

# Community Innovation Survey (CIS) 2022-2024

This is an example questionnaire for the Swedish **Community Innovation Survey (CIS) 2022-2024**. It is **not** possible to submit the example questionnaire. To respond to the survey, use the online questionnaire accessible via: [www.insamling.scb.se](http://www.insamling.scb.se).


The example questionnaire is provided as an aid in your internal information gathering. In case multiple people are involved in responding to the survey, this form can be shared within your firm to collect the information necessary to fill in the online questionnaire.

The example questionnaire is fillable and emulates the online questionnaire as much as possible with regards to its functionality. However, there may be some differences.

Be aware of instructions on how to proceed through the survey. In case there are no instructions, proceed to the next question. Instructions will look like the following example:

*If "No", go to section B2.*

*Else, go to question 5.*

In some questions there will be further clarifications available connected to certain instructions or response alternatives. These are marked with *cursive* or in footnotes. The purpose of these clarifications is to provide additional information on the questions or the response alternatives. In the online questionnaire the corresponding information will be available by clicking the information icon: 

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# Community Innovation Survey (CIS) 2022-2024

If your firm is a part of a group, please answer all further questions about your firm **only for its own activities in Sweden**. Exclude the activities of all subsidiaries or parent companies.

## A Strategies and intellectual property rights

### A1 Strategies

1. How important *are* the following local factors for your firm's choice of current business location? (optional information)

Tick one box per row.

#### Importance of local factors for the firm's business location

Local factors	Degree of importance			
	High	Medium	Low	Not important
Access to low-cost labour				
Access to local markets				
Low operational costs				
Access to location specific skills or knowledge				
Access to transportation				
Access to nature-based or renewable production inputs				
Access to goods or services provided by other local firms				
Public support, including subsidies and incentives				
Owner or founder's ties to the area				

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**2. During the three years 2022 to 2024, how important were the following strategies to the economic performance of your firm?**

Tick one box per row.

**Importance of the firm's strategies 2022-2024**

Strategies	Degree of importance			
	High	Medium	Low	Not important
Focus on improving your existing goods or services				
Focus on introducing new goods or services				
Focus on low-price (price leadership)				
Focus on high-quality (quality leadership)				
Focus on a broad range of goods or services				
Focus on one or a small number of key goods or services				
Focus on satisfying established customers				
Focus on approaching new customers				
Focus on standardised goods or services				
Focus on customer-specific solutions				

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## A2 Intellectual property rights and licenses

### 3. During the three years 2022 to 2024, did your firm conduct any of the following activities?

Tick one box per row.

#### The firm's activities 2022-2024

Activities	Yes	No
Apply for a patent		
Register an industrial design right		
Register a trademark		
Claim a copyright		
Purchase or license any intellectual property right (IPR) listed above		

### 4. During the three years 2022 to 2024, did your firm conduct any of the following activities?

Tick one box per row.

#### The firm's activities 2022-2024

Activities	Yes	No
Licensed out its own intellectual property rights (IPRs) to others		
Sold its own IPRs (or assigned IP rights) to others		
Exchanged IPRs (pooling, cross-licensing, etc.)		



## B Innovation

**Innovation** is a new or significantly improved product (good or service), process, or combination thereof, that differs significantly from the firm's previous products or processes and that has been made available to potential users or brought into use by the firm.

### B1 Product innovation

A **product innovation** is a new or improved good or service that differs significantly from the firm's previous goods or services and that has been introduced to potential users.

**Include:**

- Significant changes to the design of a good
- New or significantly improved digital goods or services.  
*Digital goods and services are also referred to as knowledge-capturing products. These products can have the characteristics of a good or service and concern the provision, storage, safekeeping, communication, and dissemination of digital information that users can access repeatedly.*

**Exclude:**

- The simple re-sale of new goods
- Changes in a good or service of a solely aesthetic nature.  
*A change in a good or service that is solely aesthetic is the change in the colour, form or other in the products appearance which is not of significant importance for the functionality of the product.*

**5. During the three years 2022 to 2024, did your firm introduce any new or significantly improved products (goods or services)?**

Tick one box per row.

**New or significantly improved products 2022-2024**

Type of product	Yes	No
New or significantly improved goods		
New or significantly improved services		

*If "No" on all types of product innovation, go to section B2.  
Else, go to question 6.*



**6. In the three years 2022 to 2024, did your firm introduce new or significantly improved goods or services that were:**

Tick one box per row.

**The novelty of product innovations 2022-2024**

Novelty	Yes	No
Only new to the firm <i>Products only new to the firm are goods or services that differ significantly from the firm's previous goods or services but are identical or very similar to products already offered by the firm's competitors.</i>		
New to both the firm and to the firm's market <i>Products new to both the firm and to the firm's market are goods or services that differ significantly from goods or services already available on the market served by the firm.</i>		

**7. Estimate the percentage of your firm's total turnover in 2024 that came from:**

Please note that the turnover refers only to 2024.

Allocated shares should sum up to 100%.

**Share of turnover from products by novelty 2024**

Novelty	Percent
Products introduced during the three years 2022 to 2024 that <b>were only new to the firm</b> <i>Products only new to the firm are goods or services that differ significantly from the firm's previous goods or services but are identical or very similar to products already offered by the firm's competitors.</i>	%
Products introduced during the three years 2022 to 2024 that <b>were new to both the firm and the firm's market</b> <i>Products new to both the firm and to the firm's market are goods or services that differ significantly from goods or services already available on the market served by the firm.</i>	%
Products that <b>were unchanged or marginally modified</b> during the three years 2022 to 2024 (include the resale of new products purchased from other firms) <i>Unchanged products are goods or services that do not differ significantly from previous products, or where the change is solely of an aesthetic nature.</i>	%
	%



## 8. Who developed these new or significantly improved products (goods or services)?

Include product innovations that were new only to the firm as well as new to both the firm and the firm's market.

Tick all that apply.

### Developer of new or significantly improved products 2022-2024

	Developer
	The firm by itself
	The firm together with other firms or organisations <i>Organisations include universities, research institutes and non-profit organisations.</i>
	The firm by adapting or modifying products originally developed by other firms or organisations
	Other firms or organisations

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## B2 Business process innovation

A **business process innovation** is a new or improved business process for one or more business functions that differs significantly from the firm's previous business processes and that has been brought into use by the firm.

### 9. During the three years 2022 to 2024, did your firm introduce any new or significantly improved processes in the following business functions?

The **business process** should be for one or more business functions, differ significantly from the firm's previous processes and have been brought into use by the firm.

Tick one box per row.

#### New or significantly improved processes 2022-2024

Type of processes	Yes	No
Methods for producing or developing goods or providing services		
Logistics, delivery, or distribution methods		
Methods for information processing or communication		
Methods for accounting or other administrative operations		
Business practices for organising procedures or external relations		
Methods for organising work responsibility, decision making or human resource management		
Marketing methods for promotion, packaging, pricing, product placement or after sales services		

If "No" on all types of process innovation, "No" on all types of product innovation in question 5, and "No" on all types of intellectual property rights in question 3, go to section B3.

If "No" on all types of process innovation but "Yes" to at least one type of product innovation in question 5 or "Yes" to at least one type of intellectual property right in question 3, go to question 11.

Else, go to question 10.



# 10. Who developed these new or significantly improved processes?

Tick all that apply.

## Developer of new or significantly improved processes 2022-2024

	Developer
<input type="checkbox"/>	The firm by itself
<input type="checkbox"/>	The firm together with other firms or organisations <i>Organisations include universities, research institutes and non-profit organisations.</i>
<input type="checkbox"/>	The firm by adapting or modifying processes originally developed by other firms or organisations
<input type="checkbox"/>	Other firms or organisations

# 11. During the three years 2022 to 2024, were your firm's product- or process innovations aimed at achieving any of the following objectives? (optional information)

Tick one box per row.

## Objectives behind product- or process innovation 2022–2024

Objectives	Yes	No
Responding to specific local social challenges (e.g. health, poverty, education)	<input type="checkbox"/>	<input type="checkbox"/>
Facilitating business activities of other local firms	<input type="checkbox"/>	<input type="checkbox"/>
Serving other local needs	<input type="checkbox"/>	<input type="checkbox"/>
Generating environmental benefits	<input type="checkbox"/>	<input type="checkbox"/>

## B3 Innovation activities including R&D

**Innovation activities** include all developmental, financial and commercial activities undertaken by a firm that are intended to result in an innovation for the firm. Innovation activities can be ongoing, abandoned, suspended or completed.

The fourth edition of the Oslo Manual defines eight types of activities that firms can undertake with the intention of introducing an innovation:

- Research and development (R&D)
- Engineering, design and other creative work activities
- Marketing and brand equity activities
- IP-related activities
- Employee training activities
- Software development and database activities
- Activities related to the acquisition or lease of tangible assets
- Innovation management activities

*Innovation management includes all systematic activities to plan, govern and control internal and external resources for innovation. This includes, among other things, how resources for innovation are allocated, the organisation of responsibilities and decision-making among employees and activities to monitor the results of innovation.*

**Research and development (R&D)** comprise creative and systematic work undertaken in order to increase the stock of knowledge and to devise new applications of available knowledge. According to the Frascati Manual's definition, R&D activities must be:

- Novel  
*An R&D activity must be undertaken to generate new knowledge and to devise new applications of available knowledge.*
- Creative  
*R&D activities must be based on original concepts or hypotheses.*
- Uncertain  
*The outcome of R&D activities is generally uncertain. There is also uncertainty related to the cost or time needed to achieve the expected results.*
- Systematic  
*R&D activities are performed systematically and are planned and budgeted.*
- Transferable and/or reproducible  
*An R&D activity should lead to results that could possibly be transferable and/or reproducible.*

**Intramural R&D** is R&D activities carried out in Sweden by the firm's own personnel, or by consultants in an R&D project led by the firm, where the firm's personnel have worked together with consultants. Intramural R&D also includes R&D assigned to the firm by others.

**Extramural R&D** is R&D activities that the firm has commissioned others to carry out as well as support for R&D that the firm has provided to others, for example grants to universities and colleges.

**12. During the three years 2022 to 2024, did your firm have any of the following types of innovation activities?**  
(optional information)

Tick one box per row.

**Innovation activities 2022–2024**

Innovation activities	Yes	No
Product design to improve the functionality and aesthetic of products		
Employee training activities		
Investment in buildings, machinery, equipment, and other tangible assets		
Software development and database activities		

**13. During the three years 2022 to 2024, how did your firm use design activities?** (optional information)

Tick all that apply.

**The firm's use of design activities 2022–2024**

	Type of use
	Design activities were used to improve the appearance and attractiveness of the final goods or services
	Design activities were integrated into the development of new goods or services
	Design activities were a central directing element of the business model
	Design activities were <b>not</b> undertaken in a structured way

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**14. During the three years 2022 to 2024, did your firm have any of the following types of innovation activities?**

Include innovation activities that started before 2022 or were still ongoing at the end of 2024.

Tick one box per row.

**Innovation activities 2022-2024**

Research and development (R&D)	Yes	No
Intramural R&D		
Extramural R&D		

Innovation activities (incl. R&D) that did <i>not</i> lead to any innovation introduced during 2022 to 2024	Yes	No
Ongoing innovation activities at the end of 2024 <i>The innovation activity was not completed at the end of 2024 and will continue in 2025.</i>		
Abandoned or suspended innovation activities <i>The innovation activity was discontinued during 2022 to 2024 either with plans to resume the activity later ('suspended activity') or without such plans ('abandoned activity').</i>		
Completed innovation activities not leading to the introduction of an innovation in the firm <i>Innovation activities within product-/or process innovation that was completed at the end of 2022 but did not result in the introduction of a new product or process.</i>  <i>E.g., The innovation activity did not lead to the introduction of a new product or process because the activity only concerned a part of a product or process, because the implementation is foreseen to happen later, or the implementation is taking place in another firm.</i>		

If "No" on all types of product innovation in question 5, "No" on all types of process innovation in question 9, and "No" on all innovation activities in question 14, go to question 19.

If "Yes" to intramural R&D, go to question 15.

If "No" to intramural R&D and extramural R&D, go to question 17.

Else, go to question 16.

**15. During the three years 2022 to 2024, were your firm's R&D activities continuous or occasional?**

Tick the option that applies.

Continuous (the firm had permanent R&D staff)

Occasional (only when needed)

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## 16. How much did your firm spend on research and development (R&D) in 2024?

The question refers to the expenditures in 2024.

If exact information is missing, an estimate can be made.

The expenses must be written in SEK thousand, e.g., 100 000 SEK is written as 100.

Write 0 if there were no expenses.

### Expenditure on R&D by type of R&D 2024

Type of R&D	SEK thousand
<b>Intramural R&amp;D</b> (Include current expenditures including labour costs and capital expenditures (buildings, machinery, equipment, software etc.) specifically used for R&D) <i>Activities carried out in Sweden by the firm's own personnel or by consultants in an R&amp;D project led by the firm, in the firm's own R&amp;D activities.</i> <i>Labour costs include: Costs relating to salary, other reimbursements (e.g. allowances in connection with travel), statutory employer contributions, other collective contributions, personnel costs and other labour costs relating to the own staff working with R&amp;D.</i>	000 SEK
<b>Extramural R&amp;D</b> (including firms in your own group) <i>R&amp;D activities that the organisation has commissioned others to carry out as well as support for R&amp;D that the firm has provided to others, for example grants to universities and colleges.</i>	000 SEK

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## 17. How much did your firm spend on innovation excluding R&D in 2024?

Include all expenses related to the firm's innovation activities excluding R&D in 2024.  
The question refers to the expenditures in 2024.

If exact information is missing, an estimate can be made.

The expenses must be written in SEK thousand, e.g., 100 000 SEK is written as 100.

Write 0 if there were no expenses.

### Expenditure for innovation (excluding R&D) by type of expenditure 2024

Type of expenditure	SEK thousand
Own personnel working on innovation (excluding R&D) <i>Include training and professional development for innovation activities other than R&amp;D (e.g., employee training or continued education)</i>	000 SEK
Services, materials or supplies purchased from others for innovation (excluding R&D) <i>Include product design, service design, preparation of production/distribution for innovation activities other than R&amp;D. Also include marketing for innovations (marketing activities directly related to innovation, including market research).</i>	000 SEK
Capital goods for innovation (acquisition of machinery, equipment, software, IPRs, buildings etc.) (excluding R&D) <i>Include acquisition of external knowledge for innovation activities other than R&amp;D (e.g., patents, licenses, trademarks).</i>	000 SEK
Other expenditures for innovation (excluding R&D) <i>Expenditure for all other activities related to the development of new or significantly improved products or processes.</i>	000 SEK
<b>Total innovation expenditures (excluding R&amp;D)</b>	000 SEK

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**18. Which of the following best describes why your firm did not have more innovation activities during the three years 2022 to 2024?**

Tick the option that applies.

**The primary cause to why the firm did not have more innovation activities 2022-2024**

	Cause
	Lack of resources <i>E.g., lack of finance, qualified personnel, material etc.</i>
	Other reasons than lack of resources <i>E.g., strategic reasons, not the right time to innovate, other priorities, risks too high, low expected returns etc.</i>
	There was no need for more innovation activities

Go to question 20.

**19. Which of the following best describes why your firm had no innovation activities during the three years 2022 to 2024?**

Tick the option that applies.

**The primary cause to why the firm did not have innovation activities 2022-2024**

	Cause
	Lack of resources <i>E.g., lack of finance, qualified personnel, material etc.</i>
	Other reasons than lack of resources <i>E.g., strategic reasons, not the right time to innovate, other priorities, risks too high, low expected returns etc.</i>
	There was no need for more innovation activities

**20. During the three years 2022 to 2024, were the following local factors an obstacle or a driver for your firm to perform innovation activities? (optional information)**

Tick one box per row.

**Obstacles or drivers for the firm's innovation activities 2022–2024**

Local factors	Driver	Obstacle	Neither
Support from local business associations or chambers of commerce			
Local entrepreneurial culture			
Access to local financial, legal, and other business services			
Local access to skilled labour			
Access to location specific production inputs (natural resources, goods or services provided by local firms)			
Local transport services and infrastructure			
Availability and cost of high-speed fixed or mobile broadband <i>The speed of the internet connection is adequate for the firm's needs.</i>			
Cost of facilities and land			
Local environmental regulations			
Local or regional tax regime			
Local traditional knowledge (e.g. local traditional craftsmanship)			

*If "No" on all types of intellectual property rights in question 3, "No" on all types of product innovation in question 5, "No" on all types of process innovation in question 9, and "No" on all innovation activities in question 14, go to section B4.*

*Else, go to question 21.*



**21. During the three years 2022 to 2024, how important were the following information sources for your firm's innovation activities? (optional information)**

Tick one box per row.

**Importance of the firm's information sources 2022–2024**

Information sources	Degree of importance			
	High	Medium	Low	Not relevant
Information sources within the firm or group				
Suppliers of equipment, materials, components, or software				
Clients or costumers from the private sector				
Clients or customers from the public sector				
Competitors or other firms within your sector				
Consultants or commercial labs				
Universities or other higher education institutes				
Government or public research institutes				
Private research institutes				
Conferences, trade fairs, exhibitions				
Professional or industry associations				

*If any information source was highly important, go to question 22.*

*Else, go to section B4.*

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**22. Indicate the location of those information sources that were highly important for your firm's innovation activities.** (optional information)

Tick all that apply.

**Location of the firm's most important information sources 2022–2024**

Information sources	In your local area	Outside your local area within a reasonable drive <sup>[1]</sup>	Beyond a reasonable drive <sup>[2]</sup>
Information sources within the firm or group			
Suppliers of equipment, materials, components, or software			
Clients or costumers from the private sector			
Clients or customers from the public sector			
Competitors or other firms within your sector			
Consultants or commercial labs			
Universities or other higher education institutes			
Government or public research institutes			
Private research institutes			
Conferences, trade fairs, exhibitions			
Professional or industry associations			

[1] Equivalent to 45 minutes or less by car.

[2] Equivalent to more than 45 minutes by car.

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## B4 Cooperation

Cooperation occurs when two or more participants agree to take responsibility for a task or series of tasks and information is shared between the parties to facilitate the agreement.

### 23. During the three years 2022 to 2024, did your firm cooperate with other firms or organisations?

Tick one box per row.

#### Type of cooperation 2022-2024

Type of cooperation	Yes	No
On R&D <i>R&amp;D comprise creative and systematic work undertaken in order to increase the stock of knowledge and to devise new applications of available knowledge in all fields of science.</i>		
On other innovation activities (excluding R&D) <sup>[1]</sup>		
On any other business activities <i>Other business activities include all other activities that are not related to R&amp;D or innovation.</i>		

[1] Innovation activities includes all developmental, financial, and commercial activities undertaken by a firm, which are intended to result in an innovation. There are seven types of innovation activities (excluding R&D):

- Engineering, design, and other creative work activities
- Marketing and brand equity activities
- IP-related activities
- Employee training activities
- Software development and database activities
- Activities related to the acquisition or lease of tangible assets
- Innovation management activities

*If "Yes" on either of the first two alternatives, go to question 24.*

*Else, go to section B5.*

## 24. Indicate type of innovation cooperation partner by location.

Tick all that apply.

### Cooperation partner and location 2022-2024

Cooperation partner	Sweden	Other countries in EU or EFTA <sup>[1]</sup>	Countries outside the EU or EFTA <sup>[2]</sup>
<b>Private firms outside your group</b>			
Consultants, commercial labs, or private research institutes			
Suppliers of equipment, materials, components, or software			
Firms that are your clients or customers			
Firms that are your competitors			
Other firms <i>Other firms are those firms who are not represented in the categories above.</i>			
<b>Private firms within your group</b>			
Firms within your group			
<b>Cooperation partners outside the business sector</b>			
Universities or other higher education institutions			
Government or public research institutes			
Clients or customers from the public sector <i>The public sector includes government owned organisations such as local, regional, and national administrations and agencies, schools, hospitals, and government providers of services such as security, transport, housing, energy, etc.</i>			
Non-profit organisations			

[1] The member states of the European Union (EU) are: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Ireland, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovenia, Slovakia and Spain.

The member states of EFTA but not the EU are: Iceland, Lichtenstein, Norway, and Switzerland.

[2] This category includes countries that are not members of the EU or of the EFTA. In this category The United Kingdom is included.

*If any cooperation partner was located in Sweden, go to question 25.*

*Else, go to section B5.*

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## 25. Indicate the location of your firm's cooperation partners in Sweden. (optional information)

Tick all that apply.

### Location of national cooperation partners 2022–2024

Cooperation partners	In your local area	Outside your local area within a reasonable drive <sup>[1]</sup>	Beyond a reasonable drive <sup>[2]</sup>
<b>Private firms outside your group</b>			
Consultants, commercial labs, or private research institutes			
Suppliers of equipment, materials, components, or software			
Firms that are your clients or customers			
Firms that are your competitors			
Other firms <i>Other firms are those firms who are not represented in the categories above.</i>			
<b>Private firms within your group</b>			
Firms within your group			
<b>Cooperation partners outside the business sector</b>			
Universities or other higher education institutions			
Government or public research institutes			
Clients or customers from the public sector <i>The public sector includes government owned organisations such as local, regional, and national administrations and agencies, schools, hospitals, and government providers of services such as security, transport, housing, energy, etc.</i>			
Non-profit organisations			

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## B5 Business finance and support for innovation activities

### 26. During the three years 2022 to 2024, did your firm try to obtain funding through equity finance?

Equity finance is finance provided in exchange for a share in the ownership of the firm. Include funding used for other activities as well as R&D and innovation activities in the firm.

Tick the option that applies.

Yes, successfully obtained funding through equity finance

Yes, tried to obtain funding through equity finance but not successful

No, did not try to obtain funding through equity finance

*If "Yes, successfully obtained funding through equity finance", go to question 27.*

*Else, go to question 28.*

### 27. Was the funding from equity finance, partly or fully used for R&D or other innovation activities?

Tick the option that applies.

Yes

No

### 28. During the three years 2022 to 2024, did your firm try to obtain funding through debt finance?

Debt finance is finance that the firm must repay. Include funding used for other activities as well as R&D and innovation activities in the firm.

Tick the option that applies.

Yes, successfully obtained funding through debt finance

Yes, tried to obtain funding through debt finance but not successful

No, did not try to obtain funding through debt finance

*If "Yes, successfully obtained funding through debt finance", go to question 29.*

*Else, go to section B5.*

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**29. Was the funding from debt finance, partly or fully used for R&D or other innovation activities?**

Tick the option that applies.

Yes

No

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## B5 Business finance and support for innovation activities

### Include:

- Financial support via grants, subsidised loans, and loan guarantees.
- Support where services are provided below market costs by the government (under preferential terms)

### Exclude:

- Revenues from public sector procurement contracts
- Deductions through tax reduction, e.g., ROT or RUT
- Pandemic related support (layoff support)

## 30. During the three years 2022 to 2024, did your firm receive any public financial support from the following levels of government?

Tick one box per row.

### Public financial support 2022-2024

Levels of government	Yes	No
Local or regional authorities		
National government		
EU Programme for Research and Innovation (Horizon Europe) <i>Previously Horizon 2020.</i>		
Other financial support from an EU institution		

*If "No" on all alternatives, go to question 32.*

*Else, go to question 31.*



**31. Was the public financial support, per level of government, fully or partly used for R&D or other innovation activities?**

*Innovation activities includes all developmental, financial, and commercial activities undertaken by a firm, which are intended to result in an innovation. There are eight types of innovation activities:*

- *Research and development (R&D)*
- *Engineering, design, and other creative work activities*
- *Marketing and brand equity activities*
- *IP-related activities*
- *Employee training activities*
- *Software development and database activities*
- *Activities related to the acquisition or lease of tangible assets*
- *Innovation management activities*

Tick one box per row.

**Public financial support for innovation activities including R&D 2022-2024**

Levels of government	Yes	No
Local or regional authorities		
National government		
EU Programme for Research and Innovation (Horizon Europe) <i>Previously Horizon 2020.</i>		
Other financial support from an EU institution		

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**32. During the three years 2022 to 2024, did your firm benefit from any of the following sources of funding?**  
(optional information)

Tick one box per row.

**The firm's sources of funding 2022–2024**

Sources of funding	Yes	No
Commercial bank loans		
Funds from family or friends		
Angel investor funding <i>Angel investors are private individuals who invest part of their own assets in new or expanding businesses to which they do not have a family connection.</i>		
Venture capital funding		
Crowdfunding <i>Funding through the collection of money from a large number of individuals through online platforms.</i>		
Personal sources (e.g. credit cards, home equity loans)		

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## B6 Specific factors and actions

33. During the three years 2022 to 2024, how important were the following factors related to climate change for your firm?

Tick one box per row.

### Importance of factors related to climate change 2022-2024

Factors	Degree of importance			
	High	Medium	Low	Not relevant
Government policies or measures related to climate change				
Increasing customer demand for products that help mitigate or adapt to climate change <i>E.g., low-carbon products.</i>				
Increasing costs or input prices resulting from climate change <i>E.g., higher insurance fees, higher prices for water, adaptation of processes or facilities.</i>				
Impacts of extreme weather conditions <i>E.g., damages/disturbances.</i>				



**34. During 2024, were any of the following risks relevant for your firm's business activities?**

If the firm's business activities are project based, consider projects which the firm commissioned as the activities.

Tick one box per row.

**Risks to the firm's business activities 2022-2024**

Risks	Yes	No
Cybersecurity or IT risks		
Risks to energy supply		
Supply chain risks (other than energy supply)		
Risks from high dependency on limited number of suppliers		
Risks to market access outside the EU		
Risks related to natural phenomena <i>Natural disasters, extreme drought/flooding etc.</i>		
Other operational and financial business risks <i>E.g. related to finance, personnel, prices, exchange rates, legal/regulatory risks</i>		

*If "Yes" on the question on risks from high dependency on limited number of suppliers, go to question 35.  
Else, go to question 36.*

**35. Were the risks from high dependence on limited number of suppliers, as stated in question 34, related to suppliers outside the EU?**

Tick the option that applies.

Yes

No

**36. During the three years 2022 to 2024, did your firm take any action to mitigate the following risks?**

Tick one box per row.

**Actions to mitigate risks 2022-2024**

Risks	Yes	No
Cybersecurity or IT risks		
Risks to energy supply		
Supply chain risks (other than energy supply)		
Risks from high dependency on limited number of suppliers		
Risks to market access outside the EU		
Risks related to natural phenomena <i>Natural disasters, extreme drought/flooding etc.</i>		
Other operational and financial business risks <i>E.g. related to finance, personnel, prices, exchange rates, legal/regulatory risks</i>		

*If "Yes" on the question on mitigating risks from high dependency on limited number of suppliers, go to question 37.*

*If "No" on all alternatives as well as "No" on all types of product innovation in question 5 and "No" on all types of process innovation in question 9, go to section C.*

*Else, go to section B7.*

**37. Where the actions to mitigate risks from high dependency on limited number of suppliers related to suppliers outside the EU?**

Tick the option that applies.

Yes

No

*If "No" on all types of product innovation in question 5 and "No" on all types of process innovation in question 9, go to section C.*

*Else, go to section B7.*

## B7 Environmental innovations

An **innovation with environmental benefits** is a new or significantly improved product or process of a firm that generates lower environmental impacts, compared to the firm's previous products or processes. The product or process should also have been made available to potential users or brought into use.

The environmental benefit can be the primary objective of the innovation or a by-product of other objectives.

The environmental benefits of an innovation can occur during the production of a good or service, or during its consumption or use by the end user of a product. The end user can be an individual, another firm, the government, etc.

*Consumption can occur at all levels in a product's value chain.*

### B7.1 Environmental benefits obtained within the firm

This question regards environmental benefits obtained **within the firm**.

**38. During the three years 2022 to 2024, did your firm introduce innovation with any of the following environmental benefits?**

Tick one box per row.

#### Innovation with environmental benefits within the firm 2022-2024

Environmental benefit	Yes	No
Reduced material or water use per unit of output		
Reduced energy use or CO <sub>2</sub> footprint <i>Reduced total CO<sub>2</sub> emission.</i>		
Reduced soil, light, noise, water, or air pollution		
Replaced a share of materials with less polluting or hazardous substitutes		
Replaced a share of fossil energy with renewable energy sources		
Recycled waste, water or materials for own use or sale		
Protection of bio-diversity		

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## B7.2 Environmental benefits obtained during consumption

This question regards environmental benefits obtained **during the consumption or use** of a good or service by the end user.

**39. During the three years 2022 to 2024, did your firm introduce innovation with any of the following environmental benefits?**

Tick one box per row.

### Innovation with environmental benefits obtained during consumption 2022-2024

Environmental benefits	Yes	No
Reduced energy use or CO <sub>2</sub> footprint <i>Reduced total CO<sub>2</sub> emission.</i>		
Reduced soil, light, noise, water, or air pollution		
Facilitated recycling of product after use		
Extended product life through longer-lasting, more durable, or easier-to-repair products		
Protection of bio-diversity		

*If "No" on all alternatives in question 38 and 39, go to section C.  
Else, go to question 40.*

### B7.3 Driving factors behind innovation with environmental benefits

40. During the three years 2022 to 2024, how important were the following factors in driving your firm's decision to introduce innovations with environmental benefits?

Tick one box per row.

#### Importance of factors driving the firm to introduce innovations with environmental benefits 2022-2024

Factors	Degree of importance			
	High	Medium	Low	Not relevant
Existing environmental regulations				
Existing environmental taxes, charges, or fees				
Environmental regulations or taxes expected in the future				
Government grant, subsidies, or other financial incentives for environmental innovations				
Current or expected market demand for environmental innovations				
Improving the firm's reputation				
Voluntary actions or initiatives for environmental good practice within your sector				
High cost of energy, water or materials				
Need to meet requirements for public procurement contracts				



## C Information and communication technology (ICT) (optional section)

41. During the three years 2022 to 2024, did your firm have any of the following ICT-related activities? (optional information)

Tick one box per row.

### ICT-related activities within the firm 2022–2024

ICT-related activities	Yes	No
<p>E-commerce sales via website or app</p> <p><i>E-commerce is the sale or purchase of goods and services via websites, apps, or EDI-type messages (Electronic Data Interchange) using methods specifically designed to place or receive orders. Payment does not need to be made electronically.</i></p> <p><i>Exclude orders or bookings received via manually sent email, phone, text, or messages on social media.</i></p>		
<p>E-commerce purchases via website or app</p> <p><i>E-commerce is the sale or purchase of goods and services via websites, apps, or EDI-type messages (Electronic Data Interchange) using methods specifically designed to place or receive orders. Payment does not need to be made electronically.</i></p>		
Integrated enterprise resource planning (ERP) systems		
<p>Cloud computing accessible against payment</p> <p><i>Include cloud computing based on AI-technology.</i></p>		
<p>RFID (Radio Frequency Identification)</p> <p><i>RFID, is an automatic identification method relying on storing and remotely retrieving data, using devices called RFID tags or transponders. An RFID tag is an object that can be applied to or incorporated into a product for the purposes of identification through the use of radio waves.</i></p>		
<p>Artificial intelligence (AI)</p> <p><i>AI refers to systems that use technologies such as text analysis, computer vision, speech recognition, natural language generation, machine learning, and deep learning to collect, use, or produce data. This can be for making predictions, giving recommendations, making decisions, or generating text, code, or other media, with varying degrees of autonomy.</i></p>		
3D printing or Additive Manufacturing		

**42. During the three years 2022 to 2024, have any of the following factors limited your firm's use of ICTs?** (optional information)

Tick one box per row.

**Limiting factors for the firm's use of ICTs 2022–2024**

Factors	Yes	No
Cost of equipment and software		
Cost of ICT services		
Lack of access to high-speed fixed or mobile broadband <i>The speed of the internet connection is adequate for the firm's needs.</i>		
Lack of employee knowledge and digital skills		
Difficulty in integrating ICT into business operation		



## Comments (optional information)

**Comments:** (optional information)

## How long did it take to retrieve and submit the requested information? (optional information)

Statistics Sweden is working actively to reduce the amount of time that businesses and organisations spend on submitting their response. For this reason, we would be very grateful if you could answer this voluntary question.

**Hours**

**Minutes**

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