R&I NEEDS IN THE FIELD OF MATERIAL SCIENCE IN THE RETINA PROJECT PROGRAMME AREA

QUESTIONNAIRE

Purpose of the questionnaire:
The questionnaire is carried out within RETINA project (Interreg Slovenia – Austria programme) for identifying the interests and needs of industry, laboratories, researchers centers and universities in the field of research and innovation infrastructure.

Confidentiality of data:
Your answers will be kept in strict confidence and will be used solely for the purpose of RETINA project.

Who should fill out the questionnaire?
The following questionnaire should be filled out by a person familiar with the subject area (a development manager or a director).

Date, place:_____

Name of PP:_____

Name of PP Legal repres.:_____

We greatly value your co-operation. Thank you for your time and consideration!

QUESTIONNAIRE:

Basic questions

Name of your company / laboratory / development center / university / other:

_____

Head office (address):

_____

Contact person (person who fills out the questionnaire):

Name and surname:	
Phone number:	
E-mail address:	
Title:	
Area of work:	

Which specialist area is your company assigned to?

_____

Geographical area of activities – in which geographic markets do you work or sell your products / services:

- regional market
- national market
- EU market
- other

  countries:_____

R&I questions

1) **Does your institution develop and sell innovative (new / significantly improved) products or services?**

_____

If yes, what are the most important innovation products / services within your institution?
Describe briefly and provide information if the individual product / service is an innovation on the market in where you operate or only within your institution.

_____
_____
_____
_____
_____
_____
_____
_____
_____

2) **Do you develop innovative products / services in your company?**
   Is R&D implemented in your company?

   - **Yes**
   - **No (in this case, carry on with question 3c)**

3) **If yes, do you develop innovative products by yourself or in collaboration with external enterprises or institutions?**

   - 3a) by ourselves
   - 3b) in collaboration with external partners (in this case, carry on with ad 3b)

ad 3a) If you develop innovations by yourself (internal research and development):

- Are there any research and development experts in your company?

  _____

- Can you name the contact person for research and development area?

  _____

- How often do you implement research and development in your company?
  Is R&D an integral part of your company or are there only time-limited research projects?

  _____

- Are there any special needs or problems in the R&D area of your company?
  What are your needs and problems in this area:

needs	problems with	
		Equipment (machines, software)
		staff (know how)
		Financial support (costs)
		Not enough innovative ideas
		Cooperation with relevant R&I partner
		space
		Poor access to R&I infrastructure

  - specific needs for specific products:

    _____

  - other:

    _____

- What is the percentage of innovation processes stopped due to the problems listed above?

  _____

ad 3b) If you are developing innovations through external partners (external research and development):

- Why have you decided to transfer the development of innovation out of your institution?

needs	problems with	
		Equipment (machines, software)
		staff (know how)
		Financial support (costs)
		Not enough innovative ideas
		Cooperation with relevant R&I partner
		space
		Poor access to R&I infrastructure

- Can you name your external partner/s?

  _____

- On eliminating the problems listed above, would you decide on internal development and research activity?

  _____

3c) Is there any reference to institutions in the field of R & D?
Do you help any institution in the area of R&I?

- If yes, to whom?

  _____

- For which products? Why is this interesting for your company?

  _____

- In what way?
  - general description:

    _____

    _____

If your institution doesn't develop or sell innovative (new / significantly improved) products or services: what are the reasons:

- equipment (machines, software)
- staff (knowledge)
- financial support (costs)
- more innovative ideas,
- cooperation with relevant R&I partners

- space
- poor access to R&I infrastructure
- small competition
- law demand for innovation
- other:_____

On resolving the above issues, would you decide on developing an innovative product or service?

_____

RETINA wants to build a network of established laboratories with complementary skills in material science and providing research centres and small, medium and large enterprises with a "single entry point" access to the network.
Can you describe what kind of help does "single entry point" represent to you?

_____
_____
_____
_____
_____
_____

Short RETINA project description:

The programme area is currently facing a high fragmentation of research and innovation (R&I) capacities. Consequently, most of the companies in peripheral regions have poor access to R&I infrastructure, are not innovating and experience a limited value added growth. This is especially true in the field of advanced material engineering for industrial applications. Although the potential market for products based on functional materials is extremely diverse (energy storage, electronics, pharmaceuticals, aerospace, etc.), companies in peripheral areas cannot efficiently take advantage of the available R&I infrastructure for developing new products. RETINA aims at addressing these challenges by building a network of established laboratories with complementary skills in material science and providing research centres and small, medium and large enterprises with a "single entry point" access to the network. This will increase the chances of reaching the critical mass of R&I facilities in the area, stimulate companies to invest in R&I and consequently contribute to enhancing the competitiveness of less favoured regions. The project's main outputs will be informative events, laboratory visits, Pilot Actions performed in collaboration with industries and research centres, and feedback to public authorities, targeting different groups (scientific partners, knowledge

transfer intermediaries, industries and decision makers) to maximize the impact. A highly fragmented R&I infrastructure in the field of material science prevents reaching the project goals on regional and national levels. A cross-border initiative is therefore essential for the successful implementation of the proposal. An interregional network providing access to its research facilities through a "single entry point" is what makes the project unique compared with other collaboration initiatives, which usually take place locally.

Participating partners:	**abbreviation**	**country**
Univerza v Novi Gorici	UNG	SLOVENIA
Kemijski inštitut	KI	SLOVENIA
Primorski tehnološki park d.o.o.	PTP	SLOVENIA
Technische Universität Graz	TUG	AUSTRIA
Polymer Competence Center Leoben GmbH	PCCL	AUSTRIA
Montanuniversität Leoben	MUL	AUSTRIA
CTR Carinthian Tech Research AG	CTR	AUSTRIA