CIS 2022

You are completing this for the CSO (Central Statistics Office)

The Community Innovation Survey is a biennial survey conducted by the Central Statistics Office. This survey collects information about product and process innovation and other key variables during the three- year period 2020 to 2022 inclusive. To help us compare enterprises with and without innovation activities, we request all enterprises to respond to all questions, unless otherwise instructed.

This is a statutory survey conducted under the Statistics (Community Innovation Survey) order 2023 (S.I. No 223 of 2023) made under the Statistics Act, 1993.

The information provided will be treated as strictly confidential in compliance with EU and national legislation. It will be used only for statistical purposes and will not be divulged to any other Government Department or body.

We can only accept submissions using this eQ form. A version of the form is available here: Form for Guidance . The layout differs from the eQ but the question contents and order should help you to collect your data for submission via the eQ form.

Please ensure you save or print a copy of your return as copies will not be available later.

Previous survey results can be found here: Previous Survey Results

Please include your CSO identifier in all emails. If you require further information, please contact the CSO by email to bsi@cso.ie or phone +353 (21) 4535300,

Strategies and business environment

Only answer this question if Mandatory for all enterprises		
1.1 During the three years 2020 to 2022, did your enterprise: Select all that apply		
Apply for a patent Register an industrial design right Register a trademark Claim a copyright Use trade secrets None of the above		



Only answer this question if Mandatory for all enterprises		
1.2 During the three years 2020 to 2022, did your enterprise: Select all that apply		
License out its own intellectual property rights (IPRs) to others		
Sell its own IPRs (or assign IP rights) to others		
Exchange IPRs (pooling, cross-licensing, etc)		
None of the above		

Innovation

A product innovation is a new or improved good or service that differs significantly from the firm's previous goods or services and has been introduced on the market. Include:

- significant changes to the design of a good
- digital goods or services
- Exclude:
- the simple re-sale of new goods and changes of a solely aesthetic nature

Only answer this question if Mandatory for all enterprises		
2.1 During the three years 2020 to 2022, did your enterprise introduce any :		
Goods Innovation (New or improved Goods) Services Innovation (New or improved Services) Both Goods and Services Innovation None of the above		



Only answer this question if Mandatory for all enterprises Must sum to 100%

2.2 In the three years 2020 to 2022, what percentage of your enterprise's total turnover was from products (goods or services) that were:

New or improved; not previously offered by any of your competitors

New or improved; identical or very similar to products already offered by your competitors

Unchanged or only marginally modified

Mandatory for all enterprises

2.3 Who developed these product innovations (goods or services)? Include independent enterprises plus other parts of your enterprise group (subsidiaries, sister enterprises, head office, etc.). Organisations include universities, research institutes, non-profits, etc.

Select all that apply

Your enterprise by itself

Your enterprise together with other enterprises or organisations

Your enterprise by adapting or modifying goods originally developed by other enterprises or organisations

Other enterprises or organisations

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 which has been brought into use by the firm.



3.1 During the three years {{Survey year -2}} to {{Survey year}}, did your enterprise introduce any of the following types of new or improved processes that differ significantly from your previous processes? Select all that apply

Methods for producing goods or providing services (incl. methods for developing goods or services)
Logistics, delivery or distribution methods
Methods for information processing or communication
Methods for accounting or other administrative operations
Business practices for organising procedures
Methods of organising work responsibility, decision making or human resource management
Marketing methods for promotion, packaging, pricing, product placement or after sales services
None of the above

Mandatory for all enterprises Display if 3.1 Contains None of 8 None of the above			
3.2 Who developed these process innovations?			
Select all that apply			
Your enterprise by itself			
Your enterprise together with other enterprises or organisations			
Your enterprise by adapting or modifying processes originally developed by other enterprises or organisations			
Other enterprises or organisations			

Innovation activity spending

Include current expenditures (including labour costs, contracted-out activities and other related costs) as well as capital expenditures on buildings and equipment.



• R&D performed in-house

Include:

current expenditures including labour costs specifically for R&D capital expenditures (buildings, machinery, equipment, software etc.) specifically for R&D

• R&D contracted out to others

(including enterprises in own enterprise group)

All other Innovations

All other activities related to the development of new or significantly improved products or processes (i.e. excluding R&D)

Include:

• Acquisition of machinery, equipment, software, Intellectual Property Rights or buildings for innovation activities other than R&D.

- Acquisition of external knowledge for innovation activities other than R&D (e.g. patents, licenses, trademarks)
- Product design, service design, preparation of production/ distribution for innovation activities other than R&D

• Training and professional development for innovation activities other than R&D (e.g. employee training or continued education)

• Marketing of innovation (marketing activities directly related to innovations, including market research)

Mandatory for all enterprises

4.1 During the three years 2020 to 2022, did your enterprise engage in the following innovation activities:

Select all that apply

In-House R&D R&D undertaken by your enterprise to create new knowledge or solve scientific or technical problems. Include current expenditures including labour costs and capital expenditures on buildings and equipment specifically for R&D

R&D Contracted out Your enterprise contracted out R&D to other enterprises (including enterprises in your own group) or to public or private research organisations

All other innovations All other activities related to the development of new or significantly improved products or processes (i.e. excluding R&D)

None of the above

Only answer this question if Mandatory for all enterprises Display if (4.1 Contains None of 4 None of the above) And (4.1 Contains Any 1 In-House R&D) 4.1(a) Did your enterprise perform in-house R&D during the three years 2020 to 2022:



Mandatory for all enterprises Display if 4.1 Contains None of 4 None of the above

4.2 During 2020 to 2022 did your enterprise have any innovation activities that did not result in a product or process innovation because the activities were: Select all that apply



Abandoned or suspended before completion

The innovation activity was discontinued during 2020 to 2022 either with plans to resume the activity later ('suspended activity) or without such plans ('abandoned activity')

Still ongoing end 2022

The innovation activity was not completed by the end of 2022 and will be continued in 2023

Completed innovation activities not leading to the introduction of an innovation in your enterprise The innovation activity was completed by the end of 2022 but has not resulted in any implemented innovation in your enterprise by the end of 2022, e,g, because it concerned only a part of a product or process or because the implementation is foreseen to happen later, or the implementation is taking place in another enterprise

None of the above

Mandatory for all enterprises

Display if (4.1 Contains None of 4 None of the above) And (4.1 Contains Any 1 In-House R&D R&D)

4.3 How much did your enterprise spend on In-House R&D in 2022 only?

Include:

current expenditures including labour costs specifically for R&D capital expenditures (buildings, machinery, equipment, software etc.) specifically for R&D

With a lack of precise accounting data please use estimates. Please provide to the nearest number of thousands (i.e. \leq 3,000 = 3) If figure is nil, please enter zero



Mandatory for all enterprises. Display if (4.1 Contains None of 4 None of the above) And (4.1 Contains Any 2 R&D Contracted out)

4.4 How much did your enterprise spend on External R&D innovation activities in 2022 only?

R&D contracted out to others (including enterprises in own enterprise group)

With a lack of precise accounting data please use estimates. Please provide to the nearest number of thousands (i.e. \leq 3,000 = 3) If figure is nil, please enter zero

Mandatory for all enterprises Display if (4.1 Contains None of 4 None of the above) And (4.1 Contains Any 3 All other innovations)

4.5 How much did your enterprise spend on all other innovation activities in 2022 only?

All other activities related to the development of new or significantly improved products or processes (i.e. excluding R&D)

Include:

- Acquisition of machinery, equipment, software, Intellectual Property Rights or buildings for innovation activities other than R&D.
- Acquisition of external knowledge for innovation activities other than R&D (e.g. patents, licenses, trademarks)
- Product design, service design, preparation of production/ distribution for innovation activities other than R&D
- Training and professional development for innovation activities other than R&D (e.g. employee training or continued education)
- Marketing of innovation (marketing activities directly related to innovations, including market research)

With a lack of precise accounting data please use estimates. Please provide to the nearest number of thousands (i.e. \leq 3,000 = 3) If figure is nil, please enter zero

Mandatory for all enterprises. Only answer this question if 4.5 is greater than 0. All of 4.6(a-d) must equal 4.5.

4.6 Of the amount spent on all other innovation activities (dynamic fill total); how much did your enterprise spend on each of the following innovation activities in 2022 only?

With a lack of precise accounting data please use estimates. Please provide to the nearest number of thousands (i.e. €3,000 = 3) Exclude R&D If figure is nil, please enter zero



Mandatory for all enterprises Mandatory for all enterprises (4.1 Contains None of 4 None of the above) And (4.5 Greater than 0)

4.6a Own Personnel working on innovation

Mandatory for all enterprises (4.1 Contains None of 4 None of the above) And (4.5 Greater than 0)

4.6b Services, materials, supplies purchased from others for innovation

Mandatory for all enterprises (4.1 Contains None of 4 None of the above) And (4.5 Greater than 0)

4.6c Capital Goods for innovation (acquisition of machinery, equipment, software, IPRs, buildings, etc)

Mandatory for all enterprises (4.1 Contains None of 4 None of the above) And (4.5 Greater than 0)

4.6d Other expenditures for innovation



Factors hampering innovation activities

Mandatory for all enterprises Only answer this question if (2.1 Contains None of None of the above) or (3.1 Contains None of None of the above) or (4.1 Contains None of None of the above)
5.1 Which of the following best describes why your enterprise did not have more innovation activities during the three years 2020 to 2022?
(Any activity on new or improved products or processes, including ongoing or abandoned activities.) Select one
A lack of resources prevented us from having more innovation activities (e.g. lack of finance, qualified personnel, material)
We decided not to have more innovation activities due to reasons other than a lack of resources (e.g. strategic reasons; not the right time to innovate; other priorities; risks too high; low expected returns)
We had no further innovation activities because there was no need for innovation

Mandatory for all enterprises
Only answer this question if (2.1 Contains None of the above) and (3.1 Contains None of the above) and (4.1
Contains None of the above)
5.2 Which of the following best describes why your enterprise had no innovation activities during the
three years from 2020 to 2022 :
Select one
A lack of resources prevented us from having innovation activities (e.g. lack of finance, qualified personnel,
material)
We decided not to have innovation activities due to reasons other than a lack of resources (e.g. strategic
reasons; not the right time to innovate; other priorities; risks too high; low expected returns)
We had no innovation activities because there was no need for innovation

Co-operation for product and process innovations

Only answer this question if (2.1 Contains None of 4 None of the above) Or (3.1 Contains None of 8 None of the above) Or (4.1 Contains None of 4 None of the above)		
6.1 During the three years 2020 to 2022 did your enterprise co-operate with other enterprises or organisations? Co-operation 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 an agreement.		
Select all that apply On R&D		
On other innovation activities excluding R&D		
On any other business activities		
None of the above		

Mandatory for all enterprises

Only answer this question if (6.1 Contains None of 4 None of the above) And (6.1 Contains Any 1 On R&D or 2 On other innovation activities excluding R&D)

6.2 Please indicate the type of innovation co-operation partner by location

Innovation Co-operation is active participation with other enterprises or organisations. Partners do not need to commercially benefit.

Exclude pure contracting out of work with no active co-operation.

EU countries: 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, Spain, and Sweden.

EFTA countries: Iceland, Liechtenstein, Norway and Switzerland



6.2 Please indicate the type of innovation co-operation partner Exclude: Pure contracting out of work with no active co-operation. Select all that apply
Co-operation partner from the business enterprise sector.
Consultants, commercial labs or private research institutions. (Co-operation partner from business enterprises outside your enterprise group.)
Suppliers of equipment, materials, components or software. (Co-operation partner from business enterprises outside your enterprise group.)
Enterprises that are your clients or customers. (Co-operation partner from business enterprises outside your enterprise group.)
Enterprises that are your competitors. (Co-operation partner from business enterprises outside your enterprise group.)
Other enterprises. (Co-operation partner from business enterprises outside your enterprise group.)
Co-operation partner from enterprises within your enterprise group.
Co-operation partner outside the business enterprise sector.
Co-operation partner from Universities or higher education institutions.
Co-operation partner from Government or public research institutes.
Co-operation partner from the public sector. (Clients or customers.)
Co-operation partner from Non-profit organisations.



Only answer this question if 6.2 Contains Co-operation Partner The Business Enterprise Sector		
6.2a Location of Co-operation Partner: The Business Enterprise Sector		
Select all that apply		
Ireland		
Other EU or EFTA		
All other countries (incl. UK)		

Only answer this question if 6.2 Contains Any 2 Consultants, commercial labs or private research institutions. (Co-operation partner from business enterprises outside your enterprise group.)

6.2b Location of co-operation partner:

Consultants, Commercial Labs or Private Research Institutions (Business Enterprises Outside your Enterprise Group)

Select all that apply

Ireland

Other EU or EFTA



Only answer this question if 6.2 Contains Any 3 Suppliers of equipment, materials, components or
software. (Co-operation partner from business enterprises outside your enterprise group.)

6.2c Location of Co-operation Partner:

Suppliers of Equipment, Materials, Components or Software from Business Enterprises Outside your Enterprise Group

Select all that apply

Ireland

Other EU or EFTA

Only answer this question if 6.2 Contains Any 4 Enterprises that are your clients or customers. (Co- operation partner from business enterprises outside your enterprise group.)
6.2d Location of Co-operation Partner: Enterprises That Are Your Clients or Customers from Business Enterprises Outside your Enterprise Group
Select all that apply
Ireland Other EU or EFTA All other countries (incl. UK)



Only answer this question if 6.2 Contains Any 5 Enterprises that are your competitors. (Co-operation partner from business enterprises outside your enterprise group.)
6.2e Location of Co-operation Partner: Enterprises That Are Your Competitors from Business Enterprises Outside your Enterprise Group
Select all that apply
Ireland Other EU or EFTA All other countries (incl. UK)
Only answer this question if 6.2 Contains Any 6 Other enterprises. (Co-operation partner from business enterprises outside your enterprise group.)
6.2f Location of Co-operation Partner: Other Enterprises from Business Enterprises Outside your Enterprise Group
Select all that apply

Ireland

Other EU or EFTA



Only answer this question if 6.2 Contains Any 7 Co-operation partner from enterprises within your enterprise group.	
6.2g Location of Co-operation Partner: Enterprises Within your Enterprise Group	
Select all that apply Ireland	
Other EU or EFTA	
All other countries (incl. UK)	

Only answer this question if 6.2 Contains Any 8 Outside the Business Enterprise Sector
6.2h Location of Co-operation Partner: Outside the Business Enterprise Sector
Select all that apply
Ireland Other EU or EFTA All other countries (incl. UK)



Only answer this question if 6.2 Contains Any 9 Co-operation partner from Universities or higher education institutions.

6.2i Location of Co-operation Partner: Universities or Higher Education Institutions

Select all that apply

Ireland

Other EU or EFTA

All other countries (incl. UK)

Only answer this question if 6.1 Contains Any 10 Co-operation partner from Government or public research institutes.

6.2j Location of Co-operation Partner: Government or Public Research Institutes

Select all that apply

Ireland

Other EU or EFTA



Only answer this question if 6.2 Contains Any 11 Co-operation partner from the public sector. (Clients or customers.)

6.2k Location of Co-operation Partner: The Public Sector

Select all that apply

Ireland

Other EU or EFTA

All other countries (incl. UK)

Only answer this question if 6.2 Contains Any 12 Co-operation partner from Non-profit organisations. 6.2I Location of Co-operation Partner: Non-profit Organisations

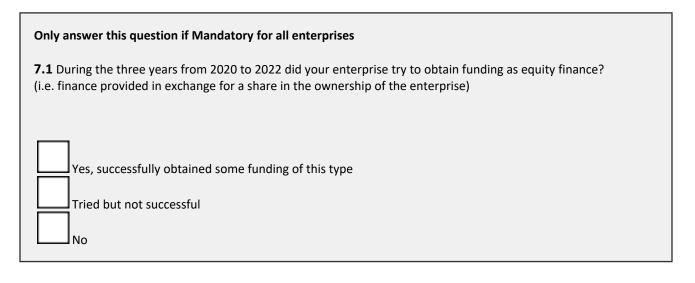
Select all that apply

Ireland

Other EU or EFTA



Business Finance



Mandatory for all enterprises Only answer this question if 7.1 Contains Any 1 Yes, successfully obtained some funding of this type

7.1a Was this equity funding used for R&D or other innovation activities (partly or fully)?



Only answer this question if Mandatory for all enterprises

7.2 During the three years from 2020 to 2022 did your enterprise try to obtain funding as debt finance? (i.e. finance that the enterprise must repay)

	, successfully	/ obtained	como fi	inding	of this	tyna
i i es,	, successium	y obtaineu	Somen	inuing	or time	LYPE

Tried but not successful

No



	ory for all enterprises swer this question if 7.2 Contains Any 1 Yes, successfully obtained some funding of this type
7.2a	Was this debt funding used for R&D or other innovation activities (partly or fully)?
	es
	0

7.3 During the three years from 2020 to 2022 did your enterprise receive any public financial support from the following levels of government?

Include financial support via grants, subsidized loans and loan guarantees. Exclude revenues from public sector procurement contracts (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)

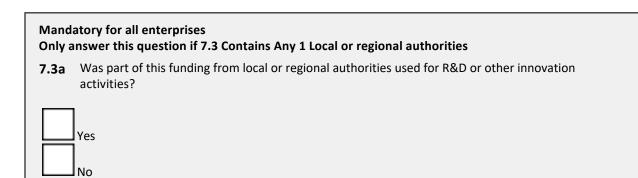
Select all that apply

Local or regional authorities

National government

EU programme for Research and Innovation (Horizon 2020, Horizon Europe)

Other financial support from an EU institution





Mandatory for all enterprises Only answer this question if 7.3 Contains Any 2 National government

7.3b Was part of this funding from national government used for R&D or other innovation activities?



Mandatory for all enterprises Only answer this question if 7.3 Contains Any 3 EU programme for Research and Innovation (Horizon 2020, Horizon Europe)

7.3c Was part of this funding from the EU Programme used for R&D or other innovation activities?



Mandatory for all enterprises

Only answer this question if 7.3 Contains Any 4 Other financial support from an EU institution

7.3d Was part of this funding from an EU Institution (excluding EU Programme for R&D) used for R&D or other innovation activities?

Yes
No

7.4 During the three years from 2020 to 2022 did your enterprise use tax incentives or allowances for the following purposes?
Select all that apply Tax credits or allowances for R&D or other innovation activities
Tax credits or allowances for all other types of activities None of the above



Specific factors and actions

Mandatory for all enterprises

8.1 During the three years from {{Survey Year -2}} to {{Survey Year}} did your enterprise purchase machinery, equipment or software based on: Select all that apply

The same or improved technology used in your enterprise before	
New technology that was not used in your enterprise before	
None of the above	

8.2 During 2020 to 2022, how important were the following factors related to climate change for your business?

8.2a Government policies or measures related to climate change
High
Medium
Low
Not relevant
8.2b Increasing customer demand for products that help mitigate or adapt to climate change (e.g. low- carbon products)
High
Medium
Low

Not relevant



8.2c Increasing costs or input prices resulting from climate change (e.g. higher insurance fees, higher prices for water, adaptation of processes or facilities)
High
Medium
Low
Not relevant
8.2d Impacts of extreme weather conditions

(c.g. dunidges) distandunces)	
High	
Medium	
Low	
Not relevant	

Environmental Innovations

• An innovation with environmental benefits is a new or improved product or process of an enterprise that generates lower environmental impacts, compared to the enterprise's previous products or processes, and that has 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 enterprise, the government, etc.

Mandatory for all enterprises

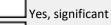
9.1 During the three years 2020 to 2022, did your enterprise introduce innovations with any of the following environmental benefits obtained within your enterprise, and if so how significant was their contribution to environmental protection?

As a benefit within your enterprise.



9.1a Reduced material or water use per unit of output

(as a benefit within your enterprise)



No

Yes, but insignificant

Mandatory for all enterprises

9.1b Reduced energy use or CO2 footprint (i.e. reduced total CO2 emission) (as a benefit within your enterprise)

Yes, significant

No

Yes, but insignificant

Mandatory for all enterprises

9.1c Reduced soil, light, noise, water or air pollution (as a benefit within your enterprise)

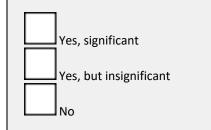
Yes, significant

Yes, but insignificant

____No



9.1d Replaced a share of materials with less polluting or hazardous substitutes (as a benefit within your enterprise)



Mandatory for all enterprises

9.1e Replaced a share of fossil energy with renewable energy sources (as a benefit within your enterprise)

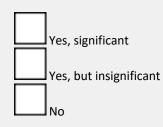
Yes, significant

No

Yes, but insignificant

Mandatory for all enterprises

9.1f Recycled waste, water or materials for own use or sale (as a benefit within your enterprise)





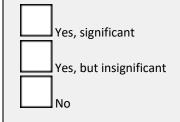
9.1g Protection of bio-diversity (as a benefit within your enterprise)

Yes, significant
Yes, but insignificant
No

9.2 During the three years 2020 to 2022, did your enterprise introduce innovations with any of the following environmental benefits obtained during the consumption or use of a good or service by the end user, and if so how significant was their contribution to environmental protection? As a benefit to the end user.

Mandatory for all enterprises

9.2a Reduced energy use or CO2 footprint i.e. reduced total CO2 emission (as a benefit within your enterprise)



Mandatory for all enterprises

9.2b Reduced soil, light, noise, water or air pollution (as a benefit to the end user)

Yes, significant

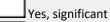
Yes, but insignificant

No



9.2c Facilitated recycling of product after use

(as a benefit to the end user)

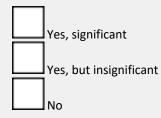


No

Yes, but insignificant

Mandatory for all enterprises

9.2d Extended product life through longer lasting, more durable or easier to repair products (as a benefit to the end user)



Mandatory for all enterprises

9.2e Protection of bio-diversity (as a benefit to the end user)

	Yes.	significant
_	1103,	Jighnicunt

No

Yes, but insignificant

Basic economic information on your enterprise



10.1 What was the average number of persons employed by your enterprise in Ireland 2020 and 2022?

Mandatory for all enterprises

10.1 2020

Average number of persons employed

Mandatory for all enterprises

10.1 2022

Average number of persons employed

Mandatory for all enterprises

10.2 What was the total turnover of your enterprise in Ireland in 2020 and 2022?

Turnover is defined as the market sales of goods and services.

Include: All taxes except VAT.

For Credit Institutions: Interests receivable and similar income.

For Insurance Services: Give gross premiums written.

Please provide to the nearest number of thousands (i.e. ξ 3,000 = 3).

Mandatory for all enterprises

10.2 2020

€



10.2 2022

€

10.3 Approximately, what was the percentage of turnover in Ireland in 2022 from: Total must add up to 100%

10.3 Customers located in Ireland

10.3 Customers located in other EU or EFTA

10.3 Customers located in countries not included above (incl. UK)

Mandatory for all enterprises Filter applied to only allow 1800 to 2023

10.4 In what year was your enterprise established? (if unknown provide your best estimate)



10.5 In 2022, was your enterprise part of an enterprise group?

An enterprise group consists of two or more legally defined enterprises under common ownership. Each enterprise in the group can serve different markets, as with national or regional subsidiaries, or serve different product markets. The head office is also part of an enterprise group.



Only answer this question if 10.5 Contains Any 1 Yes

10.6 Location of Head Office of Group

Ireland

Elsewhere

Only answer this question if 10.6 = Elsewhere

10.7 In which country is head office of your group located?

Standard list of countries drop menu

Only answer this question if 10.6 = Ireland

10.8 Are all of the enterprises of this group located in Ireland?



Comments, Administrative Burden and Contact Details

Please add any comments that would help us to interpret the data provided and avoid further queries:

How many minutes did it take you to collect the data for this survey?

Please note: Queries or future surveys from the CSO may be directed to the email or phone number provided by you. eQ ANNOTATION 1: Drop down list required for "Position" options include ('Accountant', 'Director', 'Executive', 'Financial Controller', 'Manager', 'Owner', 'Secretary', 'Other')			
Contact	Details		
Name:			
Position:			
Phone:			
Email:			
Website:			
Eircode of Enterprise:			

You will have the opportunity to view and print or save a copy of your answers after submitting this survey.