

**PI Network Meeting  
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**Essential Information on  
Framework 6**

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# What We Will Cover

- **Brief programme overview**
- **Brief look at new instruments**
- **Contractual issues**
- **A look at the possible content of the Workprogramme for Priority 3 relevant to PIN**

# Current Position in the Development of FP6

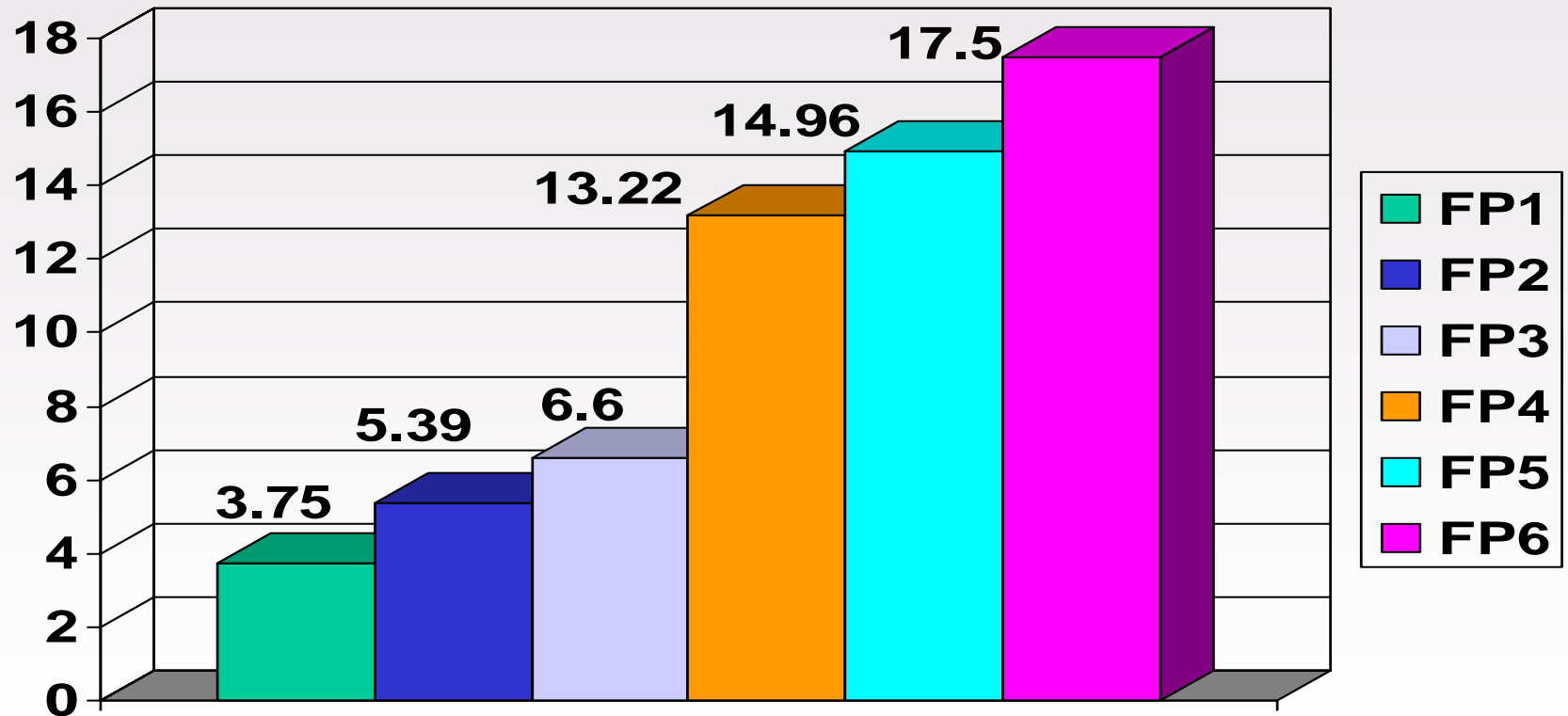
- Final agreement reached on Framework 6 on 30 September 2002
- Preparation of Workprogrammes and Guides for Proposers proceeding
- Calls expected in Priority 3 on 17 December 2002
- Eols and analysis published on Cordis see [http://eoi.cordis.lu/search\\_form.cfm](http://eoi.cordis.lu/search_form.cfm)



# What's Framework 6 All About?

- Improved competitiveness
- Sustainable development
- Responding to societal needs
- Support for European policies
- Improving human potential
- Integration and improved efficiency for European research, delivering the  
**“The European Research Area” (ERA)**

# Value in Euro Billion of Successive Programmes



# Features of Commission Proposal

- Concentration of efforts
- Creation of real European added value (larger impacts)
- Improving links with policies and schemes
  - eg the Gothenburg on sustainable transport and Lisbon on knowledge based economy
- Use of new instruments
- Simplification of management and implementation
- 15% of Priority themes budget reserved for SMEs in addition to special measures elsewhere



# How is the Programme Structured?

	€B
• Integrating European Research	13,345
• Structuring the ERA	2,605
• Strengthening foundations of ERA	320
<b>TOTAL</b>	<b>16,270</b>

Plus Euratom programme



# OK, What Technologies are Included?

Thematic priorities	€B
● Genomics and biotechnology for health	2,255
● Information society technologies	3,625
● <b>Nanotechnologies, intelligent materials, and new production processes</b>	<b>1,300</b>
● Aeronautics and space	1,075
● Food safety and health risks	685
● Sustainable development	2,120
● Citizens and governance	225
● Specific activities covering a wider field of research, includes €430 specific support for SMEs	1,300



# Wider range of instruments for Priority Themes

- Integrated projects (NEW)
- Networks of excellence (NEW)
- Article 169 (*joint implementation of national programmes*) (Previously unused and unlikely in any great number)
- Traditional instruments
  - specific targeted research projects (ex RTD projects)
  - coordination actions (ex Thematic networks)
  - Specific support actions (ex Accompanying Measures)

# Principles of IPs and NoEs

- **Simplification and streamlining**
  - to minimise the overheads for all concerned whether applicant, contractor or the Commission
  - to speed up procedures, especially time-to-contract
- **Flexibility and adaptability**
  - to enable instruments to be applicable throughout the priority themes
  - to enable activities to evolve
- **Increased management autonomy**
  - to eliminate unnecessary micromanagement
- **While preserving public accountability and protecting interests of the Community**

# Content of Integrated Projects

- **Activities integrated by a project may cover the full research spectrum**
  - must contain a research component
  - Technological development and demonstration components as appropriate
  - dissemination
  - should contain a training component
  - mobility
  - metrology and standards
  - virtual institute
  - etc,

# Content of Network of Excellence

## To address fragmentation, create integration and to advance knowledge

- joint research activities (long term)
- integrating activities
  - ◆ coordinated programming of activities
  - ◆ development of research facilities for common use
  - ◆ staff mobility and exchanges
  - ◆ relocation of staff, teams and equipment
  - ◆ reinforced electronic communication networks
- activities to spread excellence
  - ◆ dissemination, communication, knowledge transfer
  - ◆ training of researchers...
  - ◆ networking activities
- all within a single management structure

# Implementation of Contract

- **For the implementation plan, each year**
  - the consortium will propose a detailed plan for the coming 18 months
  - and may propose to update the overall plan
    - ◆ both need approval of the Commission to enter into force
- **For the Community contribution**
  - the contract will not specify its distribution between participants nor between activities
- **For changes in the consortium**
  - the contract will specify when the addition of new participants must involve a competitive call

# Traditional Instruments

- **Designed to smooth the transition to the “new” instruments**
  - by supporting research activities of more limited scope
  - particularly for smaller research actors, including SMEs and participants from candidate countries (ex Priority 3)
- **Consists of three instruments**
  - Specific targeted research projects (STREPS)  
an evolved form of FP5 shared cost RTD projects
  - Coordination actions (CAs)  
an evolved form of FP5 concerted actions/thematic networks
  - Strategic support actions (SSAs)
- **May be used on a reducing scale as FP6 proceeds**
  - subject to an independent evaluation in 2004 of the use of the instruments

# “Unlimited” Joint and Several Liability

- **A consequence of more freedom for consortia than in previous FPs, eg**
  - no ex ante financial controls
  - no bank guarantee required
  - no fixed distribution of funding
  - no 15% retention of grant until completion
  - will enable evolution of the project and a change in the partnership with minimum delay

# Implementation of “Unlimited” Joint and Several Liability

- Will be invoked only if consortia do not propose a reasonable solution
- Will in fact be “limited” to the Community contribution and shared up to the maximum funding that each contractor has received as the Community contribution



# Summary of IPR Provisions

	Access rights to pre-existing know-how	Access rights to knowledge resulting from the project
For carrying out the project	If needed for carrying out their own work within the project	
	Royalty-free unless otherwise agreed before signing the contract	Royalty-free
For use purposes	Yes if a participant needs them for using his own knowledge	
	On non-discriminatory and reasonable conditions to be agreed	Royalty-free unless otherwise agreed before signing the contract
	Possible for partners to exclude specific pre-existing know-how from this obligation before the partner concerned signs the contract (or before a new partner joins)	<b><u>Note: No longer any predefined right to exploit other partners knowledge</u></b>

# Essentials of Priority 3

- Covers nanotechnology, materials and production
- Aiming at breakthrough longer-term research
- IPs should follow a multidisciplinary approach and may correspond with more than one topic in the above areas
- NEs may address a single topic
- STREPs should also be aimed at leading edge research in contrast to other priority themes

## ***Radical changes in the “basic materials” industry (excluding steel) for cleaner, safer and more eco-efficient production - IP; STREPS***

In support of the “production of tomorrow”, the objective is to provide for the basic materials industries through the development of sustainable solutions that do not harm ‘people and planet’ for the whole life cycle of products, equipment and infrastructures. Industrial breakthroughs should be fostered, integrating various innovative technological approaches, in particular biotechnology-based processes, new eco- and renewable materials, eco-design, zero-waste and related control technologies. With regard to the challenge of creating knowledge-based industries at the horizon 2010, attention should be given in the different projects to education and skill development.

## ***Sustainable waste management and hazard reduction in production and manufacturing - NE; CA; SSA***

**The objective is to support life-cycle safety, and minimisation of waste, chemicals and pollution through improved integrated approaches, including bio-processes as well as environmental technologies (e.g. linked with recycling or recovery of products). Sound and human-friendly working conditions and safety aspects for prevention of accidents should also be ensured. A specific target is to create a maximum of synergy with other European, national or regional programmes, in particular due regard to needs of candidate countries. Drivers of co-ordination and support activities should obviously correspond to the IPPC (integrated pollution prevention and control) policy.**

# FP6 and ERA Information on Europa and Cordis Web Sites

## Framework Six Introductory Page

- [http://www.europa.eu.int/comm/research/fp6/index\\_en.html](http://www.europa.eu.int/comm/research/fp6/index_en.html)

## New Instruments Explanations

- <http://www.europa.eu.int/comm/research/fp6/networks-ip.html>

## Presentations from November Conference

- [http://www.europa.eu.int/comm/research/conferences/2002/resources\\_en.html](http://www.europa.eu.int/comm/research/conferences/2002/resources_en.html)

## European Research Area (ERA)

- [http://www.europa.eu.int/comm/research/era/index\\_en.html](http://www.europa.eu.int/comm/research/era/index_en.html)

## Framework Six on Cordis

- <http://www.cordis.lu/fp6/>

## March 2002 call for Expressions of Interest

- [http://eoi.cordis.lu/search\\_form.cfm](http://eoi.cordis.lu/search_form.cfm)