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REGIONE AUTONOMA
FRIULI VENEZIA GIULIA

**Progettare una proposta UE
&
Simulazione su call aperte**

Dedicated to Success

Argomenti

- **Parte I: come scegliere gli strumenti giusti**
 - Case Study: più sovvenzioni per 1 obiettivo strategico
- **Parte II: sviluppo e progettazione di una proposta**
 - Fasi di progettazione con esempio



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Parte I

Come scegliere gli strumenti giusti

Dedicated to Success



Perchè Programmi di finanziamento UE ?



Aziende / Università / Enti:

Guadagno / miglioramento!

- Aumentare profitti
- Rafforzare innovazione
- Incrementare efficienza
- Ridurre costi
- Formazione personale
- Migliorare immagine
- Entrare in nuovi mercati
- Rafforzare collaborazione politica
- Etc

UE:

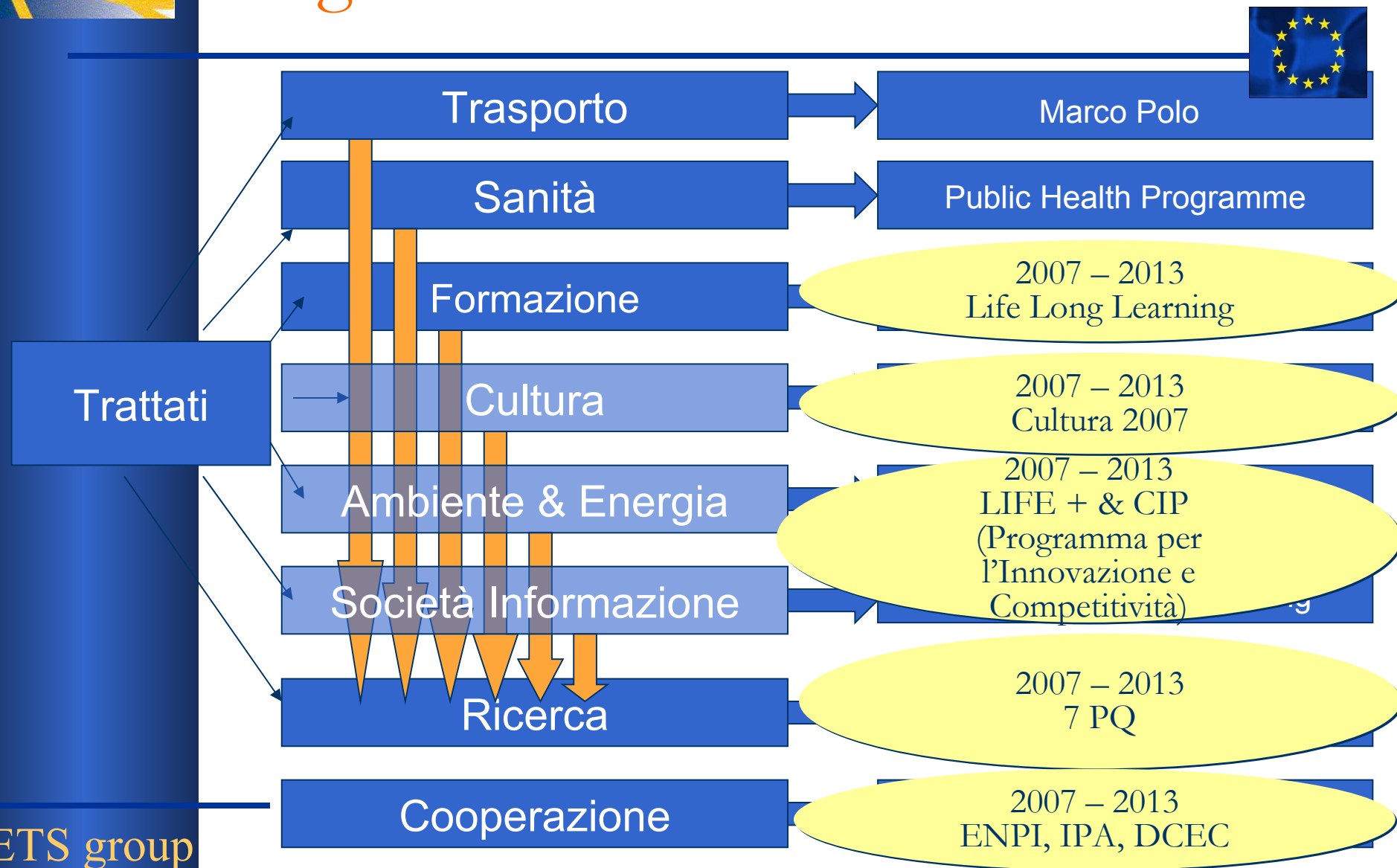
Soldi pubblici per obiettivi della comunità!

- Rafforzare l'economia
- Creare/mantenere posti di lavoro
- Migliorare l'ambiente
- Rafforzare l'Innovazione
- Ridurre l'uso di energia
- Economia della conoscenza
- Migliorare posizione di esportazione
- Ottimizzare reti Europee



Chi riesce a combinare gli obiettivi della sua organizzazione con quelli politici della UE potrà usufruire dei fondi Europei!

Esempi Politica Europea – Programmi di finanziamento



FP7 Structure....



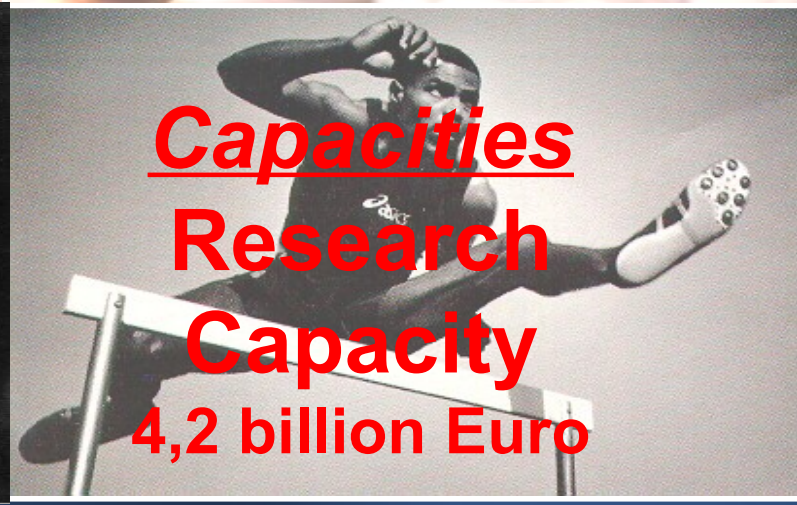
Cooperation
**Collaborative
research**
32,3 billion Euro



Ideas
**Frontier
Research**
7,5 billion Euro



People
Marie Curie
4,7 billion Euro



Capacities
**Research
Capacity**
4,2 billion Euro

Top Down against – Bottom-up



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Top Down

Cooperation

Health

Food, agriculture and
biotechnology

Information and
communication
technologies

Nanosciences, nanotech-
nologies, materials & new
production technologies

Energy

Environment (including
climate changes)

Transport (including
aeronautics)

Socio-economic sciences
and humanities

Security and Space

Ideas

People

Inspiration
from
priorities

Capacities

European Research Council

Initial training

Life-long training

Industry-academia

International dimension

Specific actions

Research infrastructures

Research for the benefit of SMEs

Region of knowledge

Research potential

Science in society

Coherent development of
research policies

International co-operation

Non-nuclear actions by the Joint Research Centre

Bottom-Up



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Case Study

- Più sovvenzioni per 1 obiettivo strategico –

*Evitare approcci “ad hoc”
Uso di sovvenzioni UE per costruire reti
europee sostenibili
Un diamante ha molte sfaccettature*

Model based process control: Networking



Vision: Model Centred
Process Engineering, control
& optimisation



1998

GROWTH INCOOP
Integrated process unit control and plantwide optimisation



1999

IMS – GROWTH INCOOP
Integrated process unit control and plantwide optimisation
2,33 M €



2000

CRAFT COMPTrol
Ceramics and its Optimised maNuFacturing
with model predictive ConTROL
1 M €



2003

IP MATCH
model centric technology for process engineering,
advanced process control, process maintenance and logistics
12,4 M €



2004

Marie Curie RTN PROMATCH
Multidisciplinary Academic - industrial collaboration in
research & training through SME teCHnology developers
2 M €



technische Universiteit Delft





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Parte II

Sviluppo e progettazione di una proposta

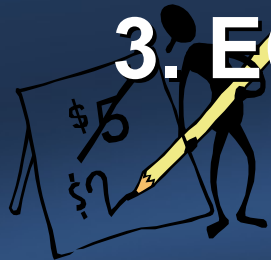
Dedicated to Success

EU Project Development



1. Investigation phase

2. Project development phase



3. EC and national contract negotiation

4. Project execution phase



Investigation phase



Development stages

Contributions

	PM	Prime Partner	Partners
•Investigate organisations strategy	XX		
•Define project idea(s)	X	XX	(XX)
•Identify potential partners	XX	XX	X
•First investigation state of the art	XX	XX	XX
•Identify degree of innovation	X	XX	(XX)
•Match funding programme	XX	X	(X)
•First outline project	XX	XX	
•Contact/search potential partners	XX	XX	(X)
•Assessment funding possibilities	XX	X	
•Consultation funding organisation	XX	XX	



Sviluppo del progetto /1

- Analisi attività e strategie
- Valutazione spunti progettuali
- Esame programmi EC
- Approfondimenti:
 - Stato del art e “back-ground docs” (green papers, white papers, RTD roadmaps etc.)
 - Progetti precedenti
- Monitoraggio attività UE

Case Health: Simulazione

- PMI che sviluppa soluzioni per analisi genetici
 - Partner PMI hardware e software
 - Partner RTD: Nuovi metodi statistici

Fall-back scenario

- Altri programmi (Health, NMP, ICT)
- Ricerca mirata alle PMI:
- PEOPLE

• Match funding programme


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In the spotlight

Partners



Latest News

[Finns boost research links with China](#)

development work with China

is important because China is [investing](#) more and more in [science](#) and technology,' commented Jaani Heinonen of Tekes Shanghai. [read more](#)


[>> more news](#)

Forthcoming Events

- [FP7 energy and transport information days](#) Brussels, Belgium
[Event Date: 2007-02-13]
- [Marie Curie Actions information day](#) Brussels, Belgium
[Event Date: 2007-02-13]

[>> more events](#)

What type of user are you?

The Seventh Framework Programme (FP7) is designed to support a wide range of participants... [read more](#)

[Private company](#)
[Public organisation](#)
[Individual researchers](#)
[Outside the EU](#)

Highlights

- [Calls for proposals under the provisional work programmes of the EC FP7 and the EURATOM FP7](#)

- The European Commission has published a [draft grant agreement](#) for the Seventh Framework Programme (FP7)

- Adoption of [rules for participation](#)

What's next

- **'People' calls** expected to be published next

•Match funding programme

[Find project partners and register your profile and interest in FP7 projects](#)

→ [Register as independent experts for FP7: Evaluation, monitoring and other assistance](#)

Last updated on: 2007-02-07

- **Cooperation**

Nanosciences, nanotechnologies, materials & new production technologies (NMP)

Objective

The core objective of the 'Nanosciences, Nanotechnologies, Materials and new Production Technologies (NMP)' theme is to improve **the competitiveness of European industry and generate the knowledge needed to transform it** from a resource-intensive to a knowledge-intensive industry.

NMP [research](#) also aims to strengthen the competitiveness of European industry by **generating 'step changes' in a wide range of sectors and implementing decisive knowledge for new applications** between different technologies and disciplines.

research theme will benefit new, high tech higher-value, knowledge-based traditional industries, with a special focus to the appropriate dissemination of research results to SMEs.

Why is it important?

The transformation of **European industry** into a **knowledge-intensive** one is essential in order to produce **high added value products**, which in turn is crucial to create new industries, and meet customer requirements as well as growth, environmental, health and other societal expectations.

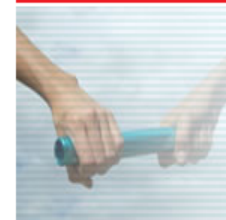
More information on other related European Commission nanotechnology initiatives [is available here](#).

What will be funded? ¹

Emphasis will be given to the following activities:

- **Nanosciences and nanotechnologies** - studying phenomena and manipulation of matter at the nanoscale and developing nanotechnologies leading to the manufacturing of new products and services.

- Cooperation Home
- Health
- **Food, Agriculture and Fisheries, Biotechnology**
- Information & communication technologies
- **Nanosciences, nanotechnologies, materials & new production technologies**
- Energy
- Environment (including Climate Change)
- Transport (including aeronautics)
- Socio-economic Sciences and the Humanities
- Space
- Security



- Match funding programme

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- **Ideas:** 2006-12-22: [ERC-2007-StG](#)
- **People:** 2006-12-22: [FP7-PEOPLE-2007-1-1-ITN](#), [FP7-PEOPLE-2007-2-2-ERG](#), [FP7-PEOPLE-2007-4-3-IRG](#), [FP7-PEOPLE-2007-5-1-1-NIGHT](#) and [FP7-PEOPLE-2007-5-2-AWARDS](#)
- **Structures:** 2006-12-22: [FP7-INCO-2007-1](#), [FP7-INCO-2007-RASTRUCTURES-2007-1](#), [FP7-REGIONS-2007-1](#), [FP7-REGIONS-2007-2](#), [FP7-REGIONS-2007-3](#), [FP7-REGPOT-2007-1](#), [FP7-REGPOT-2007-2](#), [FP7-REGPOT-2007-3](#), [FP7-REGPOT-2007-4](#), [FP7-SCIENCE-IN-SOCIETY-2007-1](#), [FP7-SME-2007-1](#), [FP7-SME-2007-2](#) and [FP7-SME-2007-3](#)
- **Euratom:** 2006-12-22: [FP7-Fission-2007](#)

Latest Calls Information

- 2007-01-08: [Draft grant agreement](#) -

Search

Search term(s):

[View and Select FP7 Activity Codes](#)**Activity Areas' Calls****Cooperation**

- [Health](#)
- [Food, Agriculture and Fisheries, and Biotechnology](#)
- [Information and Communication Technologies](#)
- [Nanosciences, Nanotechnologies, Materials and new Production Technologies](#)
- [Energy](#)
- [Environment \(including Climate Change\)](#)
- [Transport \(including Aeronautics\)](#)
- [Socio-economic sciences and Humanities](#)
- [Space](#)
- [Security](#)
- [General Activities - Annex IV](#)

Ideas

- [ERC](#)

People

- [PEOPLE](#)

Capacities

- [Research Infrastructures](#)
- [Research for the benefit of SMEs](#)
- [Regions of Knowledge](#)
- [Research Potential](#)
- [Science in Society](#)

•Match funding programme

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Calls**Nanosciences, Nanotechnologies, Materials and new Production Technologies**

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Theme 4 – NMP - Nanosciences, Nanotechnologies, Materials and new Production Technologies**Identifier:** [FP7-NMP-2007-SMALL-1](#)**Publication date:** 22 December 2006**Budget:** [€](#) 105 723 000**Deadline(s):** 04 May 2007 at 17:00 (Brussels local [time](#))
13 September 2007 at 17:00 (Brussels local time) -**OJ Reference:** [C510 of 22 December 2006](#)**Programme:** [Cooperation]**Thematic area:** [Nanosciences, Nanotechnologies, Materials and new Production Technologies]**Restrictions to Participation:** see eligibility criteria in the Work Programme**Additional Information:** [Indicative budget 2008 \(Million €\)](#)**Preparation and Submission of Proposals:**

Proposals for indirect RTD actions are invited to be submitted only as an [electronic](#) proposal via the web-based [Electronic Proposal Submission System](#) (EPSS).

All proposals for indirect RTD actions must contain two parts: the administrative forms (Part A) and the content (Part B).

Proposals for indirect RTD actions must be prepared and submitted on-line. Part B of proposals for indirect RTD actions can only be submitted in PDF format ('portable document format', compatible with Adobe Version 3 or higher with embedded fonts). Compressed ('zipped') files will be excluded.

The [EPSS](#) software tool is expected to be available for this call from 19 March 2007. Proposals for indirect RTD actions that are submitted on-line and which are incomplete, illegible or

•Match funding programme



Further details on the proposal submission procedure are given in the Guide for Applicants for this call.

Information Package:

In order to receive a complete Information Package for this call, you will need to select the following elements:

1. The call fiche (only available in .pdf format)
2. The work programme (.pdf format)
3. FP7 factsheets in your preferred language - an overview of the basic features of this programme (.pdf format)
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Documents can be downloaded or sent to you by email. For the latter option, please insert your email address in the box provided.

N.B. This call for proposals relates to the provisional Cooperation work programme adopted by Commission Decision C(2006)6839 of 21 December 2006. This provisional work programme is subject to formal confirmation following the entry into force of the 7th Framework Programme and the Specific Programme and is consequently subject to possible changes. This confirmation will be published in the Official Journal.

•Match funding programme

Call Fiche

Language: English

File Type: pdf

Download

Email:

E-mail

Work Programme

Language: English

File Type: pdf

Download

Email:

E-mail

Work Programme -General introduction

Language: English

File Type: pdf

Download

Email:

E-mail

7PQ – SCHEDA Nanoscienze, Nanotecnologie, Materiali e Nuove Produzioni



Budget

€3. 5 miliardi tra 2007-2013

Obiettivi

1. “Step-change” per le nuove applicazioni nell’incontro fra le tecnologie e le discipline differenti (R&D che genera un alto valore-aggiunto prodotti/processi)
2. Integrazione di nano-tecnologia, di scienze dei materiali, del design e di nuovi metodi di produzione per massimizzare l’impatto per la trasformazione industriale e per supportare la produzione e il consumo sostenibile

Structure

3. attività tematiche: 1. Nanoscienze & Nanotecnologie, 2. Materiali, 3. nuove tecnologie di produzione. 1 attività trasversali ‘Integration’ che integra i risultati da altre 3 attività. ‘Integration’ specialmente mirato alle PMI. Anche chiamata congiunta con altre tematiche del 6PQ. Priorità da stabilire in programmi annuali.

1st Call opening

Dicembre 2006, 2-stage-process per la presentazione delle proposte.

Scadenza

FP7-NMP-2007-CSA-1: 05/06/07

FP7-NMP-2007-LARGE-1: 1st stage: 04/05/07, -> deadline 2nd stage: Oct 07

FP7-NMP-2007-SMALL-1: 1st stage: 04/05/07, -> deadline 2nd stage: Oct 07

FP7-NMP-2007-SME-1: 1st stage: 04/05/07, -> deadline 2nd stage: Oct 07

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7PQ – NMP



4.1. Nanosciences and Nanotechnologies

- 1.1-1 Nano-scale mechanisms of bio/non-bio interactions
- 1.1-2 Self assembling and self organisation
- 1.1-3 Archives of nanoscience publications
- 1.2-1 Pilot lines to study and develop nanotechnology-based components
- 1.2-2 Portable devices for measurement and analysis (health & environment)

- 1.3-1 Specific, easy-to-use portable devices for measurement and analysis
- 1.3-2 Risk assessment of engineered nanoparticles on health and the environment
- 1.3-2 Risk assessment of engineered nanoparticles on health and the environment
- 1.3-4 Creation of a critical and commented database on the health safety and environmental impact

4.2. Materials

- 2.1-1 Nanostructured composite materials
- 2.1-2 Nanostructured coatings and thin films
- 2.2-1 Organic materials for electronics and photonics
- 2.2-2 Nanostructured materials with tailored magnetic properties
- 2.2-3 Advanced material architectures for energy conversion
- 2.3-1 Highly porous bioactive scaffolds favouring angiogenesis for tissue engineering

- 2.4-1 Flexible efficient processing for polymers
- 2.4-2 Nanostructured catalysts with tailor-made functional surfaces
- 2.4-3 Renewable materials for functional packaging applications
- 2.5-1 Novel materials tailored for extreme conditions and environments
- 2.5-2 Modelling of microstructural evolution under work conditions and in materials processing

7PQ – NMP



4.3 New Production

- 3.1-1 Beyond Lean Manufacturing – New Industrial Models for Product and Process Life Cycle
- 3.1-2 New added-value user-centered products and product services
- 3.1-3 Integrated Risk Management in Industrial Systems
- 3.2-1 Rapidly Configurable Machines and Production Systems
- 3.2-2 Process Intensification in Chemicals Production
- 3.3-1 Innovative Customer-Driven Product-Service Design in a Global Environment

- 3.4-1 Rapid Manufacturing Concepts for Small Series Industrial Production
- 3.4-2 Innovative Pathways in Synthesis - Improving efficiency by smart synthesis, design, reduction of reaction steps
- 3.5-1 Processes and Equipment for High Quality Industrial Production of 3-Dimensional Nanosurfaces
- 3.5-2 Production Technologies and equipment for Micro-Manufacturing

4.4 Integration

- 4.0.1 Wood-Based Composites and their Production
- 4.0.2 Application of New Materials Including Bio-Based Fibres in High-Added Value Textile Products
- 4.0.3 Multifunctional materials for the future vehicles

- 4.0-4 Substantial innovation in the European medical industry: development of nanotechnology-based systems for in-vivo diagnosis and therapy
- 4.0.5 Resource Efficient and Clean Buildings
- 4.0.6 Innovative added-value construction product-services

NMP collegato quasi a tutto

- Tutti i processi industriali (fabbricazione e prodotti chimici)
- Nano-scienza legata ad altri programmi:
 - Nuovi (nano) materiali farmaceutici (Salute)
 - Nuovi (nano) materiali per cellule combustibili (Energia)
 - Nuovi (nano) materiali per circuiti integrati più veloci (ICT): „more moore“
 - Nuovi (nano) materiali per biosensori nelle catene alimentari (Food)
 - Nuovi (nano) materiali per tessuti innovativi (NMP)

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- **Ideas:** 2006-12-22: - [ERC-2007-StG](#)
- **People:** 2007-02-22: - [FP7-PEOPLE-2007-3-1-IAPP](#), [FP7-PEOPLE-2007-2-1-IEF](#), [FP7-PEOPLE-2007-4-1-IOE](#) and [FP7-PEOPLE-2007-4-2-IIF](#)
- **People:** 2006-12-22: - [FP7-PEOPLE-2007-1-1-ITN](#), [FP7-PEOPLE-2007-2-1-ERG](#), [FP7-PEOPLE-2007-3-1-IRG](#), [FP7-PEOPLE-2007-5-1-1-NIGHT](#) and [FP7-PEOPLE-2007-5-2-AWARDS](#)
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- **Euratom:** 2006-12-22: - [FP7-Fission-2007](#)

Latest Calls Information

- 2007-03-22: To ensure [compliance](#) with **ethical issues**, [ethics information](#) is available on [http://cordis.europa.eu/fp7/ethics_en.html](#)
- 2007-03-19: **EPSS** is now accessible for the following COOPERATION calls: [FP7-HEALTH-2007-A](#)
- 2007-03-19: **EPSS** is now accessible for the following IDEAS calls: [ERC-2007-StG](#)

Activity Areas' Calls

Cooperation

- Health
- Food, Agriculture and Fisheries, and Biotechnology
- Information and Communication Technologies
- Nanosciences, Nanotechnologies, Materials and new Production Technologies
- Energy
- Environment (including Climate Change)
- Transport (including Aeronautics)
- Socio-economic sciences and Humanities
- Space
- Security
- Coordination of Research Activities

Ideas

- ERC

People

- PEOPLE

Capacities

- Research Infrastructures
- Research for the benefit of SMEs
- Regions of Knowledge
- Research Potential
- Science in Society

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People : Call for Proposals**PEOPLE**

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Marie Curie Industry-Academia Partnerships and Pathways**Identifier:** [FP7-PEOPLE-2007-3-1-IAPP](#)**Publication date:** 28 February 2007**Budget:** [Euro](#), 38 400 000**Deadline:** 31 May 2007 at 17:00 (Brussels local [time](#))**OS Reference:** [Q1-C045 of 28 February 2007](#)**Specific Programme:** [People]**Theme:** [PEOPLE]**Restrictions to Participation:** see eligibility criteria in the Work Programme**Information Package:**

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Please note, new documents are now available. Please download and use these new

The Program “People” (2/)

Five action lines

Initial Training for Researchers

Marie Curie Networks

Lifelong learning and career development

Individual fellowships

Co-financing of regional/national/international Programmes

Industry-academia partnerships and pathways

Industry-Academia Actions

The international dimension

Outgoing International Fellowships; Incoming International Fellowships; Actions for International Co-operation; Reintegration aid

Specific Actions

Excellence prices



Motivazione PROMATCH

- Objective of model centric process engineering, control and optimisation
 - Current researchers not capable to model processes taking into account targeted industrial applications
 - Need to develop a new generation of “complete” researchers in the field of modelling and process control
 - Building the capacity to **bridge the gap between fundamental research and industrial applications**
 - Interdisciplinary research approach will be required (chemical, process technology, computation)

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- **Cooperation:** 2006-12-22: [FP7-AAT-2007-RTD-1](#), [FP7-AAT-2007-TREN-1](#), [FP7-ENERGY-2007-1-RTD](#), [FP7-ENERGY-2007-2-TREN](#), [FP7-ENV-2007-1](#), [FP7-ERANET-2007-RTD](#), [FP7-ERARESORG-2007-1-RTD](#), [FP7-HEALTH-2007-A](#), [FP7-ICT-2007-1](#), [FP7-ICT-2007-C](#), [FP7-KBBE-2007-1](#), [FP7-NMP-2007-CSA-1](#), [FP7-NMP-2007-LARGE-1](#), [FP7-NMP-2007-SMALL-1](#), [FP7-NMP-2007-SME-1](#), [FP7-SEC-2007-1](#), [FP7-SPACE-2007-1](#), [FP7-SSH-2007-1](#), [FP7-SST-2007-RTD-1](#), [FP7-SST-2007-TREN-1](#) and [FP7-TPT-2007-RTD-1](#)
- **Ideas:** 2006-12-22: [ERC-2007-StG](#)
- **People:** 2006-12-22: [FP7-PEOPLE-2007-1-1-ITN](#), [FP7-PEOPLE-2007-2-2-ERG](#), [FP7-PEOPLE-2007-4-3-IRG](#), [FP7-PEOPLE-2007-5-1-1-IRGHT](#) and [FP7-PEOPLE-2007-5-2-AWARD](#)
- **Capacities:** 2006-12-22: [FP7-INCO-2007-1](#), [FP7-INCO-2007-4](#), [FP7-INFRASTRUCTURES-2007-1](#), [FP7-REGIONS-2007-1](#), [FP7-REGIONS-2007-2](#), [FP7-REGIONS-2007-3](#), [FP7-REGPOT-2007-1](#), [FP7-REGPOT-2007-2](#), [FP7-REGPOT-2007-3](#), [FP7-REGPOT-2007-4](#), [FP7-SCIENCE-IN-SOCIETY-2007-1](#), [FP7-SME-2007-1](#), [FP7-SME-2007-2](#) and [FP7-SME-2007-3](#)
- **Euratom:** 2006-12-22: [FP7-FISS-2007](#)

Latest Calls Information

- 2007-01-08: [Draft grant agreement](#) -

Search[View and Select FP7 Activity Codes](#)**Activity Areas' Calls****Cooperation**

- [Health](#)
- [Food, Agriculture and Fisheries, and Biotechnology](#)
- [Information and Communication Technologies](#)
- [Nanosciences, Nanotechnologies, Materials and new Production Technologies](#)
- [Energy](#)
- [Environment \(including Climate Change\)](#)
- [Transport \(including Aeronautics\)](#)
- [Socio-economic sciences and Humanities](#)
- [Space](#)
- [Security](#)
- [General Activities - Annex IV](#)

Ideas

- [ERC](#)

People

- [PEOPLE](#)

Capacities

- [Research Infrastructures](#)
- [Research for the benefit of SMEs](#)
- [Regions of Knowledge](#)
- [Research Potential](#)
- [Science in Society](#)

• Match funding programme

[About](#) | [What's New?](#) | [Sitemap](#)>> [FP7 Quick Links](#)[CORDIS](#) : [FP7 Home](#) [Find a Call](#) > [FP7-SME-2007-1](#)

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Capacities : Call for Proposals

Research for the benefit of SMEs

[Preparation and Submission of Proposals](#) | [Information Package](#)
[Additional Documents](#) | [Get Support](#) | [Build Your Consortium](#)

Research for SMEs Call 1

Identifier: [FP7-SME-2007-1](#)**Publication date:** 22 December 2006**Budget:** € 100 000 000**Deadline:** 04 September 2007 at 17:00 (Brussels local [time](#))**OJ Reference:** [OJ C316 of 22 December 2006](#)**Specific Programme:** [Capacities]**Theme:** [Research for the [benefit](#) of SMEs]**Restrictions to Participation:****Additional Information:**

Please note that an updated version of the Guide for Applicants for this call is now available

Information Package:

In order to receive a complete Information Package for this call, you [will](#) need to select the following elements:

1. The call fiche (only available in .pdf format)
2. The work programme (.pdf format)
3. FP7 factsheets in your preferred language - an overview of the basic features of this programme (.pdf format)
4. The Guides for Applicants relevant to the funding schemes used in this call (.pdf format)

All files have been treated uniformly and compressed to facilitate the access to the individual documents and to optimise the speed of transfer. To access the files, you will need a [file compression utility](#) capable of opening the 'zip' format

The Program „Capacities“ – Theme 2

FP7-Capacities - 2. RESEARCH FOR SMEs / CRAFT

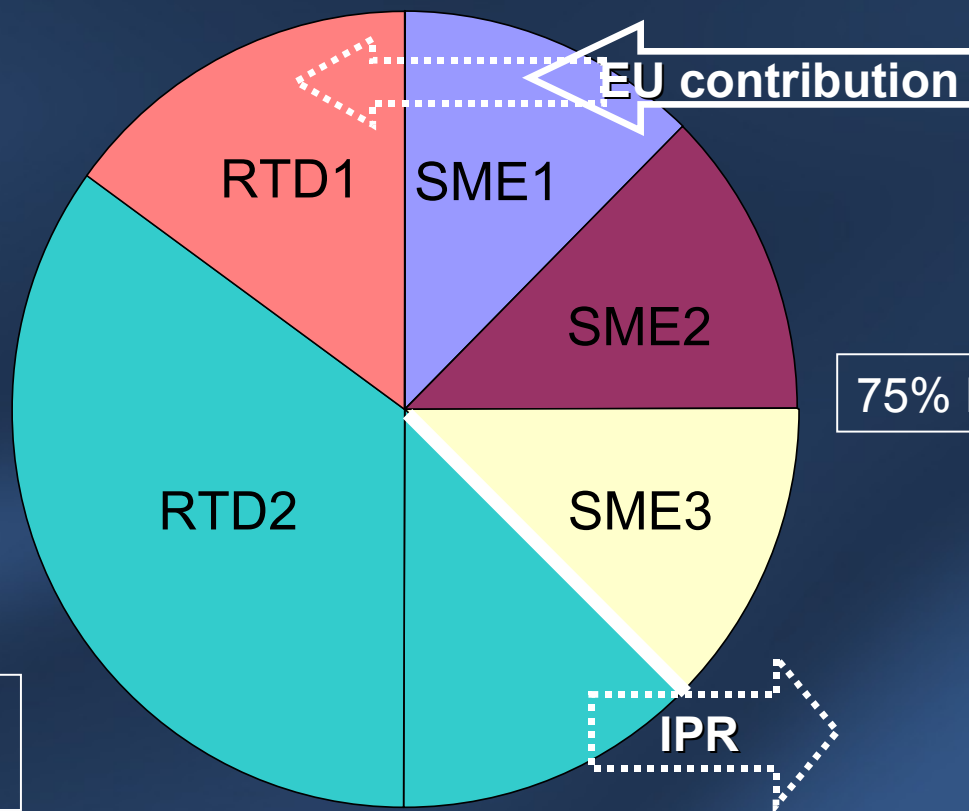
Characteristics CRAFT

- Duration : 1 - 2 years
- Cost : 0,5 – 1,5 mEuro
- Contribution : 75%
- Topics : Any, as long as innovative!
- Participants:
 - ≥ 3 independent SMEs
 - ≥ 2 member states
 - ≥ 2 RTD performers
 - ≥ 2 member states EU or AS
 - Others: Sponsors e.g. end-users – large industry (limited role)

Craft Diagram

RTD SME

> 60% of the costs
100% paid!



EU Contribution:
MAX 110% of RTD

75% EU funding



Individual Platforms

Detailed information on individual [platforms](#) is available by clicking on the links below. It should be noted however that the inclusion of a given topic does not prejudice its individual merits to be known as a European Technology Platform. Moreover, the European Commission is not in any way bound by the views, results or recommendations arising from the activities of any of the [technology](#) platforms.

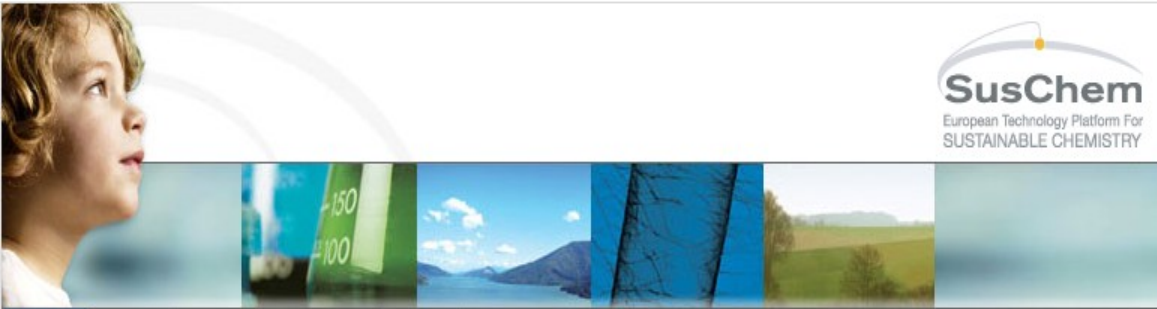

- [Advanced Engineering Materials and Technologies](#) - EuMaT
- [Advisory Council for Aeronautics Research in Europe](#) - ACARE
- [Embedded Computing Systems](#) - ARTEMIS
- [European Construction Technology Platform](#) - ECTP
- [European Nanoelectronics Initiative Advisory Council](#) - ENIAC
- [European Rail Research Advisory Council](#) - ERRAC
- [European Road Transport Research Advisory Council](#) - ERTRAC
- [European Space Technology Platform](#) - ESTP
- [European Steel Technology Platform](#) - ESTEP
- [European Technology Platform on Smart Systems Integration](#) - EPoS
- [Food for Life](#) - Food
- [Forest based sector Technology Platform](#) - Forestry

- [Global Animal Health](#) - GAH
- [Hydrogen and Fuel Cell Platform](#) - HFP
- [Industrial Safety ETP](#) - IndustrialSafety
- [Innovative Medicines for Europe](#) - IME
- [Integral Satcom Initiative](#) - ISI
- [Mobile and Wireless Communications](#) - eMobility
- [Nanotechnologies for Medical Applications](#) - NanoMedicine
- [Networked and Electronic Media](#) - NEM
- [Networked European Software and Services Initiative](#) - NESSI
- [Photonics21](#) - Photonics
- [Photovoltaics](#) - Photovoltaics
- [Plants for the Future](#) - Plants
- [Robotics](#) - EUROP
- [Sustainable Chemistry](#) - SusChem
- [Water Supply and Sanitation Technology Platform](#) - WSSTP
- [Waterborne ETP](#) - Waterborne

•First investigation state of the art



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Brokerage Database

SusChem Solutions

Industrial Biotechnology

Materials Technology

Reaction and Process Design

Horizontal Issues

The European Technology Platform for Sustainable Chemistry

SusChem brings together a wide spectrum of organizations and individuals looking to boost sustainable chemistry, industrial biotechnology and [chemical engineering research, development and innovation](#) in Europe.
[Get involved...](#)

Three technology sections coordinate activities in the defined key technology areas: [Industrial Biotechnology](#), [Materials Technology](#), and [Reaction & Process Design](#). A [Horizontal Issues Group](#) covers overarching innovation related issues.

The technologies and activities covered by SusChem will be at the heart of future sustainable development initiatives and are critical to [continuing and increasing competitiveness](#) of European enterprises

The research topics brought forward by SusChem address the great challenges and needs faced by our society today including energy use, transport, health, and communication technology. Our fundamental goal is to contribute to a sustainable quality of life for all Europe's citizens.

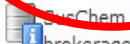
As part of this goal SusChem is working to build a supportive environment in Europe for innovation and research in partnership with society.

New on suschem.org

[SusChem 5th Stakeholder Meeting](#)
8 March 2007, Brussels

[FP7 links](#)

[Final Implementation Action Plan](#) (26 MB), [Executive Summary](#) and [guide to roadmaps](#) now available.

 [brokerage database](#)
-a new tool for finding partners for FP7 projects

[SusChem Brokerage Event for FP7 first calls](#); Brussels, 24 January 2007; presentations available

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•First investigation state of the art

Strutturare un'idea progettuale

Definire **obiettivi** chiari
Obiettivi NON sono i risultati!



PERCHE'

Definire i **risultati**
"deliverables" misurabili



COSA

Responsabilità

Ogni partner = ruolo e
responsabilità per i risultati



CHI

Pianificare le **attività**
WBS, Gantt chart



QUANDO

Allocare budget a
WP e attività



RISORSE

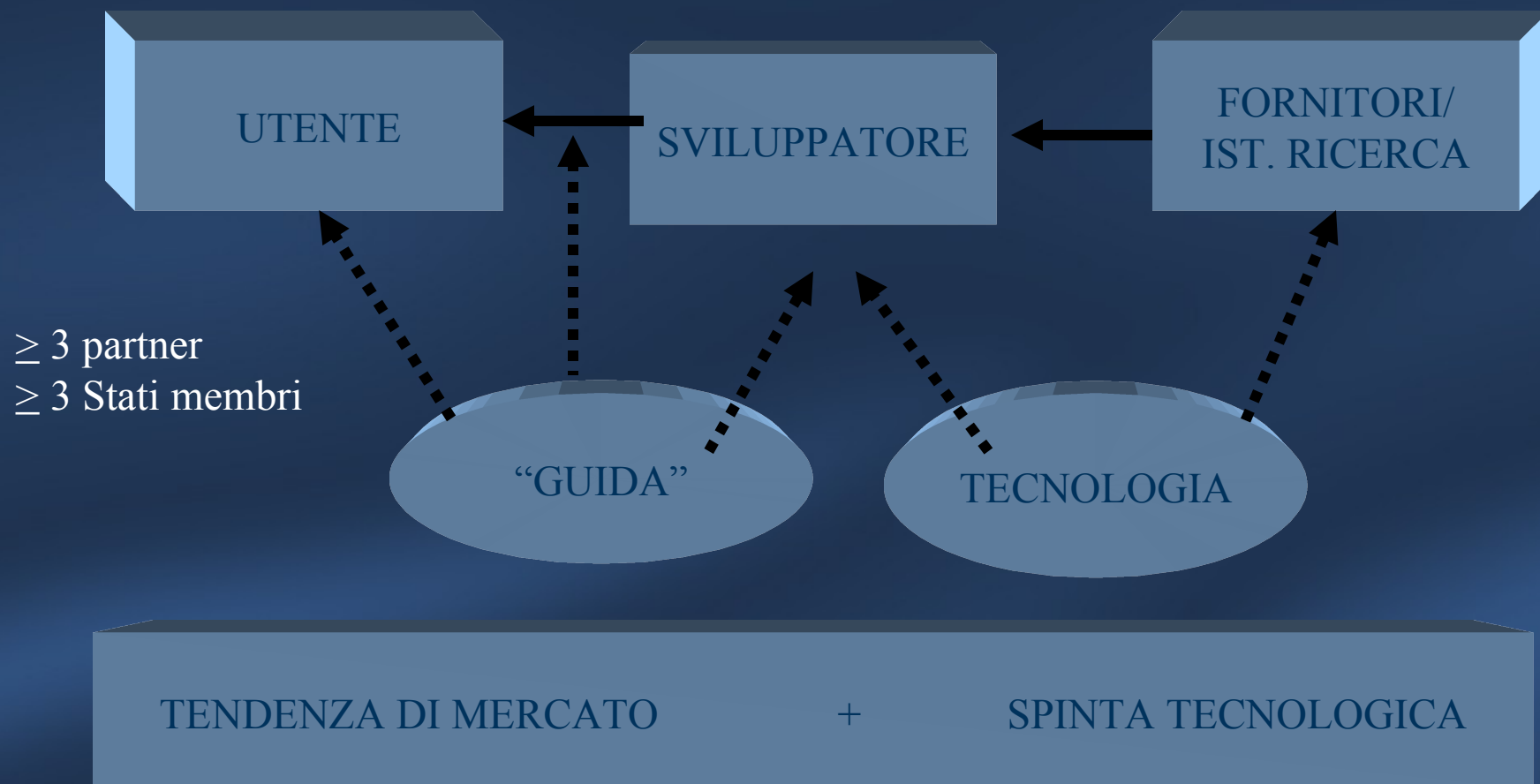
Definizione del consorzio

- Identificazione partner
 - tipo
 - settore
 - Paese
- reperimento liste potenziali partner
- redazione abstract
- contatti

Attenzione al numero!!!!!!!!!!

Struttura consorzi

- Contact/search potential partners



Ricerca di partner

•Contact/search potential partners

- Contatti già esistenti (diretti o indiretti)
- Partecipazione a conferenze/ Info days
- Liste progetti approvati
- Liste potenziali partner siti UE
- Associazioni di categoria (Camere di Commercio)
- Internet



http://cordis.europa.eu/

CORDIS FP6: Home Page - Microsoft Internet Explorer

File Modifica Visualizza Preferiti Strumenti ?

Indietro Cerca Preferiti

Indirizzo <http://fp6.cordis.lu/index.cfm?fuseaction=UserSite.FP6HomePage> Vai Collegamenti

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CORDIS

Sixth Framework Programme

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Highlights

- Call for proposals for Marie Curie Conferences and Training Courses
- Call for proposals - avian/pandemic influenza
- IST call for proposals
- Call for proposals: scientific support to policies
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Activity Areas

Integrating and strengthening the European Research Area (ERA)

- Thematic areas**
 - Life sciences, genomics and biotechnology for health
 - Information society technologies
 - Nanotechnologies and nano-sciences, knowledge-based multifunctional materials and new production processes and devices
 - Aeronautics and space
 - Food quality and safety
 - Sustainable development, global change and ecosystems
 - Citizens and governance in a knowledge-based society
- Cross-cutting activities**
 - Research for policy support
 - New and emerging science and technology (NEST)
 - SME activities
 - International co-operation activities
 - JRC activities

Strengthening ERA

- Co-ordination of research activities
- Development of research/innovation policies

Project management

Find a Project

What's New?

About this service

Whether you are a newcomer to EU-funded R&D programmes, or an experienced project participant, this service can direct you to all of your FP6 information and participation needs. This portal provides a single entry point to the family of CORDIS FP6 web services and

European Council for more funds to support

A 'European Council' led by over 50 senior figures from politics, industry and academia has urged the European Council to rethink its December 2005 agreement on the long-term EU budget for competitiveness and innovation support. MEPs Jerzy Buzek... [Read more](#)

Funding strategy and organisational structures of ERC take shape at Scientific Council meeting

Expert group says Europe could benefit more from research foundations

Commission tells Member States: it's time to back up solid reform programmes with action

Forthcoming Events

- 07-02-2006: [Web tools for EU research projects](#): Cambridge, UK
- 09-02-2006: [Stimulating participation of Central Europe in the next food sector of FP6](#): Kiev, Ukraine

...More FP6 News...

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Sixth Framework Programme

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Chemistry

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management

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What's New?

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341 projects were found. Click on the project [title](#) for more information.

1. [Bio-informatics grid application for life science](#)

Activity area acronym: **FP6-INFRASTRUCTURES**

Project Reference: 26808

Project Acronym: BIOINFOGRID

Action Line: INFRASTR-6 Accompanying Measures for promoting a more co-ordinated approach to research infrastructures in Europe

Action Line (spf): FP6-INFRASTRUCTURES INFRASTR-6 Accompanying Measures for promoting a more co-ordinated approach to research infrastructures in Europe

2. [Enabling grids for E-science-II](#)

Activity area acronym: **FP6-INFRASTRUCTURES**

Project Reference: 31688

Project Acronym: EGEE-II

Action Line: INFRASTR-3 Communication network development in conjunction with them. prio. 2 (Inform. Soc. Technol.) to establish a high-capacity & high-speed commun. netw. for all researchers in Europe (GEANT) & specific high performance Grids & test beds (GRIDs)

Action Line (spf): FP6-INFRASTRUCTURES INFRASTR-3 Communication network development in conjunction with them¶ prio¶ 2 (Inform¶ Soc¶ Technol¶) to establish a high-capacity & high-speed commun¶ netw¶ for all researchers in Europe (GEANT) & specific high performance Grids & test beds (GRIDs)

3. [Global and Regional Earth-System Monitoring using Satellite and In-Situ Data](#)

Activity area acronym: **FP6-AEROSPACE**

Project Reference: 516099

Project Acronym: GEMS

Action Line: AERO-2003-2.3.2.1b Atmosphere

Action Line (spf): FP6-AEROSPACE AERO-2003-2¶3¶2¶1b Atmosphere

4. [Toward Innovative Methods for Combustion Prediction in Aero-Engines](#)

Activity area acronym: **FP6-AEROSPACE**

Project Reference: 30828

Project Acronym: TIMECOP-AE

Action Line: AERO-1.2 Improving environmental impact with regard to emissions and noise

Action Line (spf): FP6-AEROSPACE AERO-1¶2 Improving environmental impact with regard to emissions and noise

5. [Towards an ERA in Industrial Biotechnology](#)

Activity area acronym: **FP6-COORDINATION**

Project Reference: 35581

Project Acronym: ERA-IB

Action Line: COOR-1 Coordination of national activities

Action Line (spf): FP6-COORDINATION COOR-1 Coordination of national activities

6. [Applied Catalysis ERA-NET](#)

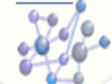
Activity area acronym: **FP6-COORDINATION**

Project Reference: 11784

Project Acronym: ACENET ERA-NET

Action Line: COOR-1.1 Networking of national or regional programmes or parts of programmes; actors: public authorities, research agencies, open call for proposals (ERA-NETs)

Action Line (spf): FP6-COORDINATION COOR-1¶1 Networking of national or regional programmes or parts of programmes; actors: public authorities, research agencies, open call for

Activity
Areas



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What's New?

23 projects were found. Click on the project [title](#) for more information.

1. [REINFORCEMENT THE CAPACITIES OF THE DEPARTMENT OF POLYMER ENGINEERING FOR CHARACTERIZATION AND TESTING OF **POLYMERS**](#)

Activity area acronym: **FP6-INCO**

Project Reference: 26316

Project Acronym: RECAPO

Action Line: INCO-2004-C-WBC-SSA Reinforcement of the WBC research capacities

Action Line (spf): FP6-INCO INCO-2004-C-WBC-SSA Reinforcement of the WBC research capacities

2. [Biodegradable Polymeric Materials for Health and Environment -Centre of Excellence](#)

Activity area acronym: **FP6-MOBILITY**

Project Reference: 509232

Project Acronym: BIOMAHE

Action Line: MOBILITY-1.3 Marie Curie Host Fellowships - Transfer of knowledge (TOK)

Action Line (spf): FP6-MOBILITY MOBILITY-1¶3 Marie Curie Host Fellowships - Transfer of knowledge (TOK)

3. [Creating competitive edge for the European POLYmer **processing** industry driving new added-value products with CONDUCTing **polymers**](#)

Activity area acronym: **FP6-NMP**

Project Reference: 515835

Project Acronym: POLYCOND

Action Line: NMP-2003-3.4.3.1-3 Support to the development of new knowledge-based added-value products and services in traditional less RTD intensive industries

Action Line (spf): FP6-NMP NMP-2003-3¶4¶2¶1-3 Support to the development of new knowledge-based added-value products and services in traditional less RTD intensive industries

4. [Advanced knowledge of Polymer deformation for Tomorrow's PACKaging'](#)

Activity area acronym: **FP6-NMP**

Project Reference: 505204

Project Acronym: APT_PACK

Action Line: NMP-2.1 Development of fundamental knowledge

Action Line (spf): FP6-NMP NMP-2¶1 Development of fundamental knowledge

5. [Designed Nanostructured Hybrid **Polymers**: Polymerisation Catalysis and Tecton Assembly](#)

Activity area acronym: **FP6-NMP**

Project Reference: 516972

Project Acronym: NANOHYBRID

Action Line: NMP-2003-3.4.2.3-1 Materials by design: bio-inspired materials and organic/inorganic hybrid materials

Action Line (spf): FP6-NMP NMP-2003-3¶4¶2¶3-1 Materials by design: bio-inspired materials and organic/inorganic hybrid materials

6. [Supercritical Carbon Dioxide **Processing** Technology for Biodegradable **Polymers** Targeting Medical Applications](#)

Activity area acronym: **FP6-NMP**

Project Reference: 517070

Project Acronym: PROTEC

Action Line: NMP-2003-3.4.2.2-1 Materials **processing** by radically innovative technologies

Action Line (spf): FP6-NMP NMP-2003-3¶4¶2¶2-1 Materials **processing** by radically innovative technologies

7. [Novel functional polymer materials for MEMS and NEMS applications](#)

Activity Areas



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What's New?

APT_PACK

Advanced knowledge of Polymer deformation for Tomorrow's PACKaging'

Action Line: NMP-2.1 Development of fundamental knowledge

Coordinator

Contact Person:

Name: BILLON, Noelle
Tel: +33-49-3957420
Fax: +33-49-2389752
Email: [Contact](#)

Organisation:

ASSOCIATION POUR LA RECHERCHE ET LE DÉVELOPPEMENT DES MÉTHODES ET PROCESSUS INDUSTRIELS - ECOLE DES MINES DE PARIS
Ecole Nationale Supérieure des Mines de Paris - CEMEF
60, boulevard Saint-Michel
FRANCE

Long term objective of the [project](#) is the definition of a global [strategy](#) for optimising stretched plastic packaging (thermoforming, stretch blow moulding). To compensate for the lack of basic understanding that strongly inhibits durable improvements, scientific objective is promoting attainments and applications of fundamental knowledge. The strategy is to propose tools that are necessary for building straightforward correlation between the structure of **polymers**, its relevance to packaging and the end-use properties of products. This is achieved thank to fundamental studies of the material and of the role of its microstructure. Two of them aims at developing correlation between microstructure and final properties and on the evolution of microstructure during **processing**, respectively. **Processing** are known to enhance coupling between the **processing** and the microstructure, while boundary conditions are not totally controlled. Consequently, specific researches are devoted to the understanding of the **processing**. FinaHy, as the rheology of polymer is a key issue, an important work is devoted to the proposal of constitutive models relevant for thermoforming and/ or stretch blow moulding. The project focuses on the three types of **polymers** used in this area: amorphous, semi-crystalline and initially amorphous that crystallise during forming. To allow long-term improvement, significant efforts are devoted to physically based approaches. Main project direct outputs are: -Advanced knowledge in the field of **polymers** stretching -Proposal of relevant physically based constitutive models -Development of high velocity multi-axial loading tests in the range of thermoforming and blowing -Advanced knowledge in the field of microstructure development -Proposal of physically based constitutive models for end-use properties -Advanced knowledge in the field of **processing**, including heating, stretching and cooling -Proposal for next generation numerical codes for design

Project details	
Project Reference: 505204	Contract Type: Specific Targeted Research Project
Start Date: 2004-10-01	End Date: 2007-09-30
Duration: 36 months	Project Status: Execution
Project Cost: 3.48 million euro	Project Funding: 2.57 million euro

Participant Organization: NESTLE WATERS MANAGEMENT AND TECHNOLOGY	Country: FRANCE
Participant Organization: KECSKEMÉT COLLEGE, FACULTY OF TECHNOLOGY	Country: HUNGARY
Participant Organization: LOGOPLASTE PACKAGING TECHNOLOGY DEVELOPMENT LDA.	Country: PORTUGAL
Participant Organization: MEDTRONIC VASCULAR GALWAY LTD	Country: IRELAND
Participant Organization: AGROFOOD TECNOLOGY INSTITUTE	Country: SPAIN
Participant Organization: ARCELIK A.S.	Country: TURKEY
Participant Organization: BOXMORE PLASTICS LTD	Country: IRELAND
Participant Organization: AISAPACK SA	Country: SWITZERLAND

9. [NANOSTRUCTURED AND FUNCTIONAL POLYMER-BASED MATERIALS AND NANOCOMPOSITES](#)

Activity area acronym: **FP6-NMP**
Project Reference: 500361
Project Acronym: NANOFUN-POLY
Action Line: NMP-2002-3.4.2.1-1 Understanding materials phenomena
Action Line (spf): FP6-NMP NMP-2002-3.4.2.1-1 Understanding materials phenomena

10. [Acceleration of Textile Processes by Ultrasound Technology](#)

Activity area acronym: **FP6-NMP**
Project Reference: 505892
Project Acronym: ULTRATEC
Action Line: NMP-2002-3.4.3.1-1 New production technologies, based on nanotechnology and new materials
Action Line (spf): FP6-NMP NMP-2002-3.4.3.1-1 New production technologies, based on nanotechnology and new materials

11. [The development of a high output **processing** method for the extrusion of solid thermoplastic sheet and profile.](#)

Activity area acronym: **FP6-SME**
Project Reference: 516225
Project Acronym: FREEFLOW
Action Line: SME-2 Collective Research (all areas of science and technology)
Action Line (spf): FP6-SME SME-2 Collective Research (all areas of science and technology)

12. [Development of a 100 % Biodegradable Plastic Fiber to Manufacture Twines to Stake Creeping Plants and Nets for Packaging Agricultural Products](#)

Activity area acronym: **FP6-SME**
Project Reference: 17684
Project Acronym: PICUS
Action Line: SME-1 Co-operative Research (all areas of science and technology)
Action Line (spf): FP6-SME SME-1 Co-operative Research (all areas of science and technology)

13. [A new concept for the recycling of incompatible **polymers** allowing the creation of new polymeric materials with enhanced properties.](#)

Activity area acronym: **FP6-SME**
Project Reference: 16764
Project Acronym: NOVOPOL
Action Line: SME-1 Co-operative Research (all areas of science and technology)
Action Line (spf): FP6-SME SME-1 Co-operative Research (all areas of science and technology)

14. [The Development of an In-line Energy Efficient Polymer Microwave Based Moisture Measurement and Drying System](#)

Activity area acronym: **FP6-SME**
Project Reference: 513205
Project Acronym: POLYDRY
Action Line: SME Horizontal research activities involving SMEs
Action Line (spf): FP6-SME SME Horizontal research activities involving SMEs

15. [Development and Testing of new Standards for Sorption Measurement and Characterisation of Ionic Liquids \(S-SCIL\)](#)

Activity area acronym: **FP6-SME**
Project Reference: 508283
Project Acronym: S-SCIL
Action Line: SME-1 Co-operative Research (all areas of science and technology)
Action Line (spf): FP6-SME SME-1 Co-operative Research (all areas of science and technology)

16. [Hydrogen from Solar Thermal Energy: High Temperature Solar Chemical Reactor for Co-production of hydrogen and carbon black from natural gas cracking](#)

Activity area acronym: **FP6-SUSTDEV**
Project Reference: 19770
Project Acronym: SOLHYCARB
Action Line: SUSTDEV-1.2.6 New and advanced concepts in renewable energy technologies - Other RES
Action Line (spf): FP6-SUSTDEV SUSTDEV-1.2.6 New and advanced concepts in renewable energy technologies - Other RES

17. [Plastic optical fibres with embedded active **polymers** for data communications](#)

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What's New?

NOVPOL

A [new](#) concept for the [recycling](#) of incompatible *polymers* allowing the creation of new polymeric materials with enhanced properties.

Action Line: SME-1 Co-operative Research (all areas of science and technology)

Coordinator

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ITALY

Activity Areas

Europe produces approximately 21.15 million tonnes of post consumer plastic waste every year and only 16.5% recycled. Current recycling technologies require the plastic waste to be either sorted into polymer families or to be compatibilised by the use of expensive block copolymers. The sorting of *polymers* is vitally important and less than 0.01% cross contamination can ruin the entire batch. Equipment to sort plastics is being developed, but currently most recyclers are still sorting plastics by hand which is expensive and time consuming. For these reasons the market for using recycled plastic is less developed than it might be and the market price reflects this. The proposed Co-operative project, 'NOVPOL', aims to address these problems by enabling the recycling of mixed plastic waste to produce a homogenized thermoplastic with enhanced mechanical and *processing* properties when compared to the average properties of the constituent plastics. Basic feasibility work has been carried out on the proposed process that demonstrated the ability to recycle a mixture of incompatible plastics (such as a ground up car interior) to create an all new homogenized thermoplastic polymer. Technological Objectives: Create a homogeniser to operate continually with output of at least 500kg/hour based on a 100kW drive motor. Create a homogeniser with the ability of generating a nominal tip speed of at least 30m/s and the ability to process at least 6 million kg of polymer before requiring a major service. Create a complete Novpol recycling system with the ability to recycle a mixture of at least five different *polymers* and produce 'new' *polymers* with enhanced mechanical properties that are not currently available. Economic Objectives: Provide a cost-effective recycling route for mixed polymer waste that produces recyclate with enhanced mechanical properties suitable for engineering applications that can demand a selling price of at least 80% of virgin *polymers*.

Project details	
Project Reference: 16764	Contract Type: SMEs-Co-operative research contracts
Start Date: 2005-07-07	End Date: 2007-07-06
Duration: 24 months	Project Status: Execution
Project Cost: 1.51 million euro	Project Funding: 781876.00 euro

Participant Organization: PERPLASTIC S.L SOCIEDAD UNIPERSONAL	Country: SPAIN
Participant Organization: ZAKLADY MECHANICZNE WIROMET SPOLKA AKCYJNA	Country: POLAND
Participant Organization: CENTRE DE RECHERCHES SCIENTIFIQUES ET TECHNIQUES DE L'INDUSTRIE DES FABRICATIONS METALLIQUES	Country: BELGIUM
Participant Organization: L.T.S DEMOLITION AUTOMOBILE	Country: FRANCE
Participant Organization: BEA TECHNOLOGIES SPA	Country: ITALY
Participant Organization: PERA INNOVATION LIMITED	Country: UNITED KINGDOM
Participant Organization: O&S COMPUTER-SOFT ORLOWSKI SPOLKA LOMANDYTOWA	Country: POLAND
Participant Organization: W.H.SMITH & SONS (TOOLS) LIMITED	Country: UNITED KINGDOM

Decidere per quale programma?

Iniziare con una strategia per la tua organizzazione: industria? /PMI? / istituto di ricerca?

Nuove conoscenze di base?

Progetti collaborativi programmi tematici per PMI
(**CP**) -RTD + Demo:

2 Step – Prima scadenza 4 Maggio 2007

Nuovi prodotti/prototipi per PMI?

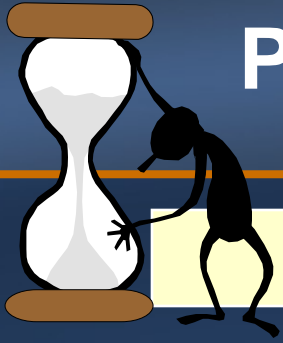
CRAFT; risultati concreti! CP orientate verso PMI

1 Step: 4 September 2007

Acquisire nuova capacità di ricerca

PEOPLE- Industrial Academic Pathways; recluta nuovi ricercatori, scambio e training di ricercatori

1 Step: 31 Maggio 2007



Project development phase

Development stages

Contributions

PM

Prime Partner

Partners

•Consortium meeting/brokerage event

XX

X

X

•Further partnersearch

XX

XX

X

•Further investigation s.o.a.

XX

XX

XX

•Input (technical) information

X

XX

•Second draft (incl.indicative budget)

XX

X

•Second consortium meeting

XX

X

•Feedback all partners

XX

XX

•Final proposal

XX

•Submission

XX


Seguire una pianificazione dettagliata

- Chi scrive cosa?
- E quando...?
- Chi controlla la qualità'?
- Quali documenti formali da procurarsi o formulari da redigere?
- Dobbiamo firmare qualcosa?
- Chi può firmare?
- Chi presenta la proposta e come (versione elettronica, postale, con corriere, a mano,

Sviluppare un planning!

NMP: 4 Maggio 2007


- 10+ Pagine
- Consorzio (5 PMI, 4 RTD, 2 Large IND)

- 
- Fine Marzo: Stato del Arte + Go No Go Core Consortium
 - 6 Aprile First Draft: Submit to NCP
 - 13 Aprile: Additional Partner
 - 13 Aprile Feedback NCP + partners
 - 19 Aprile: Primo Draft completo (incl. Budget)
 - 26 Aprile: Feedback partner
 - 2 Maggio: Draft finale – upload al sistema EPSS

Sviluppare un planning II: Più realistico

PEOPLE: 31 Maggio 2007

- Full Proposal (40 pagine)
- Consorzio (2 PMI, 3 RTD)

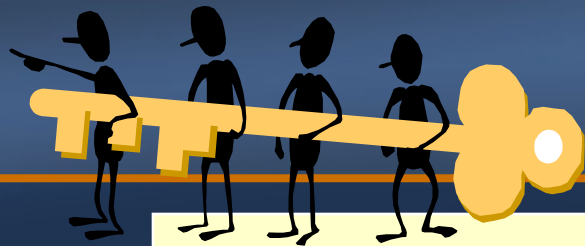
- 
- 6 Aprile Stato del Arte + Meeting & Go No Go Core Consortium
 - 13 Aprile: Project Summary: Submit to NCP
 - 19 Aprile: Additional Partner
 - 19 Aprile Feedback NCP + partners
 - 26 Aprile: Primo Draft con piano di scambi di ricercatori
 - 4 Maggio: Feedback partner
 - 11 Maggio: Primo draft completo (incl budget)
 - 18 Maggio: Feedback partner
 - 25 Maggio: primo upload al sistema EPSS
 - 30 Maggio: Miglioramenti + upload finale

Contract Negotiations

Proposal development stages	Contributions		
	PM	Prime Proposer	Partners
•Evaluation by external evaluators			
•Invitation to the contract negotiations	xx	x	(x)
•First draft Technical Annex	xx	x	x
•Administrative Forms	xx	xx	xx
•Negotiation with funding authority	xx	x	

•Final Contract and Technical Annex





Project execution

Development stages

- Kick off meeting
- Set-up project management
- Set-up financial administration
- Organisation progress meetings
- Project management
- (6 monthly) progress reports
- (6 monthly) cost declarations
- Final report
- Final cost declaration
- Execution (technical) project tasks

Contributions

PM	Prime Proposer	Partners
X	XX	XX
X	XX	
XX	X	
	XX	
X	XX	X
	XX	
XX	X	X
	XX	X
XX	X	X
	XX	XX

Timeline: Da idea a progetto



Questions



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