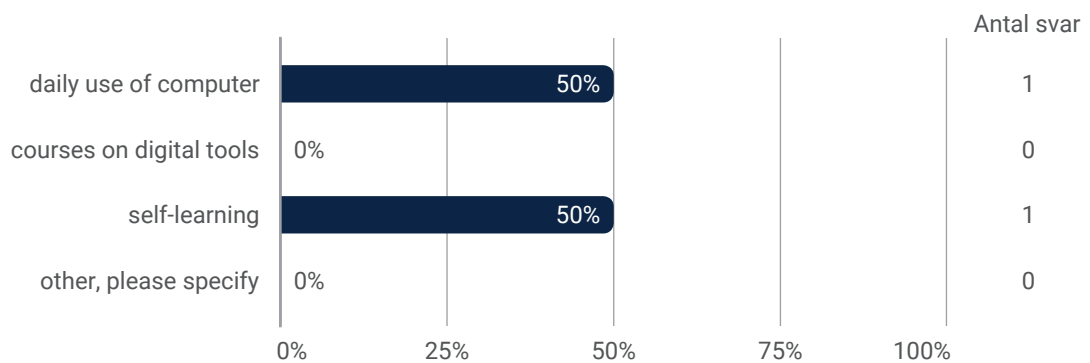
How do you collaborate or network with other stakeholders in the agribusiness sector, such as researchers, educators, or policy makers? (max three choices)



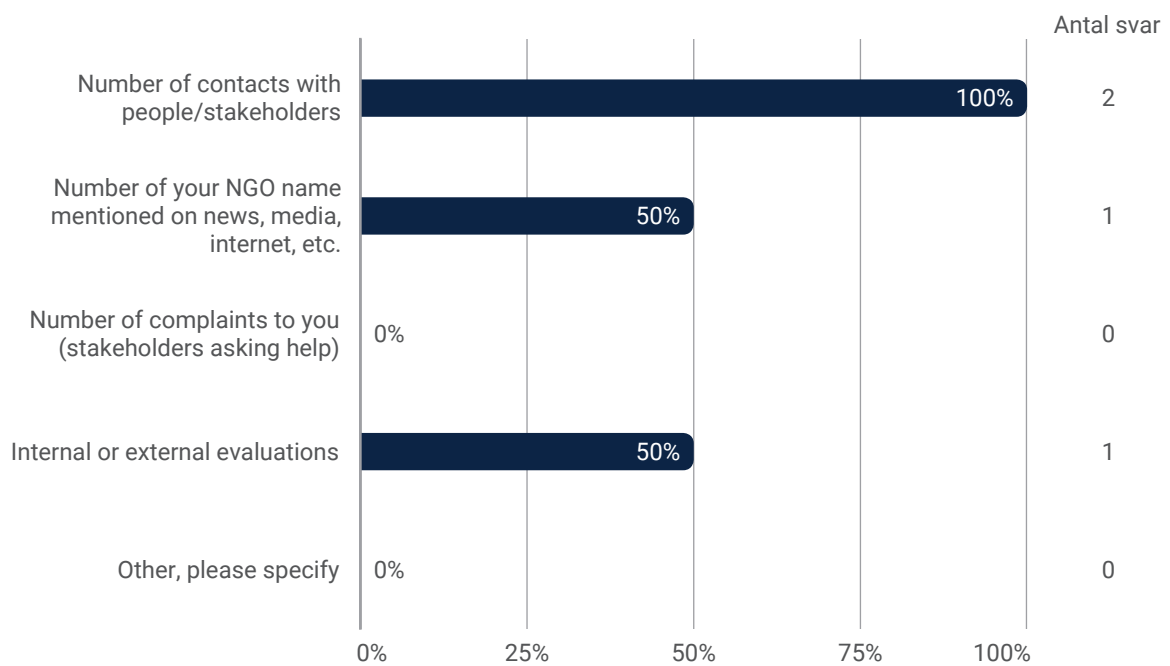
What are the main goals or missions of your NGO in the agribusiness sector? (max three main choices)



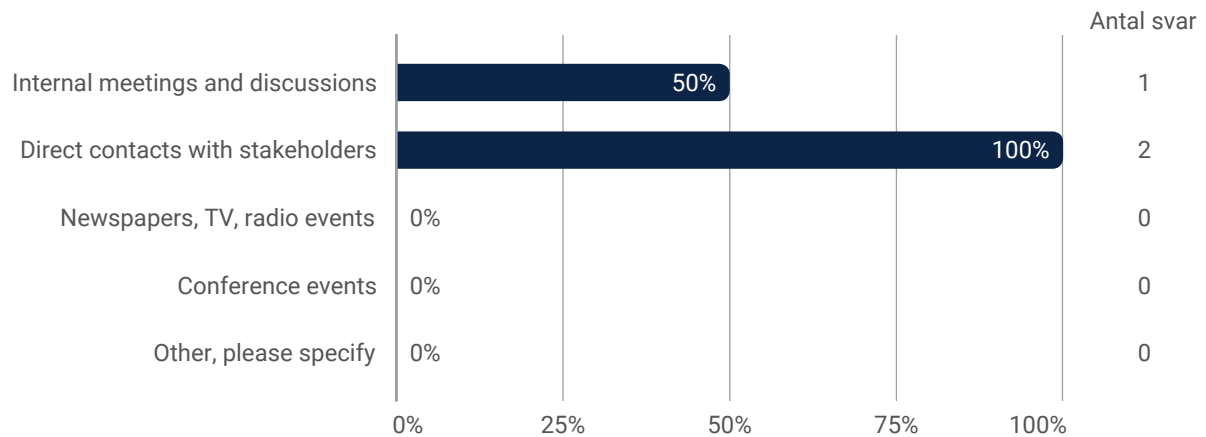
How do you implement or support digital technologies or tools in your agribusiness projects or activities?



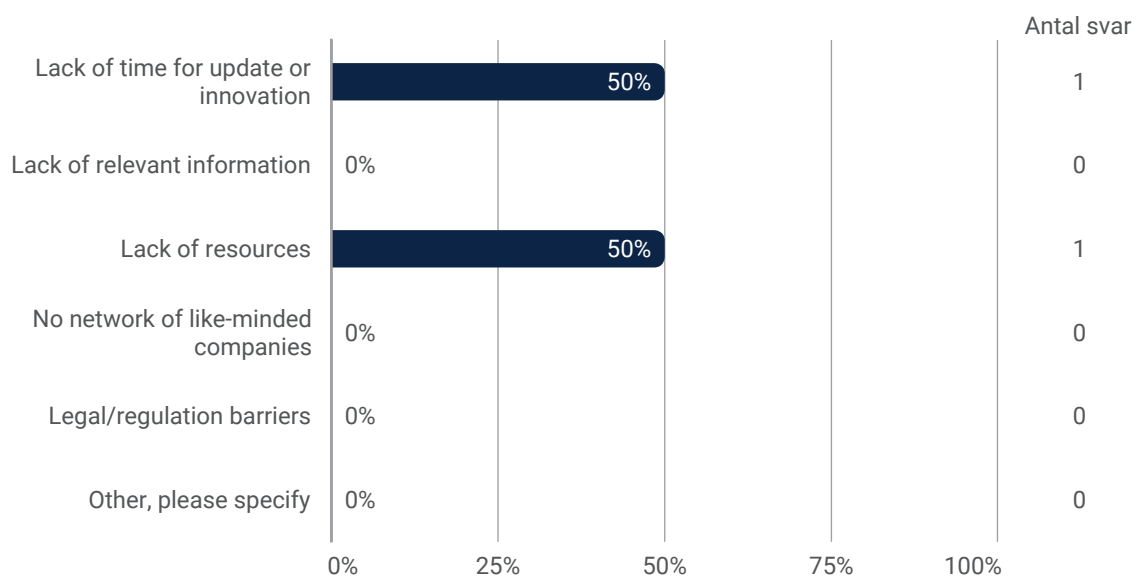
How do you evaluate or demonstrate the impact or effectiveness of your agribusiness projects or activities?



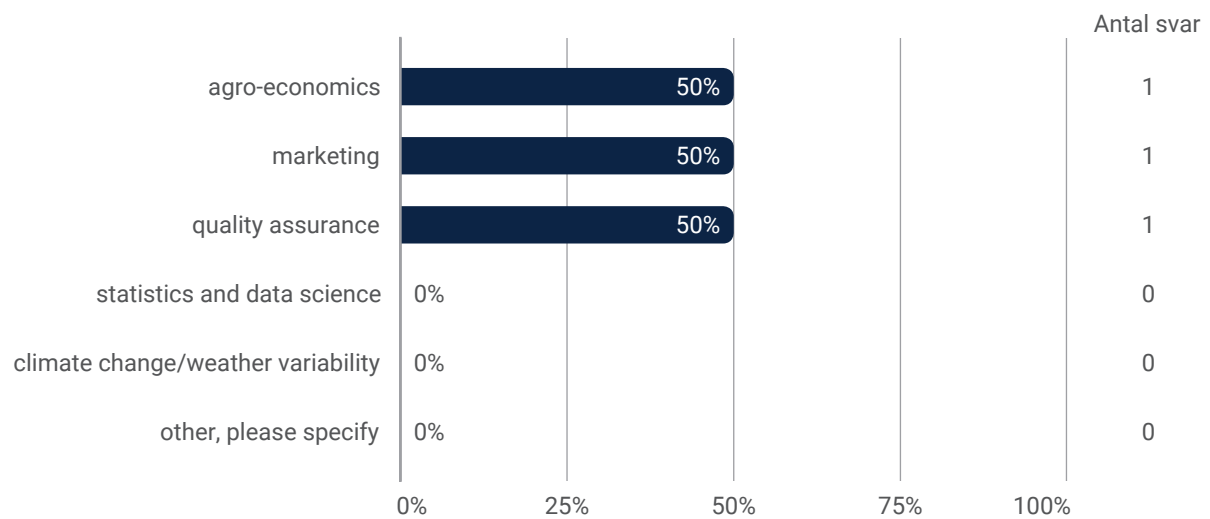
How do you collaborate or coordinate with other stakeholders in the agribusiness sector, such as farmers, businesses, policy makers, or consumers?



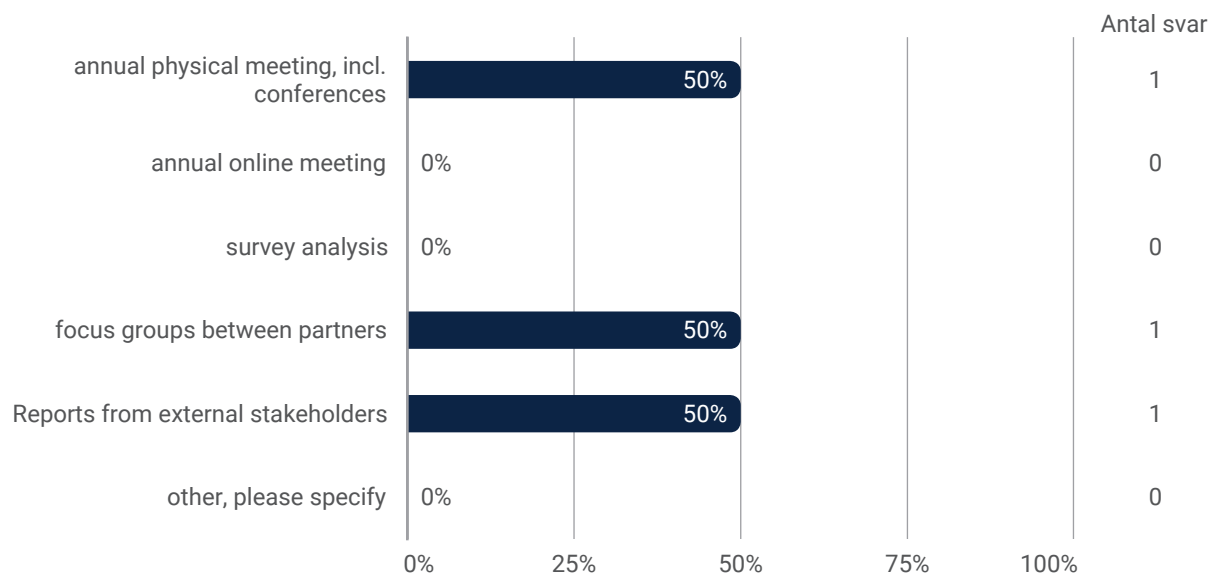
What are the main challenges that you face or foresee in advancing or improving your agribusiness projects or activities?
(max three choices)



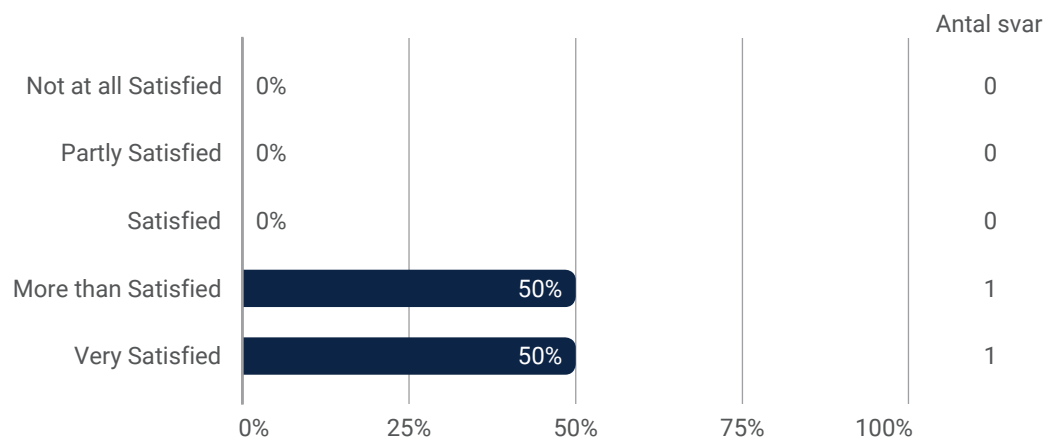
What are the main skills or competencies that you have or need to enhance your performance and productivity in your agribusiness projects or activities?
(max three choices)



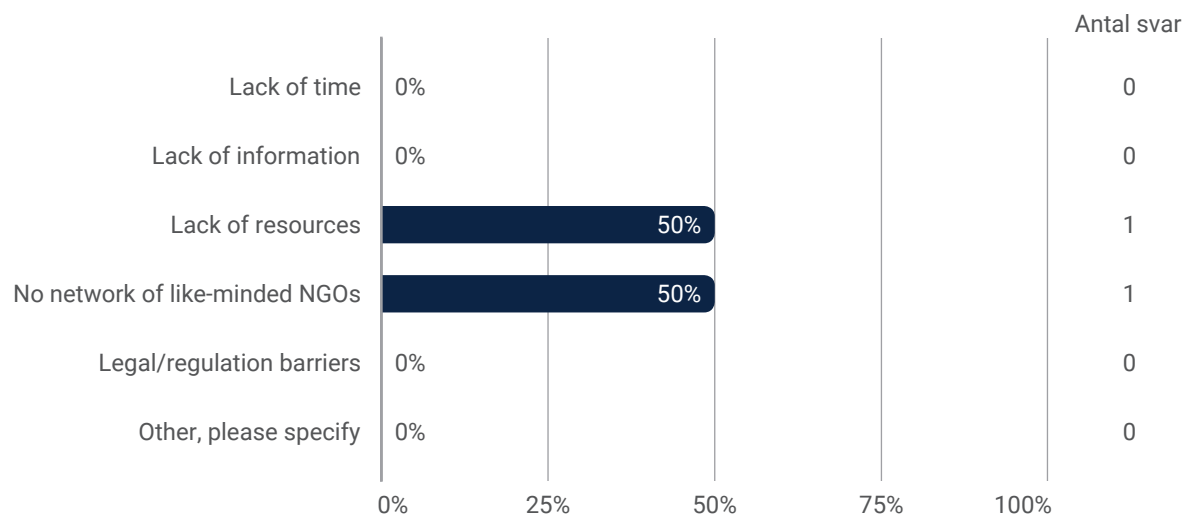
How do you access or prefer to access information or training on agribusiness skills or topics? (max three choices)



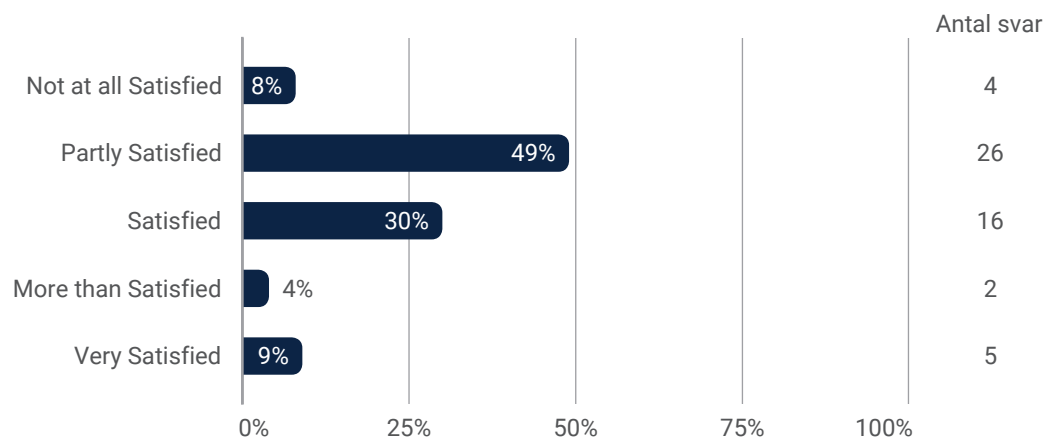
How satisfied are you with the quality and relevance of the information or training that you have received or accessed on agribusiness skills or topics?



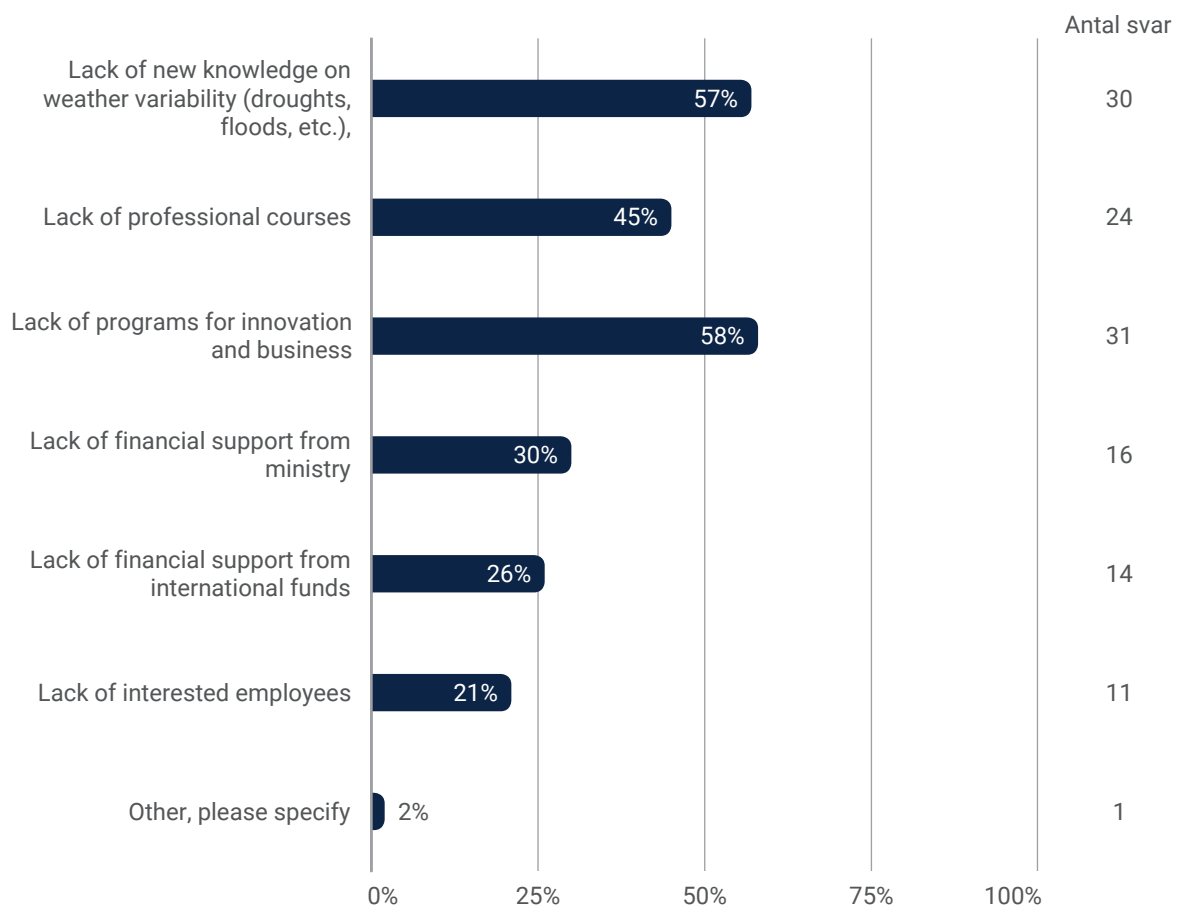
What are the main barriers that affect your participation or engagement in information or training on agribusiness skills or topics?
(max three choices)



How satisfied are you with the current state of the agribusiness sector in your country?



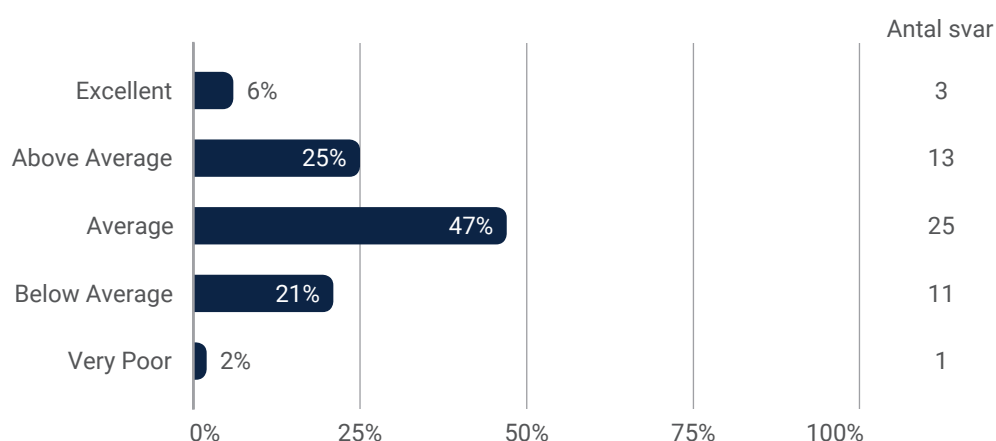
What are the main challenges that you face or foresee in the agribusiness sector?
(max three main choices)



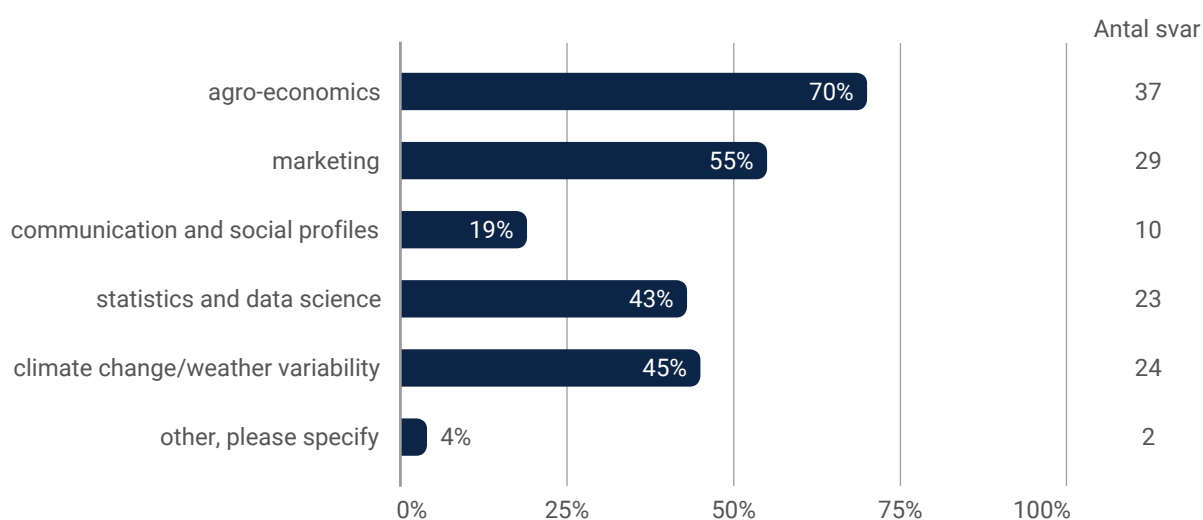
What are the main challenges that you face or foresee in the agribusiness sector?
(max three main choices) - Other, please specify

Lack of market

How do you rate your own skills or competencies in agribusiness management, climate-smart agriculture, or other relevant areas?



What are the most important skills or competencies that you would like to improve or acquire in the agribusiness sector?
(max three main choices)

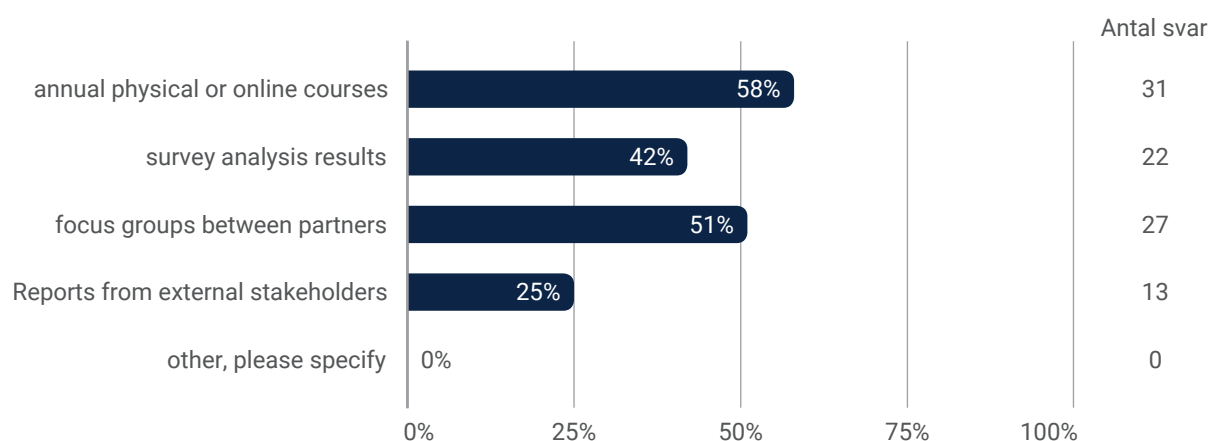


What are the most important skills or competencies that you would like to improve or acquire in the agribusiness sector? (max three main choices) - other, please specify

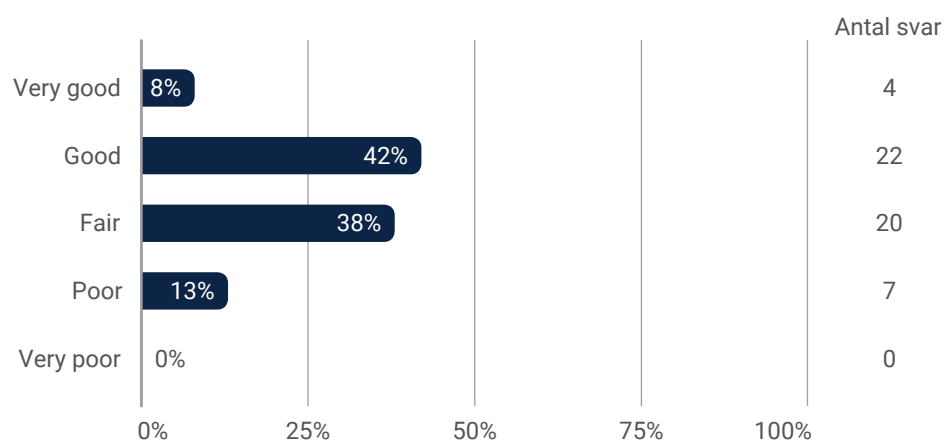
Industry

Food analysis

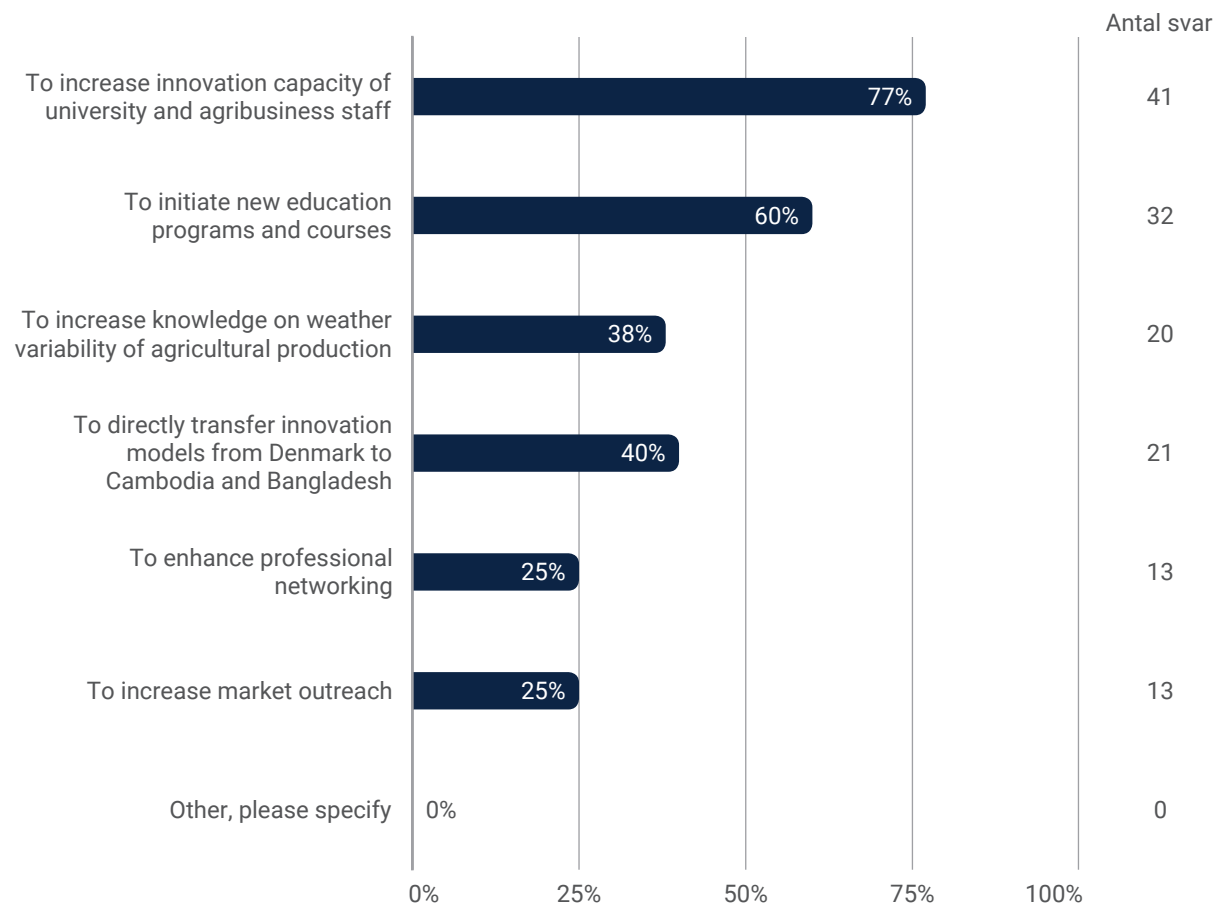
How do you prefer to learn or update your skills or knowledge in the agribusiness sector? (max three main choices)



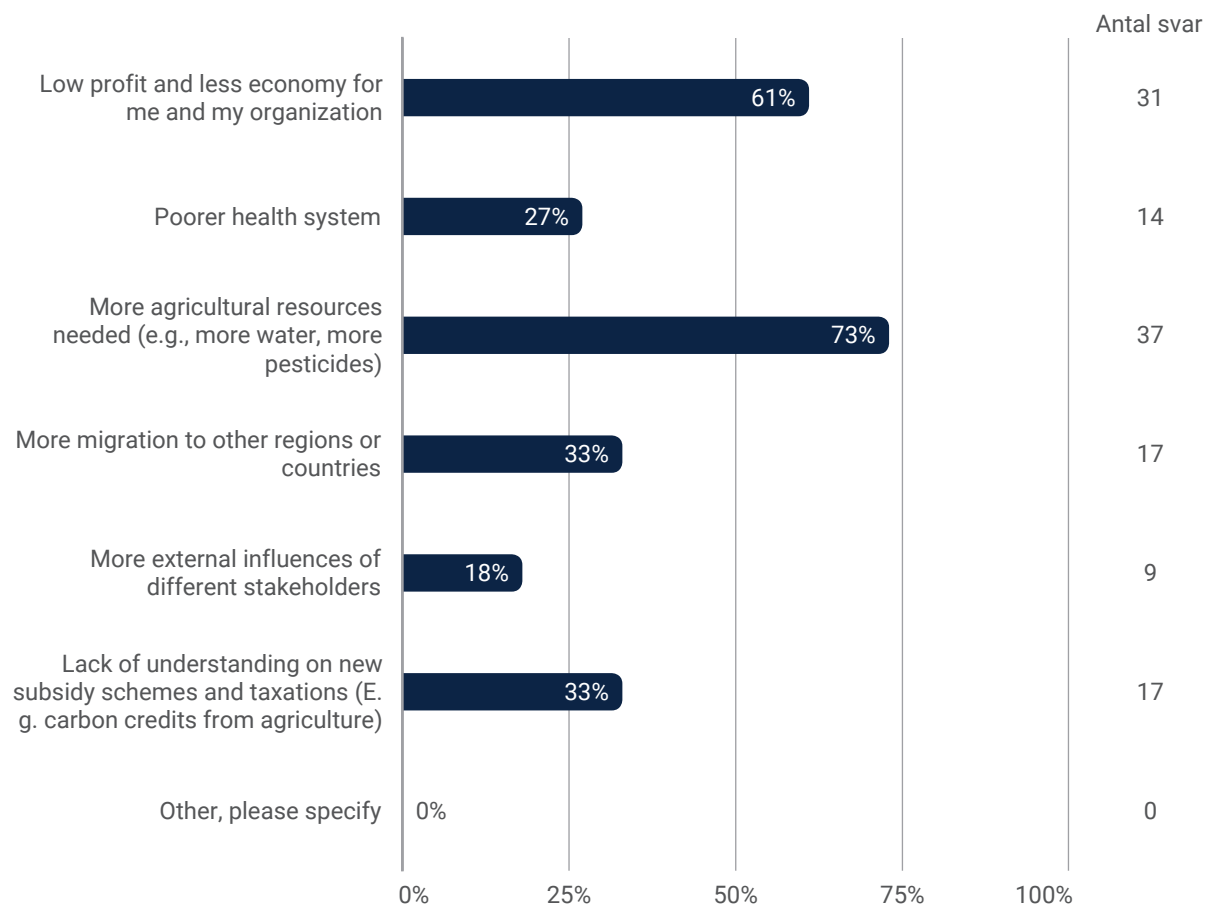
How do you assess the quality and relevance of the existing education or training programs in the agribusiness sector?



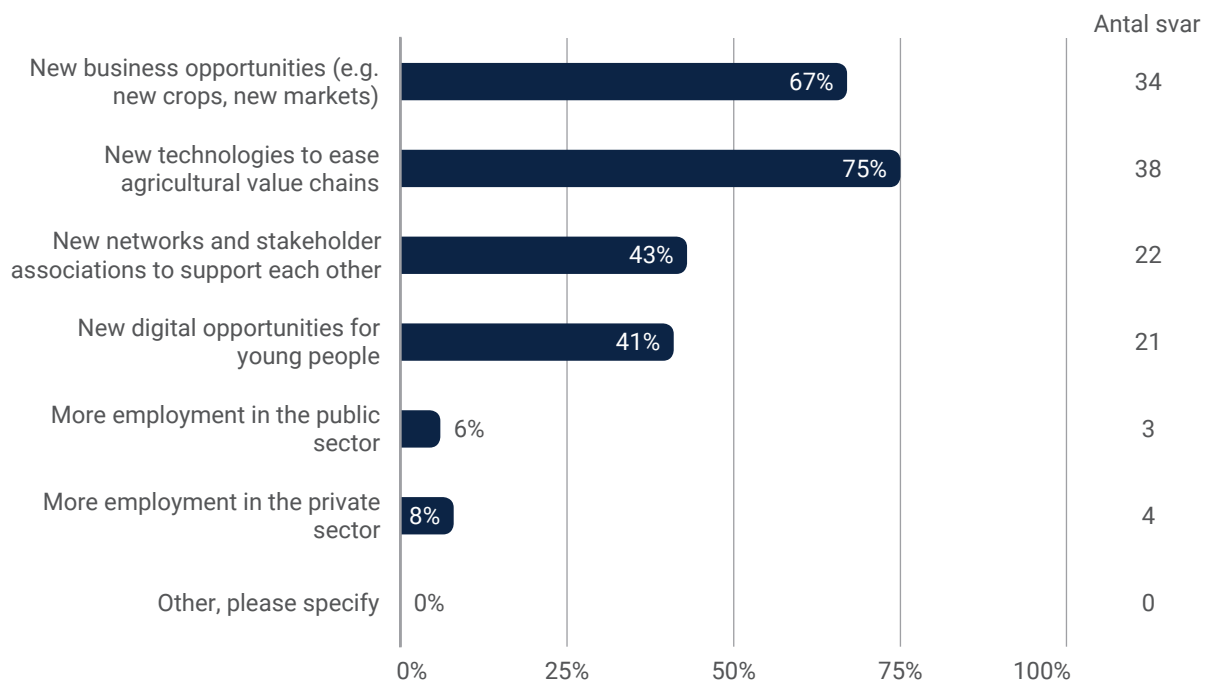
What are your expectations or suggestions for the ALIGNING project and its outputs?
(max three main choices)



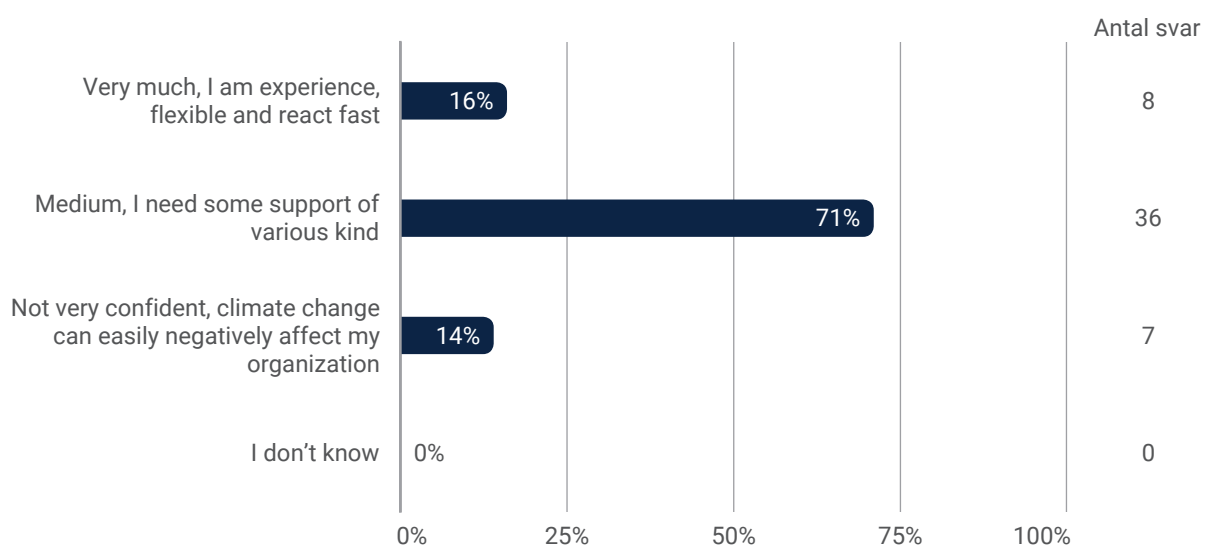
What are the main challenges or risks that you face or anticipate due to climate change? (max three main choices)



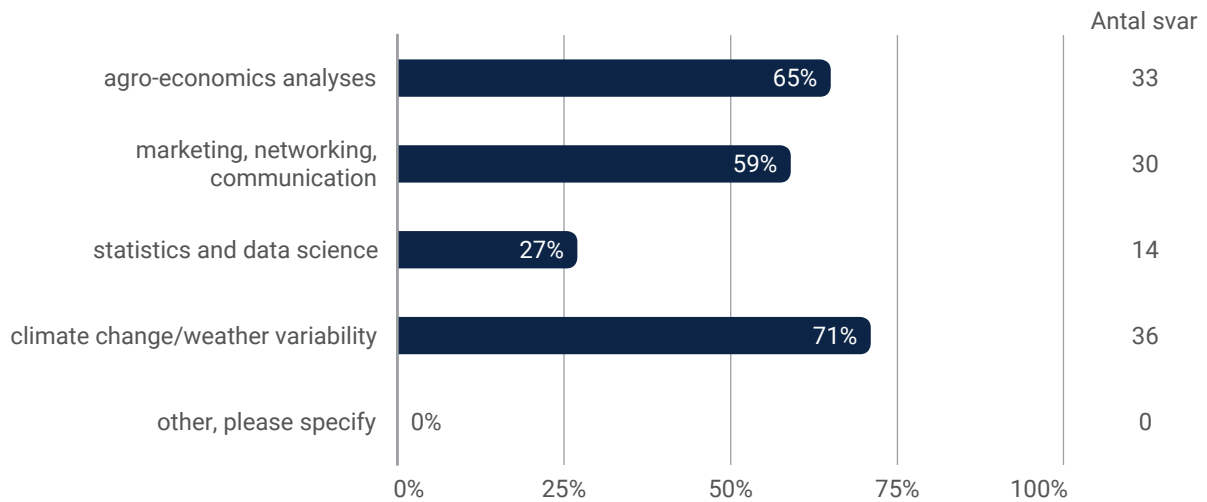
What are the main opportunities or benefits that you see or expect from climate change? (max three main choices)



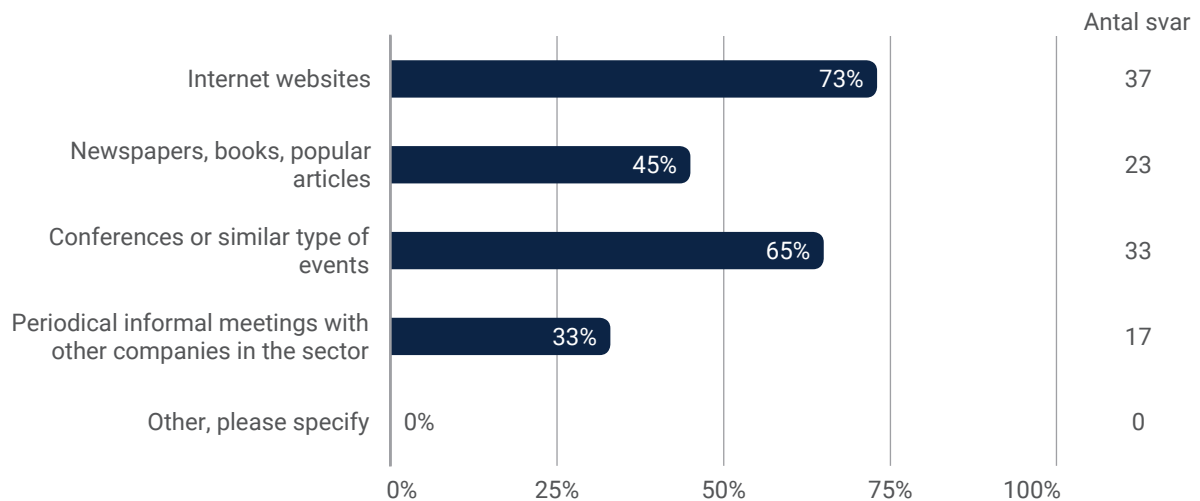
How confident are you in your ability to adapt to climate change?



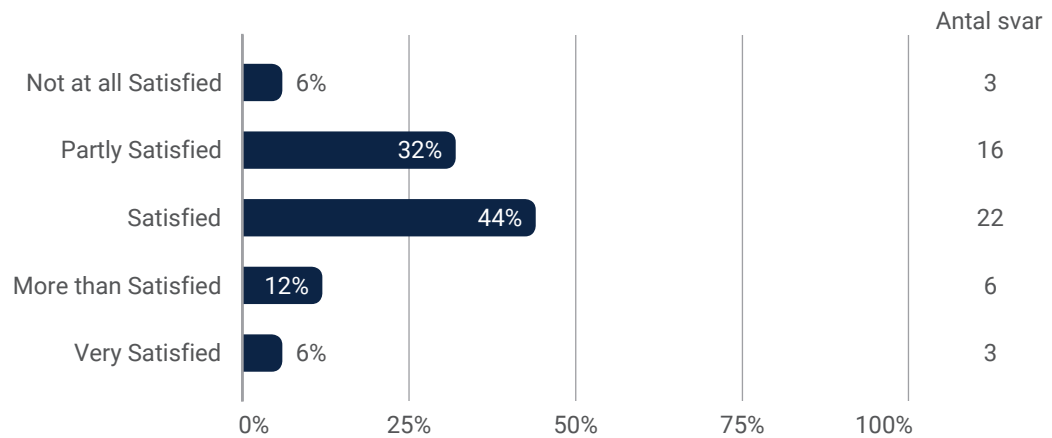
What skills or knowledge do you need to improve your resilience and productivity in the face of climate change?
(max three main choices)



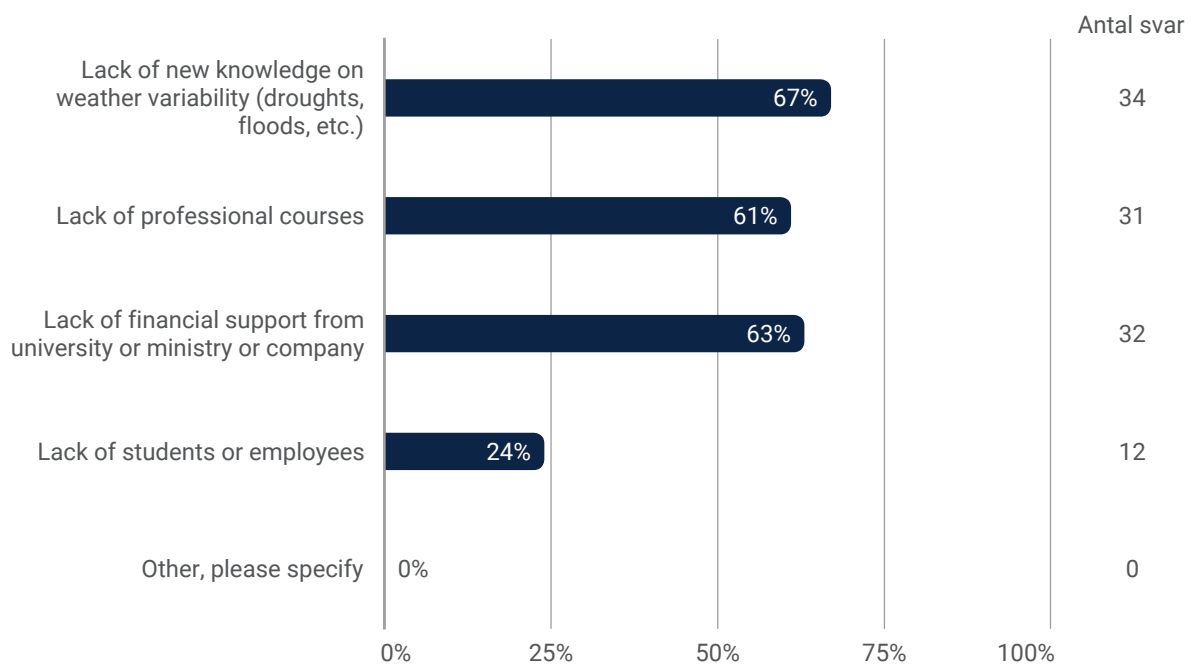
What are the sources or channels that you use or prefer to access information or training on climate change and agriculture?
(max three main choices)



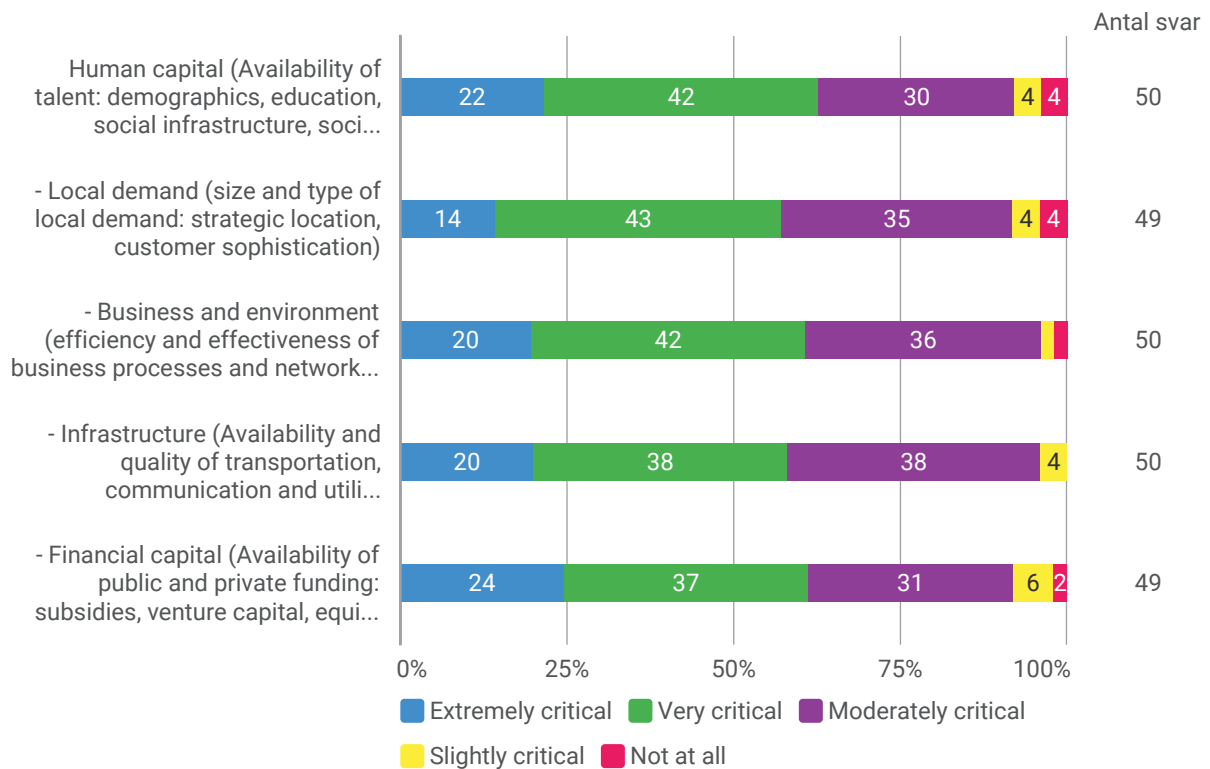
How satisfied are you with the quality and relevance of the information or training that you have received or accessed on climate change weather variability and agriculture?



What are the barriers that affect your adoption or implementation of climate-smart agricultural practices or technologies?
(max three main choices)

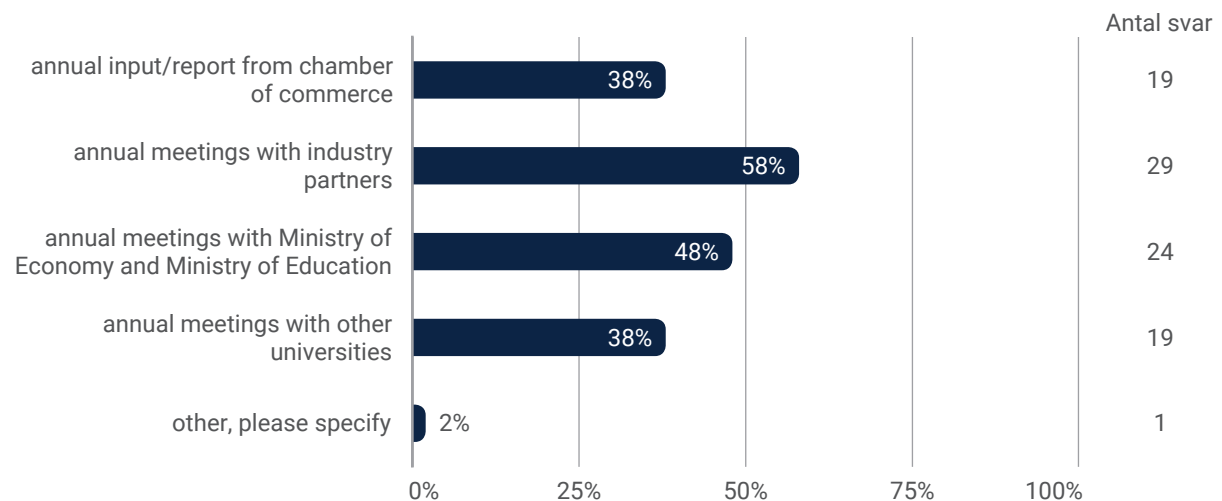


What attributes are critical to establish an innovation cluster for universities?



How to align or match agri-education or training program or course with needs or demands of the agribusiness sector or employers?

(max three choices)



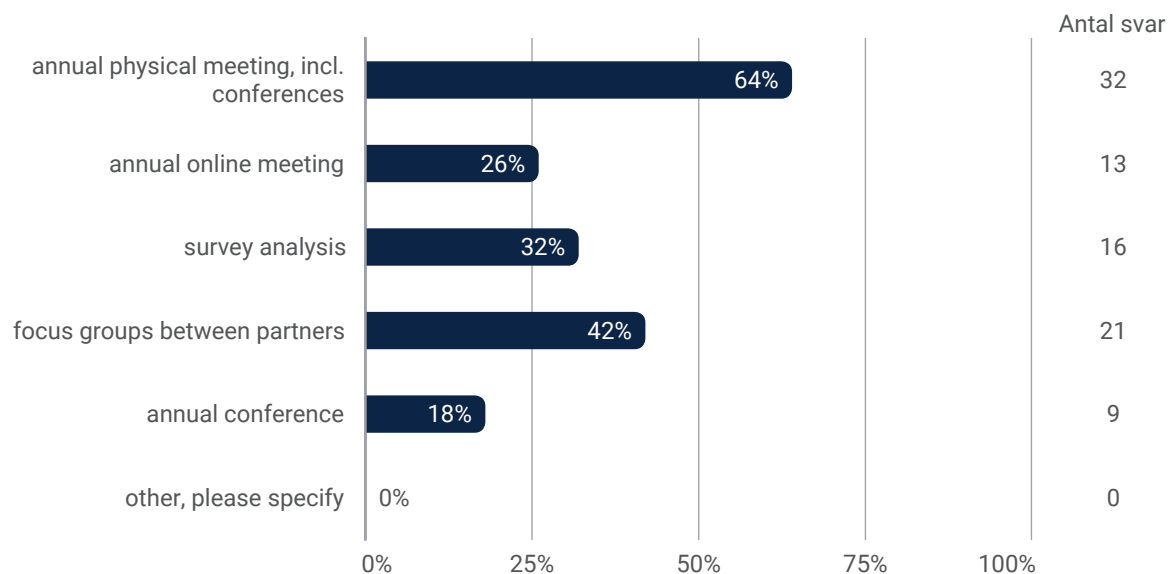
How to align or match agri-education or training program or course with needs or demands of the agribusiness sector or employers?

(max three choices) - other, please specify

Regular info channel

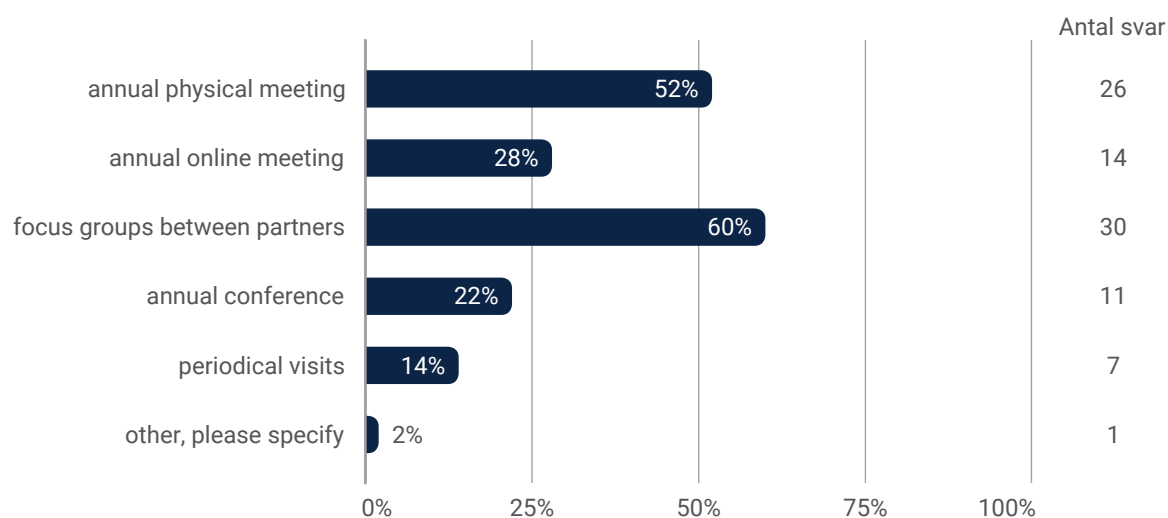
Which is the best way to gather feedback or suggestions from partners?

(max three choices)



How do you collaborate or network with other agribusiness educators or trainers in the sector?

(max three choices)



How do you collaborate or network with other agribusiness educators or trainers in the sector?
(max three choices) - other, please specify

research