



Panel on FIRE actors in Catalonia

Mariona Sanz (ACC10, Catalan Government)
Miquel Oliver (Universitat Pompeu Fabra)

FIRE week 2010, 30th June Barcelona

- Some figures about FIRE and ICT activities and research in Catalonia
(by M. Sanz)
- Who is who in FIRE-Cat
(by M. Oliver)
- Technology and Research Centers
(by S. Sallent and C. Sans)
- Innovation activities
(by J. Warehan)
- Private sector research on FIRE
(by J.J. Delgado and N. de Lama)
- Conclusions
- Discussion

Catalonia in FP7

	EC Budgeted (M€)	ES (M€)	CAT (M€)	% Total ES	% Total EC
FP6	15.760,70	941,93	221,45	23,51%	1,40507%
2007	4.174,94	247,02	59,88	24,24%	1,43421%
2008	5.157,78	316,29	103,33	32,67%	2,00344%
2009*	3.720,12*	270,09*	76,68*	28,39%*	2,06116%*
FP7*	13.052,85	833,40	239,89	28,78%	1,83864%

Source: CDTI

Updated: june 2010

*provisional data. Some calls results are still not available

Catalonia in FP7

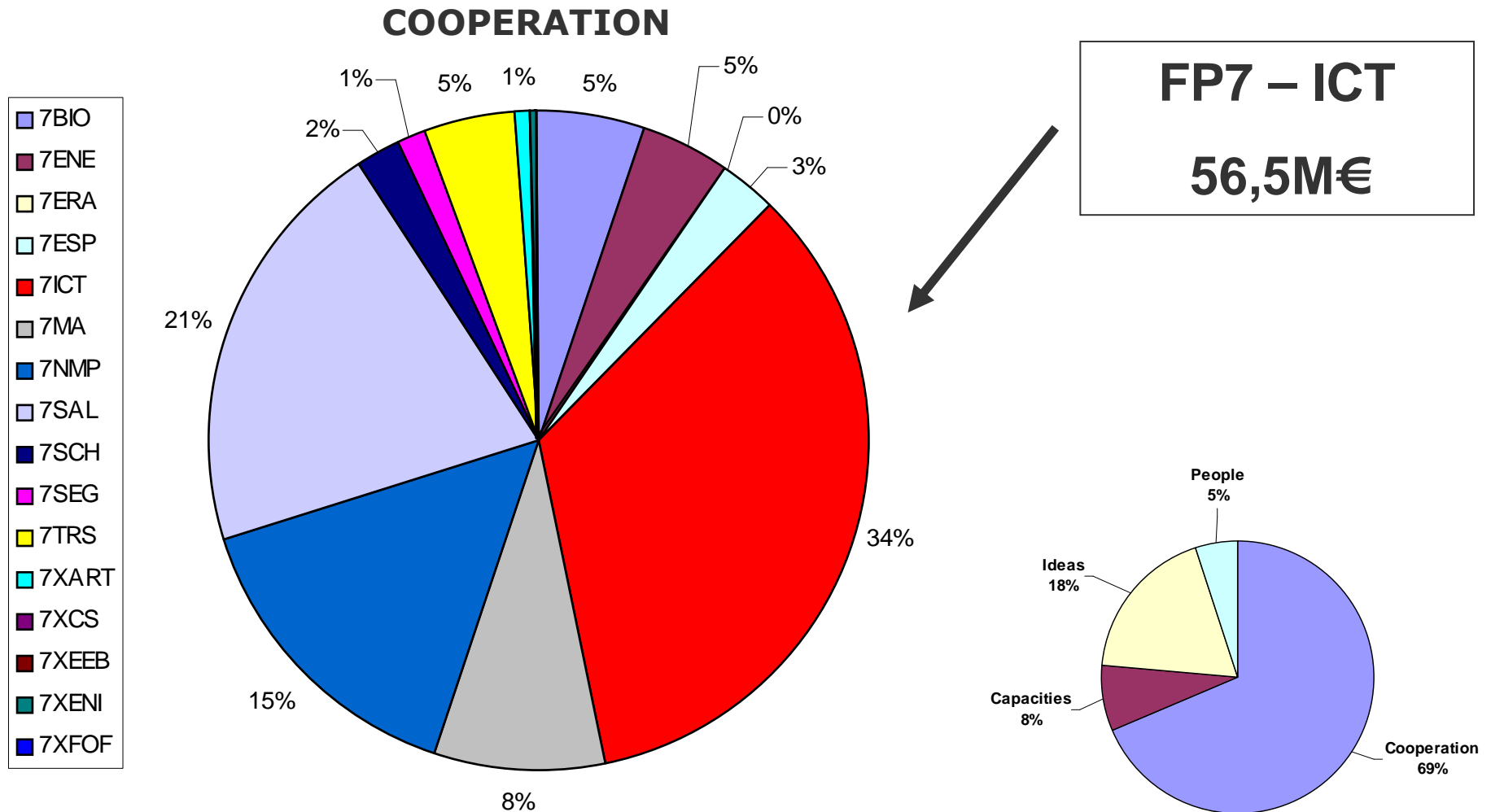
- 239,89 M€
- 593 projects (156 coordinated)
- 242 participants

Source: CDTI

Updated: june 2010

*provisional data. Some calls results are still not available

Catalonia in FP7



Catalonia in FP7 - ICT

- 56,5 M€
- 117 projects (28 coordinated)
- 55 participants

Source: CDTI

Updated: june 2010

*provisional data. Some calls results are still not available

Catalonia in FP7 - ICT

Entidad	País	N. Actividades	N. Actividades Lideradas
UNIVERSIDAD POLITECNICA DE CATALUÑA	ESPAÑA	29	5
FUNDACION BARCELONA MEDIA UNIVERSIDAD POMPEU FABRA	ESPAÑA	13	5
UNIVERSIDAD POMPEU FABRA	ESPAÑA	7	1
BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACION (MARENOSTRUM)	ESPAÑA	7	3
INSTITUTO DE CIENCIAS FOTONICAS	ESPAÑA	9	2
UNIVERSIDAD DE BARCELONA	ESPAÑA	6	1
STARLAB BARCELONA, S.L.	ESPAÑA	6	2
CENTRE TECNOLOGIC DE TELECOMUNICACIONS DE CATALUNYA (CENTRO TECNOLOGICO DE TELECOMUNICACIONES DE CATALUÑA)	ESPAÑA	7	0
INTELLIGENT SOFTWARE COMPONENTS SA	ESPAÑA	4	0
MEDIAPRODUCCION, S.L.	ESPAÑA	3	1
SYSTELAB TECHNOLOGIES SA	ESPAÑA	1	1
UNIVERSIDAD AUTONOMA DE BARCELONA	ESPAÑA	5	0
UNIVERSIDAD ROVIRA I VIRGILI	ESPAÑA	3	1
CENTRE INTERNACIONAL DE METODES NUMERICCS DE ENGINYERIA	ESPAÑA	2	2

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Source: CDTI

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Participants with more than 1M€ funding

Catalonia in FP7 - ICT

TIPO DE ENTIDAD	Subvención	
	Euros	% Total
ADMINISTRACION PUBLICA	1.034.080	1,83%
ASOCIACION	1.118.513	1,98%
ASOCIACION DE INVESTIGACION	5.875.359	10,40%
CENTRO DE INNOVACION Y TECNOLOGÍA	8.443.753	14,95%
CENTRO PUBLICO DE INVESTIGACION	5.836.968	10,33%
CONSORCIO	0	0,00%
EMPRESA	13.804.003	24,43%
ORGANIZACION COMUNITARIOS	0	0,00%
PERSONA FISICA	0	0,00%
UNIVERSIDAD	20.381.406	36,08%
TOTAL:	56.494.082	
PYMES	9.039.633	65,49%

* PYMES: empresas < 250 empleados

Source: CDTI

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Programa d'impuls a la participació de Catalunya al 7è Programa Marc d' R+D

EIX 1: DEFINICIÓ DE L'ESTRATÈGIA.

1. Xarxa Catalana de Contact Points.
2. Anàlisi de la participació catalana al Programa Marc i el seu impacte.
3. Oficina de Brussel·les.

EIX 2: CAPACITACIÓ I PROFESSIONALITZACIÓ

4. Programa de Formació.
5. Programa d'incorporació de tecnòlegs i gestors.

EIX 3: R+D EMPRESARIAL A TRAVÉS D'AGENTS TRACTORS

6. Línies de finançament.
7. Internacionalització de TECNIO.
8. Programa de Missions Tecnològiques.
9. Programa ERANETs.
10. Programa de diagnosi de la internacionalització dels projectes catalans d'R+D.
11. Altres Espais de Col·laboració Europea.

EIX 4: DIFUSIÓ

12. Jornada R+D+I Europea a Catalunya.

TECNIO

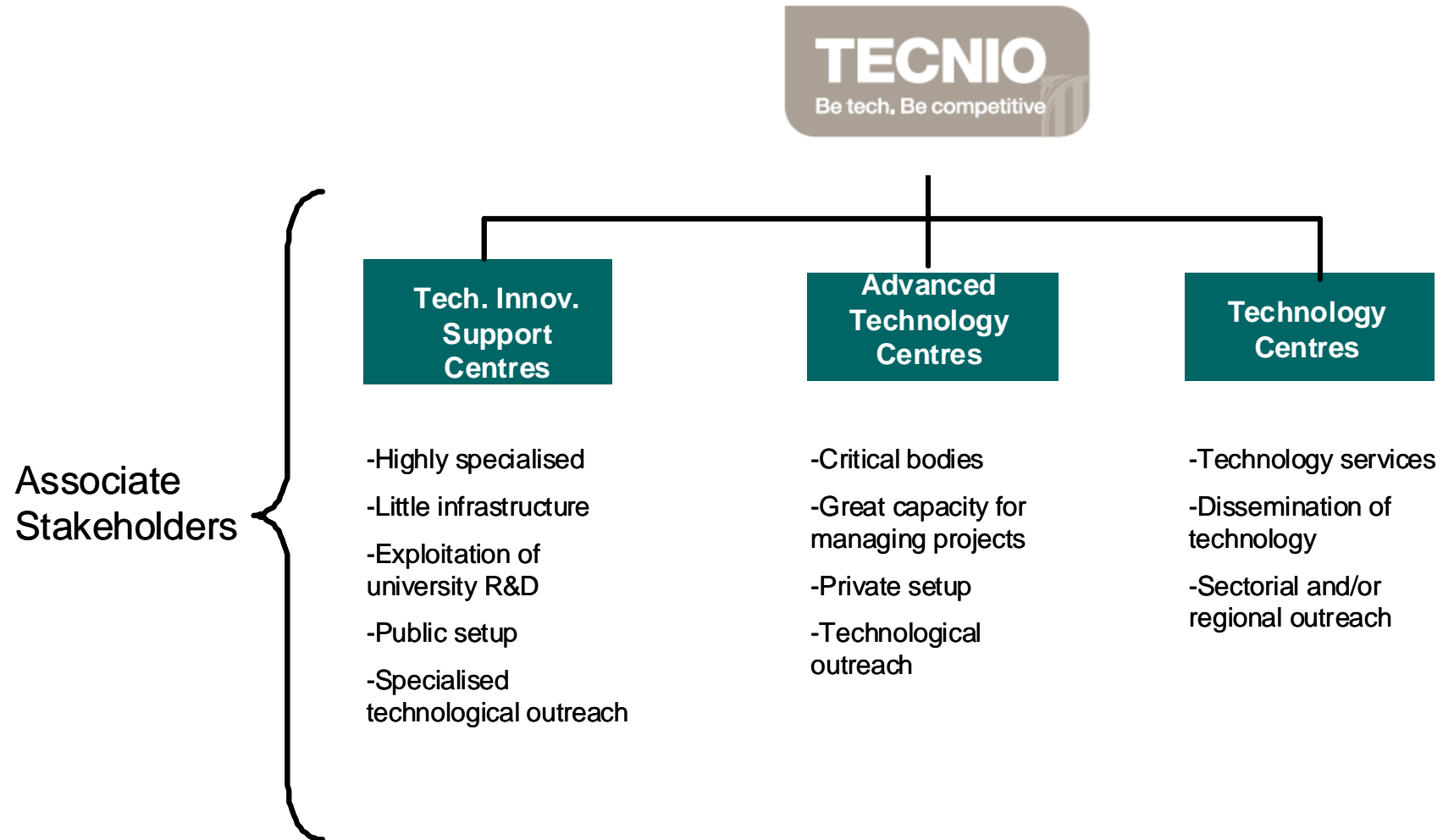
Be tech. Be competitive

About TECNIO:

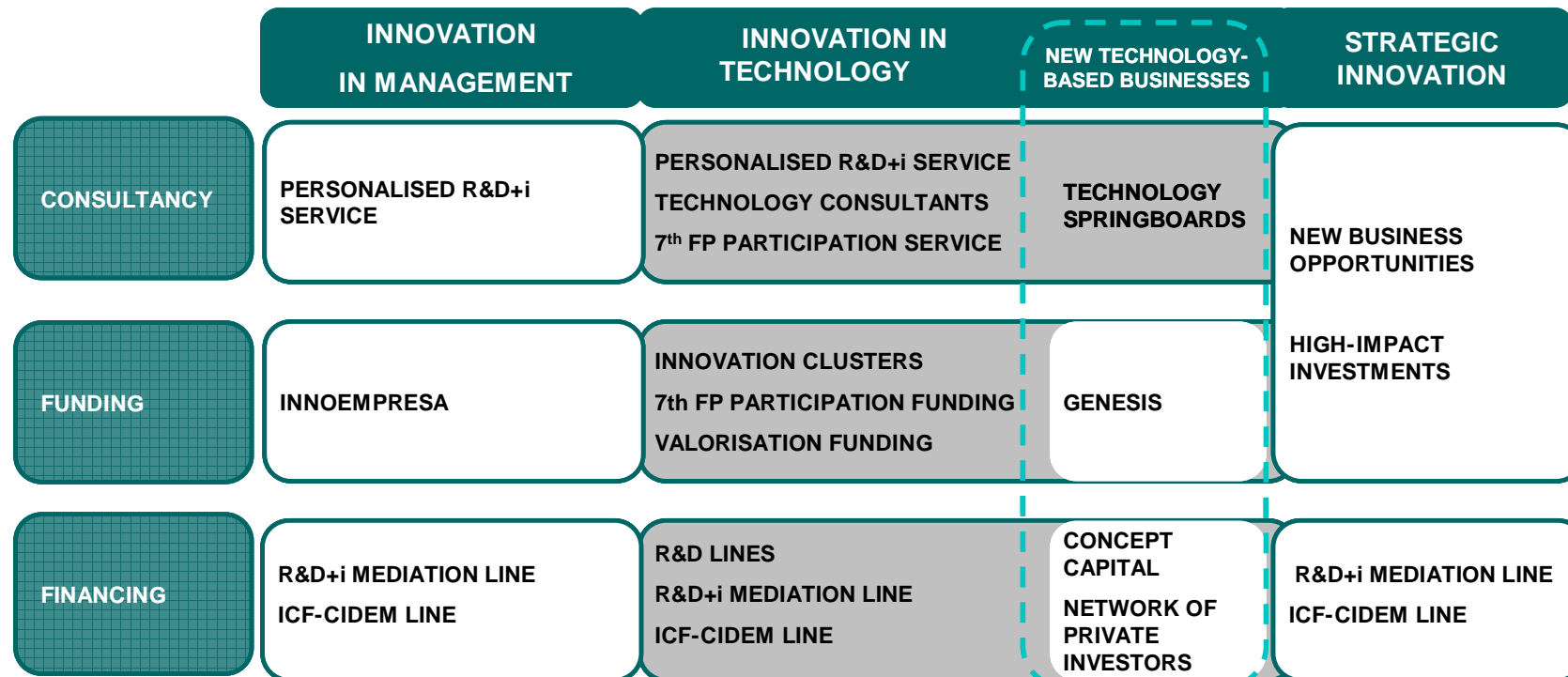
created by the agency ACC10, technology transfer stakeholders in Catalonia operate under this brand, so that they are more visible and accessible to businesses.

Mission:

to consolidate and promote the technology transfer model in Catalonia, favour the creation of a Catalan technology market that makes businesses competitive and to serve as a springboard to give its members international outreach.



Instruments in line with XTC



Technology Clusters: €18 M

Added Value Programme: €5 M

R&D line of loans: +€100 M

Concept Capital: €4 M

Attracting businesses to Parks: €10 M

- Empowerment from the **Public** sector:



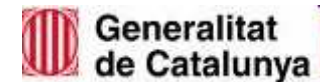
- **CDTI** agency from the Spanish Government



- **ACC1Ó** from the Regional Government:

- TECNIO program

- Coordination of public/private technology centers working together with a common strategy



- Deployment of fiber infrastructures along the country by **Telecom Secretariat** (Reg. Government)

- Several **Barcelona Council** initiatives:



- 22@ ICT district (telecom infrastructures -dark fiber-, joint deployment, attraction for private/public ICT investments)



- Barcelona activa as engine for entrepreneurship and innovation



- IMI Barcelona projects as drivers

- Education, Energy and Health as a targeted areas for ICT in FIRE

- The Private sector is also pushing hard in Future Internet research in Catalunya:



- ATOS Origin, including Tempos21
- Telefonica R+D+I as a pool of talent attraction for Internet experts



- Yahoo! Research, one of the top centers in information retrieval



- Alcatel-Lucent RD Labs –Barcelona-



- INDRA research



- Orange RD Spain –Madrid-Barcelona-



- Vodafone RD –Madrid, Spain-

Group Research & Development



- National media companies (MediaPro, Activa Multimedia, Cromosoma, Lavinia, CCMA, ...)

- Strong and specialized Universities and Research/Technological centers in the area:

- **Universities** leaders in EU-funded projects:



- UPF: content and application-oriented research
 - UPC: engineering and technical research
 - Esade: a new pool on innovation management in the area

- **Technology Centers** as P-P Partnership realities:



- Barcelona DIGITAL (BIGITAL)
 - Internet and Digital Innovation in Catalunya (Fi2CAT)
 - Barcelona Media Innovation Center (CIBM)



- **Research Centers** with international impact:



- Centre Tecnològic de Telecomunicacions de Catalunya (CTTC)
 - The Institute of Photonic Sciences (ICFO)
 - Internet Interdisciplinary Institute (IN3)



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- An interesting mix of talent, innovation and excellence have merged in Catalonia
- Public-Private-Partnership is becoming a reality: a wide set of powerful actors are converging in projects and initiatives
- Citizenship is also involved in the innovation process as a central target