

European Technology Platform *for the future of* textiles *and* clothing



European Technology Platform

Supporto Ricerca e Innovazione per le imprese tessili

Mauro Scalia

EURATEX

Textile Innovation day po.in.Tex , Biella , 8/6/2012

ETP attività

European
Technology
Platform
for the future of
textiles
and
clothing



Realizzare una visione



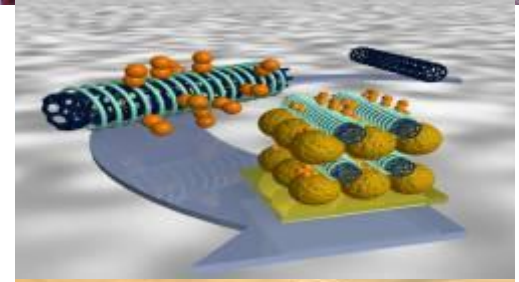
Visione

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clothing



Trends di sviluppo

- verso **prodotti specifici** (alto contenuto tecnologico/valore) vs. prodotti di largo consumo (commodities)
- **I tessili come materiali di base** in nuovi settori e per nuove applicazioni.
- **Personalizzazione** dei prodotti, (mass customization) produzione su richiesta
- Innovazione in: **efficiente uso delle risorse**, tecnologie a basso impatto ambientale, prodotti sicuri e senza rischi per la salute del consumatore





Realizzare una visione



2 strumenti per le imprese:

TEPPIES



ETTMa



Cosa è?

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and
clothing



TEPPIES



Condivisione di proposte R&D e
ricerca partners

Come funziona

European Technology Platform
for the future of
textiles and clothing



TEPPIES



Idee

Bandi



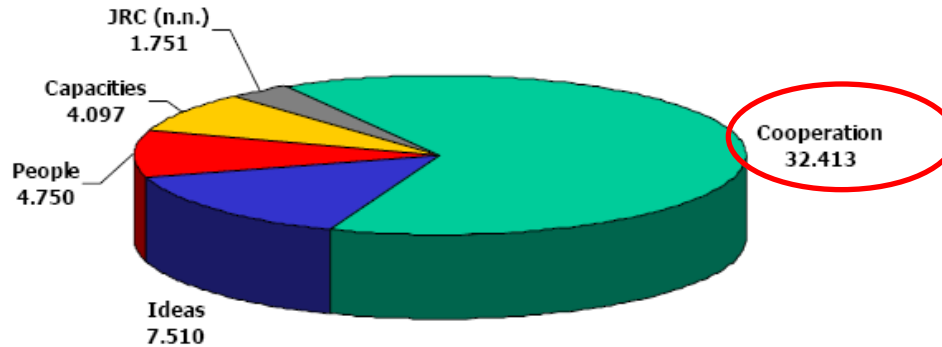
idee progetto,
manifestazioni di interesse



Proposte di
collaborazione

TEPPIE		EG		TEPPIE		EG													
Prime proposal	Key ITN	Full proposal	Key ITN	EC work	Non-comit.	EC work	Non-comit.												
<p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information</p> <p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information</p> <p>European Technology Platform for the Future of Textiles and Clothing</p> <p>Textile Project Proposal Information Exchange System (TEPPIES)</p> <p>Expression of Interest for Preparation of a Project Proposal</p> <p>TEPPIES call n° 01-2007</p> <table border="1"> <thead> <tr> <th>Call Identification</th> <th>Call n°</th> <th>Opening Date</th> <th>Closing Date</th> </tr> </thead> <tbody> <tr> <td>TEPPIES</td> <td>01-2007</td> <td>26/01/2007</td> <td>23/03/2007</td> </tr> <tr> <td>EC</td> <td>FP7-NMP-2007-SME-1</td> <td>22/12/2006</td> <td>04/05/2007</td> </tr> </tbody> </table>								Call Identification	Call n°	Opening Date	Closing Date	TEPPIES	01-2007	26/01/2007	23/03/2007	EC	FP7-NMP-2007-SME-1	22/12/2006	04/05/2007
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<p>Project Information</p> <p>Project acronym (optional)</p> <p>Full project working title</p> <p>EC work/programme topic</p> <p>(Non-confidential abstract (max. 200 words):</p>																			
<p>Partner Search (optional)</p> <p>Search n°1 Partner type Industry/Research/Other (delete the unnecessary)</p> <p>Short description of profile (competences required, geographic origin etc., max 100 words):</p>																			
<p>Contact for the Expression of Interest</p> <p>Title Mr/Ms/Prof/Dr First name Name</p> <p>Organisation name E-mail address Direct phone number</p>																			

FP7 budget
(in billion €, total 50.521)



10 Themes

	(€ million)
1. ...	6 100
2. ... bic	
3. Information and communication technologies	9 050
4. Nanotechnologies, materials and production	3 475
5. E	0
6. E	0
7. T	0
8. S	3
9. S	0
10.	0
Total	32 413



75% - 50% co-finanziamento
comunitario tipo in progetti di ricerca
industriale

**- NMP
main features**



- NMP addresses all industrial sectors
- Stimulates strong participation of SMEs
- Promotes a multi-disciplinary approach
- Favours cooperation across the supply chain
- Two stage proposal submission (except CSA)
- Budget allocation by call (not by Activity/Area)
- Yearly updated workprogramme



Come funziona

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	European Technology Platform for the Future of Textiles and Clothing Textile Project Proposal Information Exchange System (TEPPIES)	
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Expression of Interest for Preparation of a Project Proposal

TEPPIES call n° 01-2007

Call Identification			
Call n°	Opening Date	Closing Date	
TEPPIES 01-2007	26/01/2007	28/02/2007	
EC FP7-NMP-2007-SME-1	22/12/2006	04/05/2007	
Proposer Identification			
Prime proposer organisation ¹			
Key industry partners ²			
Key research partners			
Proposal Information			
Project acronym (optional)			
Full project working title			
EC workprogramme topic ³			
Non-confidential abstract (max. 200 words):			
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Contact for this Expression of Interest			
Title	Mr/Ms/Prof/Dr	First name	Name
Organisation name			
E-mail address		Direct phone number	

TEPPIES form

Scadenze

Chi c'e'

Cosa vogliamo fare

Chi cerchiamo

Contatto



Bandi interni TEPPIES, i prossimi: 2013

Temi di interesse per l'industria/ricerca tessile



Bando

tema di ricerca

NMP.2013.2.1-1	Developing new precursors, new processing routes and functionalisations for carbon fibres
NMP.2013.3.0-1	Tools for Monitoring and Assessing Resource-efficiency in the Value Chain of Process Industries
NMP.2013.4.0-3	From research to innovation: substantial steps forward in the industrial use of European intellectual assets, stimulating the use of newly developed materials and materials technologies by the industry
FoF.NMP.2013-6	Mini-factories for customised products using local flexible production
ICT-2013.8.1	Technologies and scientific foundations in the field of creativity
EeB.NMP.2013-1	Nanotechnology for multifunctional lightweight construction materials and components
SEC-2013.1.4-1	Smart and protective clothing for law enforcement and first responders
ENV.2013.6.3-2	Eco-innovative demonstration projects
ENV.2013.WATER	INNO&DEMO-1 Water efficiency and innovation demonstration projects
OCEAN 2013.3	Innovative antifouling materials for maritime applications

Scadenze

TEPPIES: 7 Luglio

Bandi: Ottobre / Dicembre

Brokerage a Brussels 17 e 7/25 Settembre

Research Funding Textile Projects in FP6/FP7 (2006-2011)

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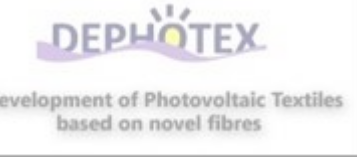


50 Projects




500+ Organisations

€ 300 million of project budget



€ 200 million EU funding



<p>PROSPIE - Protective Responsive Outer Shell for People in Industrial Environments FILIP LIETAER, BELCONFECT (BELGIUM)</p>		<p>MICRO-DRESS - Customised wearable functionality and eco-materials - Extending the limits of apparel mass customisation CHRISTIAN LOTT, DFKI (GERMANY)</p>		<p>NOTEREFIGA - Temperature Regulating Textiles FREDRIK JOHANSSON, FOV FABRICS (SWEDEN)</p>	
<p>PROSYS-LASER - Intelligent personal protective clothing for use with high-power, hand-held laser processing devices REINHARD SCHMALE, JUTEC (GERMANY)</p>		<p>CORENET - How to support networked SMEs in producing customised fashionable and healthy goods EVA COSCIA, TXT E-SOLUTIONS (ITALY) & MICHEL BYVOET, BIVOLINO (BELGIUM)</p>		<p>PLACE IT - Platform for Large Area Conformable Electronics by InTegration KOEN VAN OS, PHILIPS (NETHERLANDS)</p>	
<p>STAYCOOL - Lightweight, long endurance body cooling for fire fighters, ROBERTO VANUCCI, CENTROCOT (ITALY)</p>		<p>FASHION-ABLE - New technologies for customized healthy clothing, footwear and orthotics for consumers with highly individualised needs JOSÉ OLASO, IBV (SPAIN) & TIMO SCHMELTZPFENNING, BSN MEDICAL (GERMANY)</p>		<p>PASTA - New electronic packaging concepts for smart textiles RUNE JERVIDALO, PEPPERMINT HOLDING (GERMANY)</p>	
<p>INTIMIRE - Development of intumescent polyester and polypropylene fibres for building and transport applications : potential industrial development MOÏSE VOUTERS, ENSAIT (FRANCE)</p>		<p>MYWEAR - Customized Green, Safe, Healthy and Smart Work and Sports Wear HELDER ROSENDO, CITEVE (PORTUGAL)</p>		<p>PROFITEX - Facilitating communication and situational awareness in fire fighting missions MOHIT RAINA, ITA-RWTH AACHEN (GERMANY)</p>	
<p>NANO BOND - Entering the medical market through European research ALAIN LANGEROCK, DEVAN CHEMICALS (BELGIUM)</p>		<p>FIBRE CHAIN - Integrated Process Chain for Automated and Flexible Production of Fibre-Reinforced Plastic Products JOFFREY STIMPL, FRAUNHOFER-IPT (GERMANY)</p>		<p>MICROFLEX - New emerging technologies for smart textile application KONSTANTIN ASTAFIEV, MEGGITT A/S (DENMARK)</p>	
<p>BACTERIOSAFE - Active wound dressings based on biological mimicry GUY BUYLE, CENTEXBEL (BELGIUM)</p>		<p>MAPICC 3D - One-shot Manufacturing on large scale of 3D up graded panels and stiffeners for lightweight thermoplastic textile composite structures CAROLE MAGNIEZ, ENSAIT (FRANCE) & XAVIER THIERRY, DYLCO (FRANCE)</p>		<p>MODSIMTEX - Development of a rapid configuration system for textile production machinery, JOSÉ ANTONIO TORNERO, INTEXTER-UPC, (SPAIN), JOAN PEIG, INFORMATICA TEXTIL S.L. (SPAIN)</p>	
<p>SONO - Towards the Future Hospital in which all the Textiles will be Antibacterial AHARON GEDANKEN, BAR ILAN UNIVERSITY (ISRAEL) & ANTONIO ANDRETTA, KLOPMAN (ITALY)</p>		<p>BIOAGROTEX - agrotextiles from renewable resources : demonstrators and commercialisation approach LUC RUYSS, CENTEXBEL (BELGIUM), IVES SWENNEN, BONAR TECHNICAL FABRICS (BELGIUM)</p>		<p>NEW PROJECT SNAPSHOTS: ECOMETEX - Ecodesign methodology for recyclable textile coverings used in the European construction and transport industry YVES GLOY, ITA-RWTH AACHEN (GERMANY)</p>	
<p>NO BUG - Novel release system and bio-based utilities for mosquito repellent textiles and garments LIEVA VAN LANGENHOVE, GHENT UNIVERSITY (BELGIUM) & JEAN LUC DERYCKE, UTEXBEL (BELGIUM)</p>		<p>NATEX - Aligned Natural fibres and textiles for use in structural composite applications - Case studies VALENTIN POLO, AIMPLAS (SPAIN) & MARGARETE GÖDEL, CEMO (GERMANY)</p>		<p>AT~SEA - Advanced textiles for open sea biomass cultivation, BERT GROENENDAAL, SIOEN INDUSTRIES (BELGIUM)</p>	
				<p>POWERWEAVE - Energy Independence in a Textile Form, IAN JONES, TWI LTD. (UNITED KINGDOM)</p>	



Esempi di progetti in corso

Gli Esperti registrati della ETP possono accedere alle relative presentazioni recenti sul sito www.textile-platform.eu

ETTMa



European Textile Technology Marketplace

Il concetto

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- ETTMa= Incontro domanda & offerta di tecnologie (ispirato dal successo dei TEPPIES)
 - Sfrutta il network come Open Innovation Platform (*crowd sourcing*)
 - Consente:
 - alle aziende di trovare **tecnologie innovative in Europa**,
 - alla Ricerca di **testare/validare risultati** con aziende europee
-

1) bando

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Segretariato ETP

ETP Network

2) Risposte

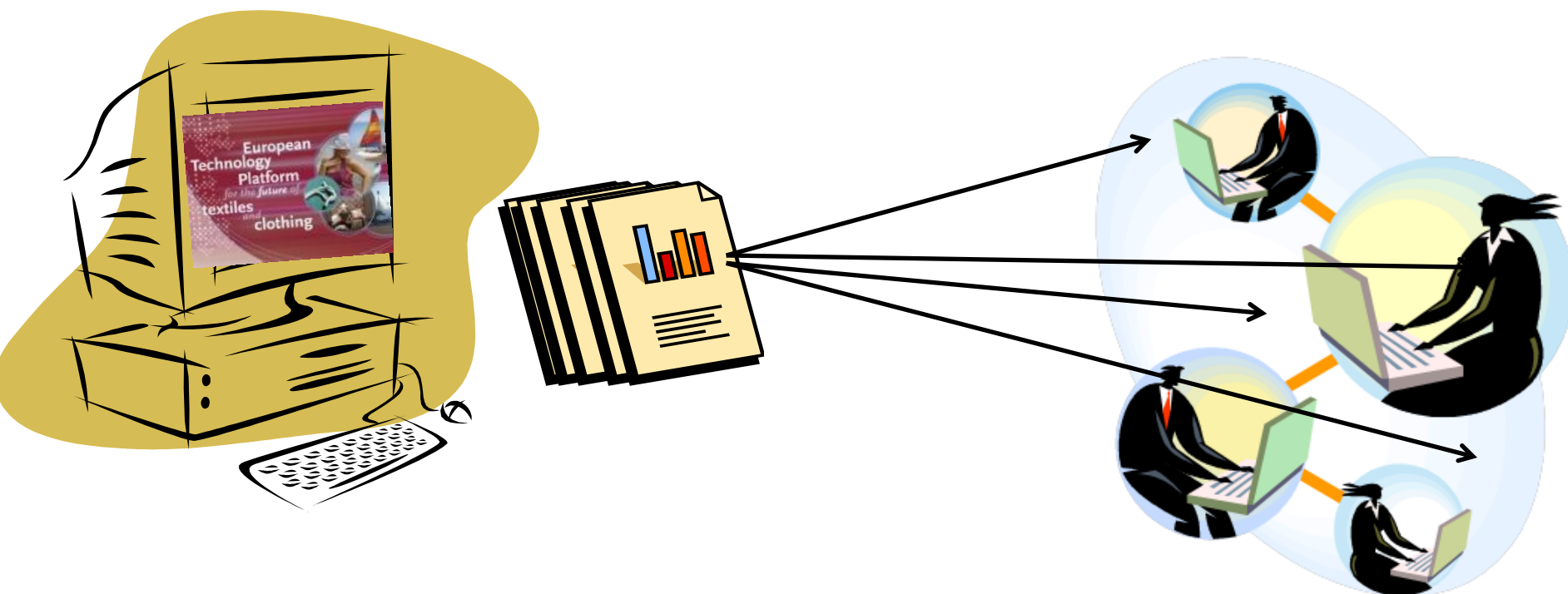


Segretariato ETP

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3) diffusione

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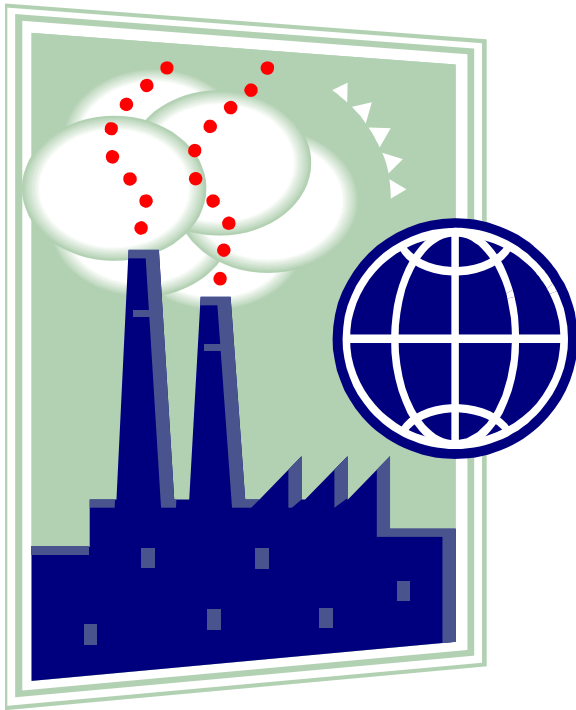


Segretariato ETP

ETP Network

4) Interazione

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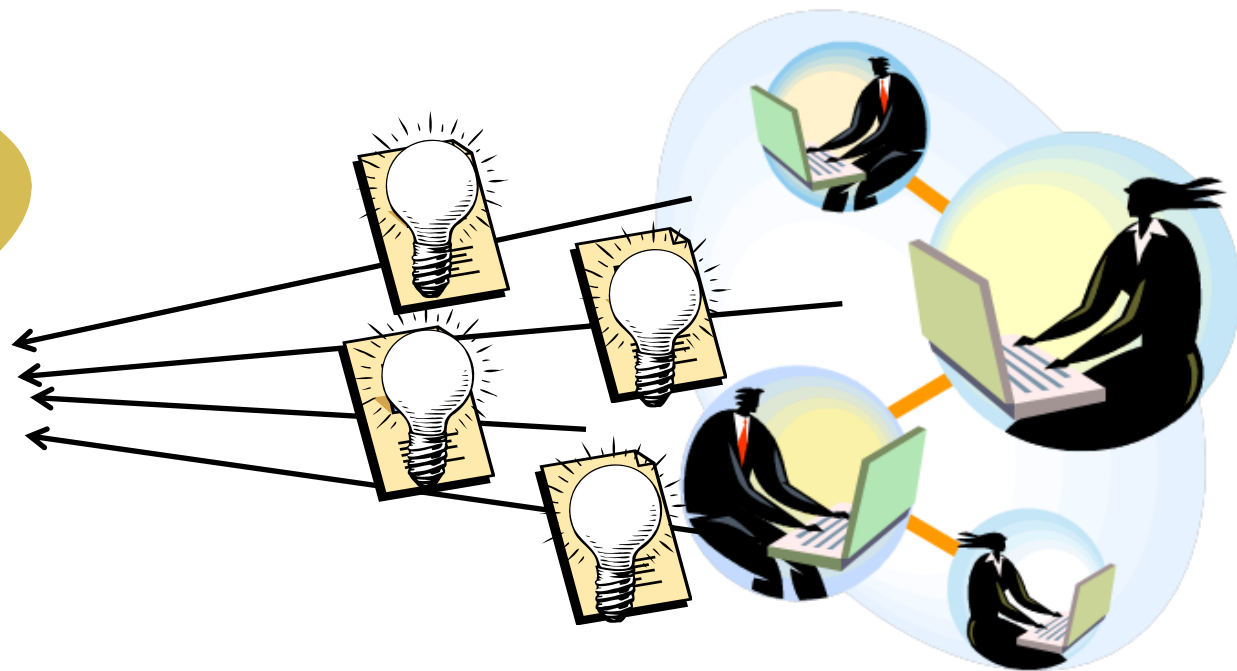


Azienda

Org. di Ricerca

5) Risposte II

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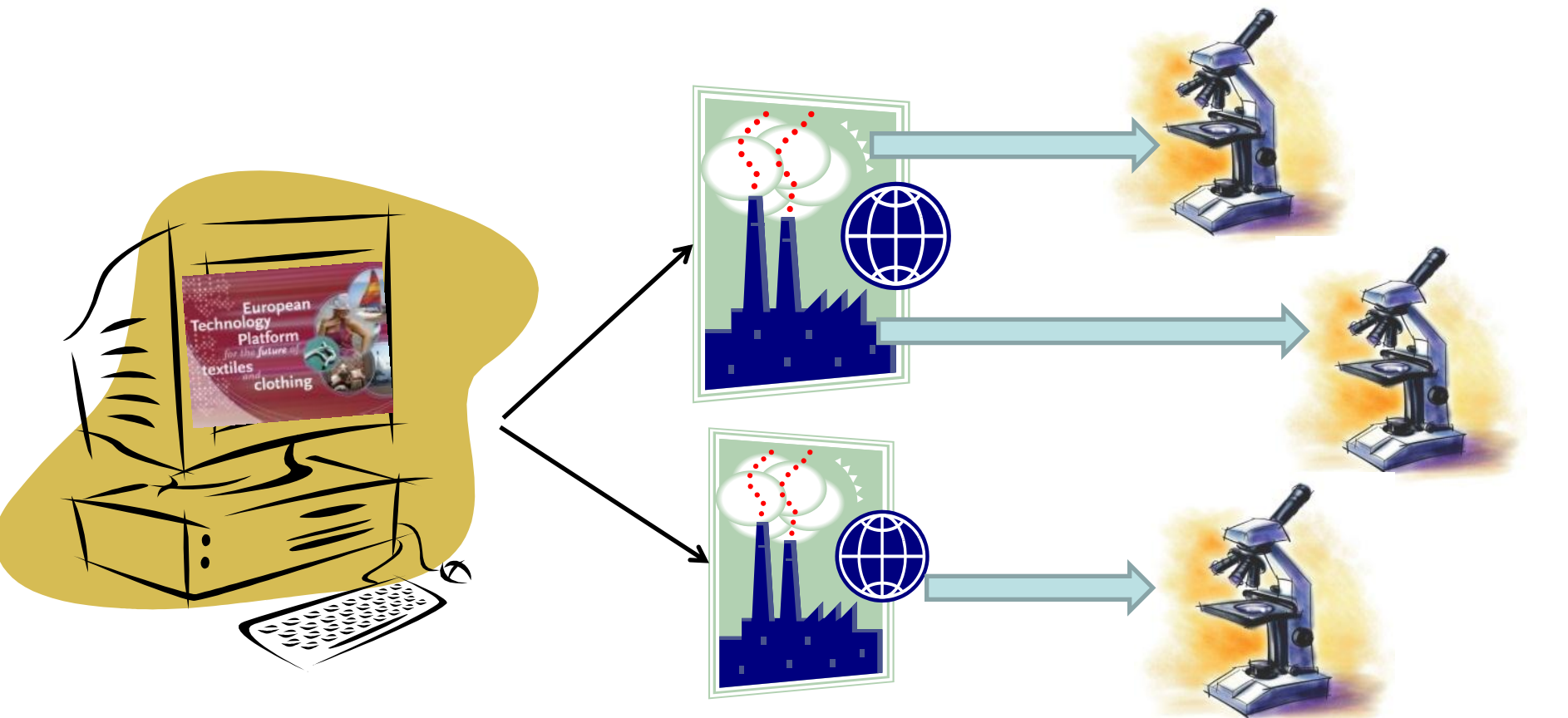


Segretariato ETP

Org. di Ricerca

6) Interazioni II

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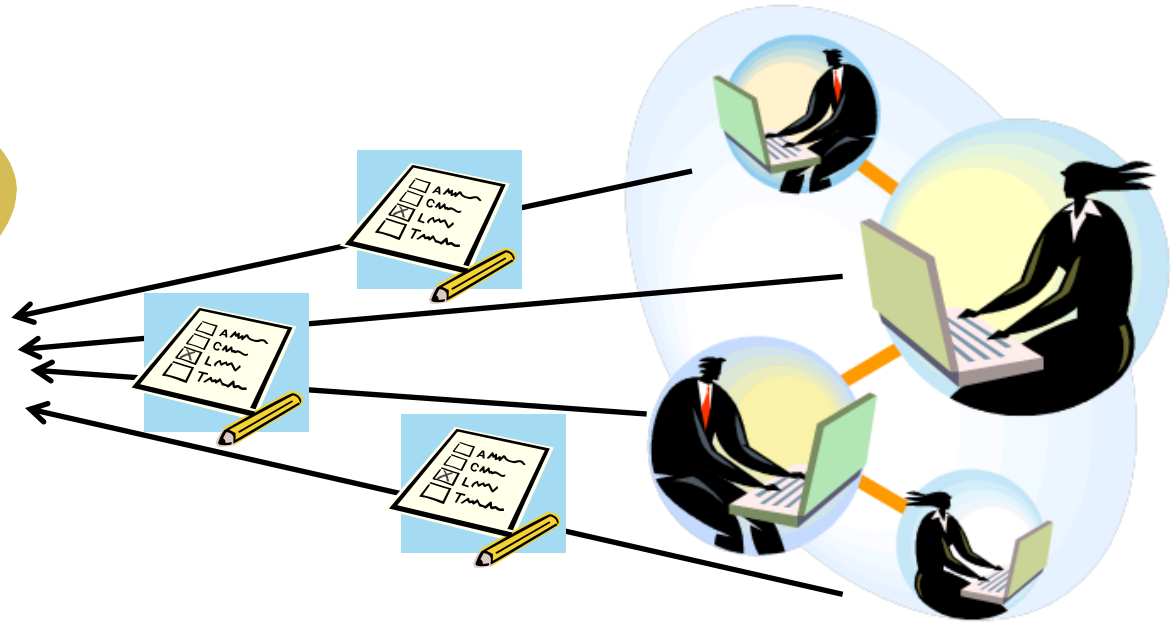
ETP segretariato

Aziende

Ricerca

7) valutazioni

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Segretariato ETP

ETP Network

ETTMa – 1^a call

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- **Call aperta Ottobre 2011**
- **Scadenza Dicembre 2011**

Risultati I:

- **61 risposte valide** (54 offerte di tecnologie, 7 richieste dell'industria)



Risultati II:

- **18 risposte a 6 richieste-industria**
- Inviare alle aziende primi di Febbraio (feedback richiesto in 2 settimane)

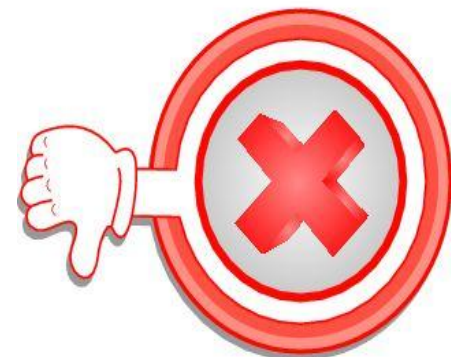


Valutazione dei risultati



Risultati I:

- Meccanismo largamente compreso
- Alcune offerte su competenze piuttosto che su soluzioni
- Reazione “timida” da parte dell’industria (azioni: comunicazione, chiarimenti)
- Grande potenziale da organizzazioni di ricerca non ancora attive- (solo 7 membri della federazione Textranet!)



Valutazione dei risultati

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Risultati II (risposte Industria 54 proposte Tech.):

- Monitoraggio ETP difficile (contatti bilaterali)
- Assessment dalla Ricerca: bassa risposta dell'industria, interesse a migliorare nella prossima call

Risultati II (proposte Tech a 7 richieste Industria):

- 6 richieste su 7 ricevono un offerta
 - 3 follow-up con almeno 1 offerta
 - 1 no follow-up,
 - 2 non ancora definito



ETTMa – 2^a call

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- Call aperta Aprile 2012
- Scadenza 15 Giugno 2012

Miglioramenti:

- Necessaria + partecipazione Industria (ruolo importante di associazioni & clusters, e membri **Textranet**)
 - Migliore descrizione delle offerte di tecnologia (dati concreti; no descrizioni scientifiche)
 - Possibili brokerage (dopo la 2^a call)
-



Conclusioni

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Realizzare una visione

2 strumenti per le imprese:

- Nuove conoscenze
- Nuove collaborazioni lungo la filiera
- No barriere all'entrata

TEPPIES



ETTMa



le aziende del polo possono iscriversi e partecipare

Contacts

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