





## STATE OF THE ART OF S&T INTERMEDIARIES



### > 6 S&T intermediaries selected:

- > Regional Development Agency: CIDEM ("Center for Innovation and Business Development")
- > Local Public Agencies: Knowledge Society (City Council of Terrassa).
- > Technological and scientific Parks: Barcelona Scientific Park (PCB) through Bosch and Gimpera Foundation (FBIG)
- > Universities: Office of Research and Technology Transfer of Girona University (UdGOITT)
- > Terrassa Trade Chamber
- > Technological Centre: LEITAT

> 5 questionnaires filled via face to face interviews

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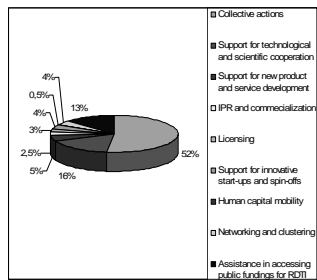
## BASIC RESULTS S&T INTERMEDIARIES



→ Main services focused in Collective Actions (1435 actions). Specially in awareness raising activities

→ Support for techno and scientific cooperation (453 actions) and assistance in accessing public funding (351)

→ Almost nonexistent focus on human capital mobility and licensing



Source: Draft Summary Report on Catalan S&T Intermediaries

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## BASIC RESULTS S&T INTERMEDIARIES



### Best Developed Areas

> **Collective Actions**, and inside it, the service "Awareness raising activities for enterprises" is by far the most developed and applied service of all the ones offered by the 5 institutions. Also important is the service of "Technology Watch" and "Collecting and disseminating information on relevant existing technologies", specially for CIDEM and Bosch and Gimpera Foundation.

> **Support for technological and scientific cooperation** is in the second place of relevance, though just one of the interviewed organisations develops activities in all the five services selected. So, it is quite common for the intermediaries interviewed to offer services of "Technological Audit" and "Technical and Legal support for preparing projects and agreements related to S&T collaboration", but just one of the intermediaries (UdGOITT) works on the rest of the services of the area and not in a large scale.

> **Assistance in accessing public funding for RDT activities** is also a very important area of activity for three of the partners (CIDEM, UdGOITT and Knowledge Society Area). They offer a high number of support on the three services, being "Search for public funding and monitoring public tenders" their main focus of activity. On the other hand we find Bosch and Gimpera Foundation and Terrassa Trade Chamber, with absolutely no implication on the area.

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## BASIC RESULTS OF SMEs QUESTIONNAIRES



- No services received or demanded regarding Licensing. For 3 SMEs this service is actually not delivered by the S&T system
- The opinion of some SMEs regarding Human capital mobility and Networking are contradictory. There are actually services that cover those areas but the lack of information about is expressed in the opinion of unavailability.

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## FIRST CONCLUSIONS



→ A first approach to matching offer-demand of S&T services shows:

- Clear positioning of selected intermediaries around 4 to 5 core services (Collective Actions, Support for technological and scientific cooperation, Support for new product and service development and Assistance in accessing public funding for RDTI activities)
- Clear demand and use by participating SMEs of 2-3 core services (Collective Actions, Support for new product and service development and Assistance in accessing public funding for RDTI activities)
- Contradictory opinions about availability of services:
  - 3 of the S&T intermediaries selected offer services of Licensing (CIDEM, UdGOITT and FBG, not core activity), and 2 offer Human capital mobility (Terrassa Trade Chamber and UdGOITT). Not a core activity.

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- 3 SMEs consider Licensing as a not available service. As said, it is an offered service, though not established as core activity
- 4 SMEs consider Human capital mobility as a not available service, though one of the companies of the panel has actually received the service from an intermediary. 2 of those SMEs expressed mainly their ignorance about how to reach the service, more than the unavailability of it.
- 3 SMEs manifested that Networking and Clustering was unavailable. Meanwhile, 2 SMEs of the same panel are getting services in that area.

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OPINIONS EXPRESSED BY SMEs	
<b>STRENGTHS</b>	<b>WEAKNESSES</b>
<ul style="list-style-type: none"> <li>→ High level of professionalization</li> <li>→ Big range of services offered</li> <li>→ High level of coordination in between actors of the system</li> <li>→ Growing specialization of actors</li> <li>→ Strong model of management the support of SMEs</li> <li>→ High political compromise to increase system of support to SMEs</li> </ul>	<ul style="list-style-type: none"> <li>→ Too many actors involved</li> <li>→ Lack of infrastructures (basic and specialized)</li> <li>→ Not enough tailor made services for specific needs</li> <li>→ Lack of support for a mentality change</li> <li>→ Too much bureaucracy</li> <li>→ Exigent model in terms of resources and time</li> </ul>




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