The Community Innovation Survey 2010 (CIS 2010)

THE HARMONISED SURVEY QUESTIONNAIRE

The Commun	mty innovation Survey 2010	FINAL VERSION July 9, 2010
This survey colle 2010 inclusive.	ects information on your enterprise's innovations a	nd innovation activities during the three years 2008 to
	enterprise. The innovation must be new to your ente	product, process, organisational method, or marketing erprise, although it could have been originally developed
Sections 5 to 8 o	only refer to product and process innovations.	
Please complete	all questions, unless otherwise instructed.	
Person we should	contact if there are any queries regarding the form:	
Name: Job title: Organisation: Phone:		

Fax: E-mail:

Name of ente	erprise			ID NUTS
Postal code	Main activity ²			
enterprises un	was your enterprise part of an enterprise group der common ownership. Each enterprise in the group can or serve different product markets. The head office is also pa	serve different marke	ets, as with	
Yes	☐ 1 In which country is the head office of your gro	oup located? 3		HO
No				
	h geographic markets did your enterprise sel he three years 2008 to 2010?			
		Yes 1	No 0	
A. Local / reg	gional within [your country]	,		MARLOC
B. National (d	other regions of [your country])			MARNAT
C. Other Euro	opean Union (EU), EFTA, or EU candidate countries*			MAREUR
D . All other c	ountries			
D. All other c				MAROTH

1. General information about the enterprise

^{*:} Include the following countries: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Ireland, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Slovakia, Switzerland, Turkey, Spain, Sweden and the United Kingdom.

¹ NUTS 2 code

² NACE 4 digit code

³Country code according to ISO standard

2. Product (good or service) innovation

A product innovation is the market introduction of a **new** or **significantly** improved **good or service** with respect to its capabilities, user friendliness, components or sub-systems.

- Product innovations (new or improved) must be new to your enterprise, but they do not need to be new to your market.
- Product innovations could have been originally developed by your enterprise or by other enterprises.

A **good** is usually a tangible object such as a smart phone, furniture, or packaged software, but downloadable software, music and film are also goods. A **service** is usually intangible, such as retailing, insurance, educational courses, air travel, consulting, etc.

consulting, etc	n are also goods. A service is usually intangible, such as retailing, insura c.	ance, educatio	onai cou	rses, air tra	ivei,
2.1 During	the three years 2008 to 2010, did your enterprise introd	duce:			
			Yes 1	No 0	
New or signi a solely aest	ficantly improved goods (exclude the simple resale of new goods and chetic nature)	changes of			INPDGD
New or signi	ficantly improved services				INPDSV
	If no to all options, go to section 3, other	wise:			
2.2 Who de	veloped these product innovations?				
		Tick Goods innovations INPDTG	all that a	pply Service innovations INPDTS	;
Your enterpr	ise by itself				1
Your enterpr	ise together with other enterprises or institutions*				2
•	rise by adapting or modifying goods or services originally developed erprises or institutions*				3
Other enterp	rises or institutions*				4
	nendent enterprises plus other parts of your enterprise group (subsidiaries, siste prince research institutes, non-profits, etc.	er enterprises, h	ead offic	e, etc). Insti	tutions
2.3 Were a	ny of your product innovations (goods or services) dur	ing the thr	ee yea	ırs 2008	to
			Yes 1	No 0	
New to your market?	Your enterprise introduced a new or significantly improved product of market before your competitors (it may have already been available if markets)				NEWMKT
Only new to your firm?	Your enterprise introduced a new or significantly improved product the already available from your competitors in your market	hat was			NEWFRM

Using the definitions above, please give	the percentage of you	ur total ti	urnover* in 2	2010 from:	
New or significantly improved products introduced during the three years 2008 to 2010 that were new to your market					
New or significantly improved products introduced during the three years 2008 to 2010 that were only new to your firm					
Products that were unchanged or only marginally	modified during the three	ears 2008	to 2010	TURNUNG	
(include the resale of new products purchased from other enterprises)					
	To	tal turnov	er in 2010	1 0 0 %	
2.4 Were any of your product innovation	s during the three yea	ırs 2008	to 2010:		
	Yes	No	Don't know	,	
	1	0	2		
A first in [your country]				INPDFC	
A first in Europe				INPDFE	
A world first				INPDFW	

 $^{^4}$ For Credit institutions: Interests receivable and similar income, for insurance services: Gross premiums written

_	_		2 B
~2	Process	SINNA	vation
.).	LIOCE23	s iiiiiv	vauui

A process innovation is the implementation of a **new** or **significantly** improved production process, distribution method, or supporting activity.

- Process innovations must be new to your enterprise, but they do not need to be new to your market.
- The innovation could have been originally developed by your enterprise or by other enterprises.
- Exclude purely organisational innovations these are covered in section 9.

3.1 During the three years 2008 to 2010, did your enterprise introduce	e: Yes	No	
	1	0	
New or significantly improved methods of manufacturing or producing goods or services			INPSPD
New or significantly improved logistics, delivery or distribution methods for your inputs, go or services	oods 🗆		INPSLG
New or significantly improved supporting activities for your processes, such as maintenar systems or operations for purchasing, accounting, or computing	nce 🗆		INPSSU
If no to all options, go to section 4, otherwise	e:		
3.2 Who developed these process innovations?		IN	IPSDV
		Tick all t	hat apply
Your enterprise by itself			□ 1
Your enterprise together with other enterprises or institutions*			□ 2
Your enterprise by adapting or modifying processes originally developed by other enterprise	es or institutions	,*	□ 3
Other enterprises or institutions*			□ 4
*: Include independent enterprises plus other parts of your enterprise group (subsidiaries, sister enterinclude universities, research institutes, non-profits, etc.	erprises, head offic	ce, etc). Ir	nstitutions
3.3 Were any of your process innovations introduced during the threato your market?	ee years 200	8 to 20	10 new
•		INF	PSNM
	Yes] 1
	No] 0
	Do not know] 2
4. Ongoing or abandoned innovation activities for process and	product inn	ovatio	ns
Innovation activities include the acquisition of machinery, equipment, software, and licenses; engine training, marketing and R&D when they are <i>specifically</i> undertaken to develop and/or implement include basic R&D as an innovation activity even when not related to a product and/or process innovation.	a product or proce		
4.1 During the three years 2008 to 2010, did your enterprise have any did not result in a product or process innovation because the ac			es that
	Yes	No	
Abandoned or suspended before completion Still ongoing at the end of the 2010	1	0 	INABA INONG

If your enterprise had no product or process innovations or innovation activity during the three years 2008 to 2010 (no to all options in questions 2.1, 3.1, and 4.1), go to section 8.

5. Innovation activities and expenditures for process and product innovations

5.1 During the three years 2008 to 2010, did your enterprise engage in the following innovation activities:

				Yes	No 0	
	In-house R&D	Creative work undertaken within your enterprise to inc knowledge for developing new and improved products (include software development in-house that meets th	and processes			RRDIN
		If yes, did your enterprise perform R&D during the thre Continuously (your enterprise has permanent R&D s Occasionally (as needed only)				RDENG
	External R&D	Same activities as above, but performed by other enterother enterprises or subsidiaries within your group) or research organisations and purchased by your enterprise.	by public or private			RRDEX
	Acquisition of machinery, equipment and software	Acquisition of advanced machinery, equipment (include hardware) or software to produce new or significantly and processes				RMAC
	Acquisition of external knowledge	Purchase or licensing of patents and non-patented invand other types of knowledge from other enterprises of development of new or significantly improved products	or organisations for the			ROEK
	Training for innovative activities	Internal or external training for your personnel specific development and/or introduction of new or significantly and processes				RTR
	Market introduction of innovations	Activities for the market introduction of your new or sig goods or services, including market research and laur				RMAR
	Design	Activities to design, improve or change the shape or a significantly improved goods or services	ppearance of new or			RDSG
	Other	Other activities to implement new or significantly improprocesses such as feasibility studies, testing, routine stooling up, industrial engineering, etc.	•			RPRE
5.2		ne amount of expenditure for each of the foonly. (Include personnel and related costs) ⁵	ollowing four innov	vation	1	
		If your enterprise had no exper	nditures in 2010, plea	se fill i	in '0'	
	In-house R&D (Include specifically for R&D)	e capital expenditures on buildings and equipment		RR	DINX	
	Purchase of external	R&D		RRI	DEXX	
	Acquisition of machin (Exclude expenditures	nery, equipment, and software on equipment for R&D)		RM	ACX	
	Acquisition of externa	al knowledge		RC	EKX	
	Total of these four inn	ovation expenditure categories		R	гот	

 $^{^{\}rm 5}$ Give expenditure data in 000's of national currency units to eight digits.

	a tax credits or deductions, grants, subsidised loans, and vation activities conducted entirely for the public sector unc	-		xclude re	esearch a	nd
			Y	Yes No		
Local or	regional authorities] FUNL	OC
Central	government (including central government agencies or ministrie	s)] FUNG	MT
The Eu	ropean Union (EU)] FUNE	EU
	If yes, did your enterprise participate in the EU 7th Framework Research and Technical Development?	(Programi	me for] FUNR	TD
. Sources	of information and co-operation for product a	and pro	cess inn	ovatio	n	
activities	the three years 2008 to 2010, how important were each of the following information sources information for new innovation projects or contributed to	? Please of the con	identify info mpletion of egree of imp	ormation existing	sources the source the	nat on
		d' if no infoi	rmation was o	btained fro	om a source	
	Information source	High 3	Medium 2	Low 1	Not used 0	
Internal	Within your enterprise or enterprise group			,		SENTG
Market	Suppliers of equipment, materials, components, or software					SSUP
sources	Clients or customers					SCLI
	Competitors or other enterprises in your sector					SCOM
	Consultants, commercial labs, or private R&D institutes					SINS
Institutional	Universities or other higher education institutions					SUNI
sources	Government or public research institutes					SGMT
Other	Conferences, trade fairs, exhibitions					SCON
sources	Scientific journals and trade/technical publications					SJOU
	Professional and industry associations					SPRO

5.3 During the three years 2008 to 2010, did your enterprise receive any public financial support for innovation activities from the following levels of government? Include financial

particip	ation activities with other enterprises on pation with other enterprises or non-commercial on commercially benefit. Exclude pure contracting	institutions	on innov	ation activiti	es. Both pa	
Yes	☐ ☐ (Please go to guestion 7.1)		СО			
No	☐ (Please go to question 7.1)		CO			
6.3 Pleas	e indicate the type of innovation co-ope	eration pa	rtner by	location	(T	ick all that apply
Туре	of co-operation partner	[Your country]	Other Europe	United States	China or India	All other countries
A. Oth	ner enterprises within your enterprise group	□ Co11	□ Co12	2 □ Co13	□ Co14	□ Co15
	ppliers of equipment, materials, components, or ftware	□ Co21	□ Co22	2 🗆 Co23	□ Co24	□ Co25
C. Clie	ents or customers	□ Co31	□ Co32	2 🗖 Co33	□ Co34	□ Co35
D . Co	mpetitors or other enterprises in your sector	□ Co41	□ Co42	2 □ Co43	□ Co44	□ Co45
E. Cor	nsultants, commercial labs, or private R&D institutes	s □ Co51	□ Co52	2	□ Co54	□ Co55
F . Uni	versities or other higher education institutions	□ Co61	□ Co62	2 □ Co63	□ Co64	□ Co65
G . Go	vernment or public research institutes	□ Co71	□ Co72	2 C o73	□ Co74	□ Co75
Kingdom. 6.4 Which innov	a, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slo n type of co-operation partner did you find ation activities? (Give corresponding lett	d the most er)	valuabl	e for your	enterpris P	
7. Objec	tives for your product and process i	nnovatio	ns duri	ng 2008 t	to 2010	
	important were each of the following of ocess innovations during the three yea			activities	s to deve	lop product
	If your enterprise had several projects	s for product a	nd process	innovations, i	make an ove	rall evaluation
		U		Low Not	relevant	
	and of mode or conjugat	3	2	1	0	ODANCE
	ange of goods or services					ORANGE
•	utdated products or processes					OREPL ONMOMS
	markets or increase market share					
	uality of goods or services					OQUA
•	exibility for producing goods or services					OFLEX
	apacity for producing goods or services					OCAP
	bour costs per unit output					OLBR
	aterial and energy costs per unit output					ORME
	nvironmental impacts					OHESY
improve he	ealth or safety of your employees					OHESY

6.2 During the three years 2008 to 2010, did your enterprise co-operate on any of your

8. Factors hampering product and process innovation activities

8.1 During the three years 2008 to 2010, how important were the following factors in preventing your enterprise from innovating or in hampering your innovation activities?

		Degree of importance				
		High	Medium	Low	Factor not experienced	
		3	2	1	0	
04	Lack of funds within your enterprise or group					HFENT
Cost factors	Lack of finance from sources outside your enterprise					HFOUT
1401010	Innovation costs too high					HCOS
V novelodno	Lack of qualified personnel					HPER
Knowledge factors	Lack of information on technology					HTEC
	Lack of information on markets					HINF
	Difficulty in finding cooperation partners for innovation					HPAR
Market	Market dominated by established enterprises					HDOM
factors	Uncertain demand for innovative goods or services					HDEM
Reasons	No need due to prior innovations by your enterprise					HPRIOR
not to innovate	No need because of no demand for innovations					HMAR

9. Organisational innovation

An organisational innovation is a new organisational method in your enterprise's business practices (including knowledge management), workplace organisation or external relations that has not been previously used by your enterprise.

- It must be the result of strategic decisions taken by management.
- Exclude mergers or acquisitions, even if for the first time.

9.1 During the three years 2008 to 2010, did your enterprise introduce:

	1	0	
New business practices for organising procedures (i.e. supply chain management, business reengineering, knowledge management, lean production, quality management, etc)			ORGBUP
New methods of organising work responsibilities and decision making (i.e. first use of a new system of employee responsibilities, team work, decentralisation, integration or de-integration of departments, education/training systems, etc)			ORGWKP
New methods of organising external relations with other firms or public institutions (i.e. first use of alliances, partnerships, outsourcing or sub-contracting, etc)			ORGEXR

If no to all options, go to section 10.

Otherwise, go to question 9.2

9.2 How important were each of the following objectives for your enterprise's organisational innovations introduced during the three years 2008 to 2010 inclusive?

If your enterprise introduced se	•			ako an ovor	all avaluation	n	
ii your emerprise introduced se	verai Organisau	High	Medium	Low	Not	1	
		3	2	1	relevant 0		
Reduce time to respond to customer or supplier needs						0	RORED
Improve ability to develop new products or processes						0	ROABL
Improve quality of your goods or services						0	ROQUA
Reduce costs per unit output						0	RORCO
Improve communication or information sharing within yo enterprise or with other enterprises or institutions	ur					C	POCIN
10. Marketing innovation							
 It requires significant changes in product de pricing. Exclude seasonal, regular and other routine 	esign or pacl	kaging, narketi	, product p	olacemen Is.	t, product	prom	otion or
10.1 During the three years 2008 to 2010, did	d your ente	erprise	e introdu	ce:	Yes 1	No 0	
Significant changes to the aesthetic design or packagi that alter the product's functional or user characteristics	•		,	-			MKTDGP
New media or techniques for product promotion (i.e. to media, a new brand image, introduction of loyalty cards		se of a	new advert	tising			MKTPDP
New methods for product placement or sales channel distribution licenses, direct selling, exclusive retailing, i	•			-) 🗆		MKTPDL
New methods of pricing goods or services (i.e. first tim discount systems, etc)	e use of varia	ble pric	ing by dem	and,			MKTPRI
If no to all opti Otherwise,							
10.2 How important were each of the following innovations introduced during the three			•		erprise's	mar	rketing
If your enterprise introduced s	several marketii	ng innov	ations, make	e an overali	evaluation		
	High	Me			Not relevant		
Increase or maintain market share	3 □		2 □	<i>1</i> □	0 П	C	MKTS
Introduce products to new customer groups							MKTCG
saass products to non suctomor groups	_		_	_	_		MICTOM

OMKTGM

Introduce products to new geographic markets

11. Creativity and skills

11.1 During the three years 2008 to 2010, did your enterprise employ individuals in-house with the following skills, or obtain these skills from external sources?

Tick both 'Employed in-house' and 'Obtained from external sources' if relevant.

	Employed in-house	Obtained from external sources*	Skills not used / not relevant	
	1	2	0	
Graphic arts / layout / advertising				SGALA
Design of objects or services				SDOS
Multimedia (combining audio, graphics, text, still pictures, animation, video etc)				SMED
Web design				SWDS
Software development				SSWD
Market research				SMKR
Engineering / applied sciences				SENAP
Mathematics / statistics / database management				SMSDM

^{*:} Include freelancers, consultants, other independent enterprises, other parts of your enterprise group, etc.

11.2 During the three years 2008 to 2010, did your enterprise use any of the following methods to <u>stimulate new ideas or creativity</u> among your staff? If yes, was the method successful in producing new ideas or increasing creativity?

	Method used and:			Method	
	Successful	Not Successful	Don't know if successful	not used	
	1	2	3	0	
Brainstorming sessions					MBRST
Multidisciplinary or cross-functional work teams					MMDCF
Job rotation of staff to different departments or other parts of your enterprise group					MJBRT
Financial incentives for employees to develop new ideas					MFIN
Non-financial incentives for employees to develop new ideas, such as free time, public recognition, more interesting work, etc					MNFIN
Training employees on how to develop new ideas or creativity					MTREM

12. Basic economic information on your enterprise

	2008	2010
	TURN08	TURN10
2.2 What was your enterprise'	s average number of employees in	
	2008	2010
	EMP08	EMP10

12.3 Approximately what percent of your enterprise's employees in 2010 had a university degree?⁹

	EMPUD	
0%		0
1% to 4%		1
5% to 9%		2
10% to 24%		3
25% to 49%		4
50% to 74%		5
75% to 100%		6

⁶ Give turnover in '000 of national currency units. Leave space for up to nine digits.

⁷ For Credit institutions: Interests receivable and similar income; for Insurance services give gross premiums written

⁸ If administrative data are used and the annual average is not available, give results for the end of each year. Leave space for up to six digits for question 12.2.

⁹ National translation: This includes ISCED 5a and 6. If administrative data are used, use the same time period as for question 12.2.