

Framework Programme 7 for Health

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Agenda

1. Introduction: FP7 and the Health Theme
2. Roadmap for 2013 Health Call
3. Horizon 2020
4. NCP Support

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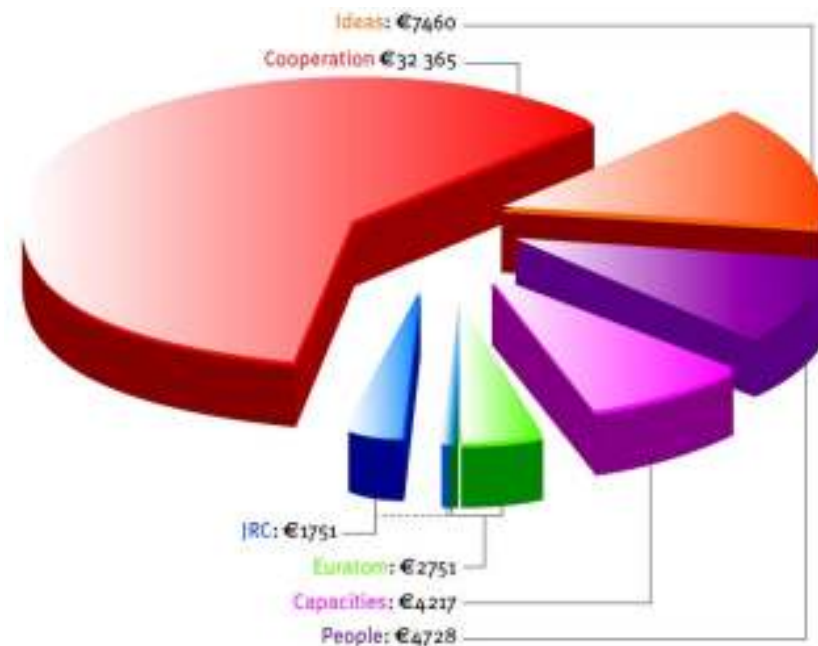
“FP7 work programmes will “continue to secure world excellence in basic research” through large scale collaborative research efforts

JM Barroso 2009

EU Framework Programme FP7

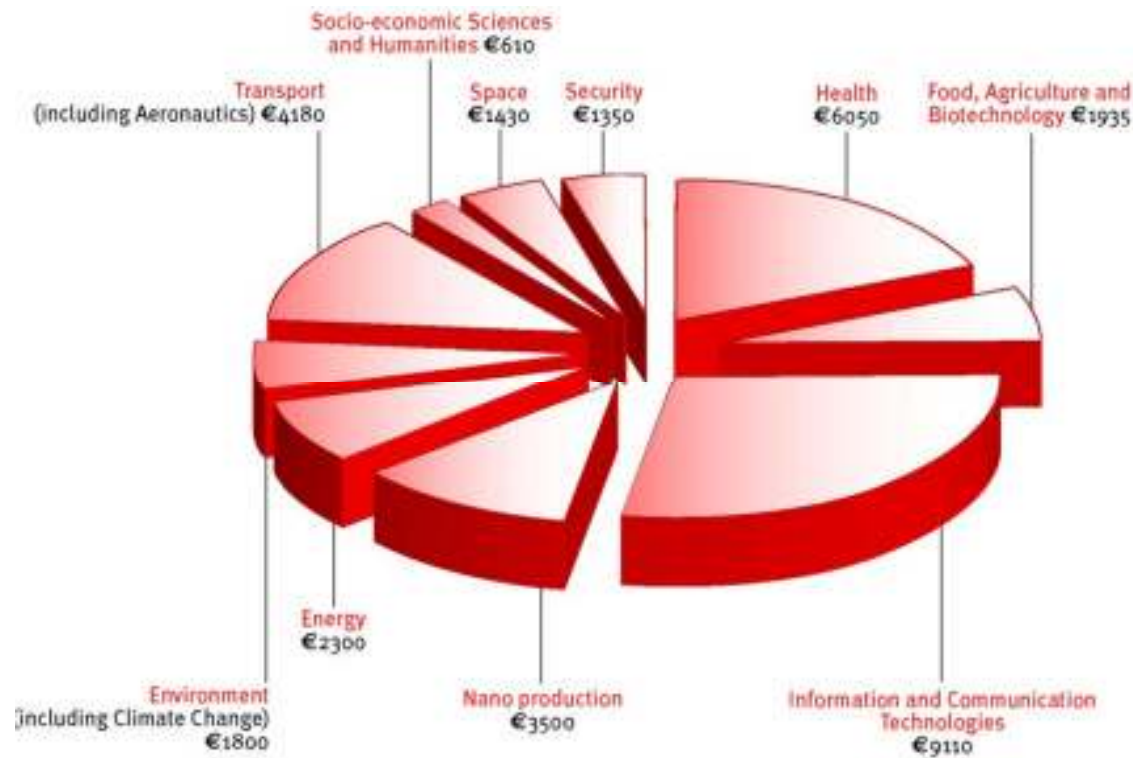
- €53 billion fund supporting R&D at European Level
- Runs between 2007 and 2013 - last funding year is 2013

- Funding structured to resource a variety of research aims
 - Ideas
 - Capacities
 - People
 - Cooperation



Cooperative Research Area

- 10 Cooperation “themes”
- Each has set budget over 7 year period 2007 - 13



Health Theme Overview

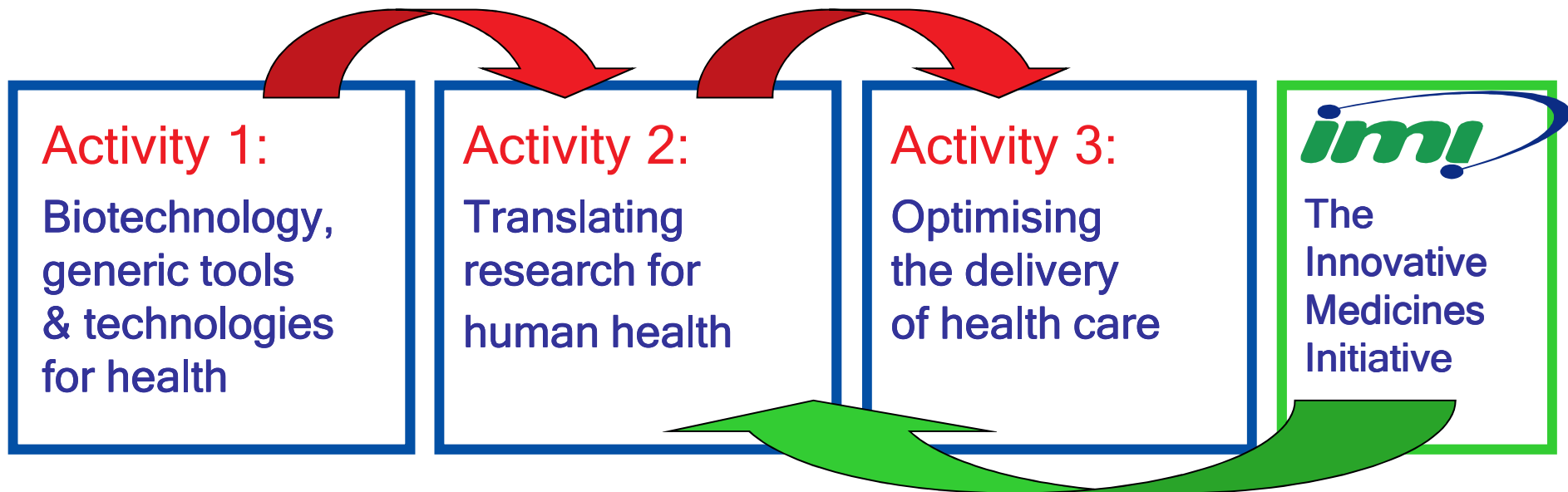
Three key objectives:

- Improve the health of European citizens
- Boost the competitiveness of health related industries
- Address global health issues

Research Strategy

- Four main activity areas
- Maintain pre-determined structure year on year
- Fund individual topics within particular sectors each year
- Build comprehensive research coverage over 7 years

The Health Theme: Structure



cross-cutting issues: international cooperation, SMEs,
child health, ageing populations, gender-related health issues

Activity 4: Support actions & response to policy needs

Health Theme Funding 2007 - 2013

Year	Total Funding	Topics	Projects Funded
2007	€641 million	87	153
2008	€577 million	87	172
2009	€593 million	71	108
2010	€628 million	72	131
2011	€657 million	51	125*
2012	€650 million*	37*	~127**
2013	€780 million**	?	?

* tbc

Collaborative Research - Key Facts

- **High quality research projects** - carried out by consortia of leading academic and industry partners
- **Yearly work programme** - determines project type and subject
- **Minimum eligibility criteria** specified in call documents must be satisfied by applicant consortium
- Projects must meet **Expected Outcomes** stated in call documents
- **Competitive** call for proposals - “expert” peer review evaluation
- **Matched funding** for successful consortia

Collaborative Research: Eligibility

Minimum Consortium eligibility requirements:

- 3 legal entities from minimum of 3 EU Member states or Associated Countries
- All three LEs must be independent of each other
- Other partners added per requirements of project/partner mix
- Some other special eligibility criteria may apply - specified in call documents

Collaborative Research: Funding

Eligible Costs:

Direct costs

- Cost of personnel
- Travel and subsistence allowances
- Purchase cost of durable equipment
- Cost of Consumables
- Subcontracting
- Preparation of financial statements
- Conference fees

Indirect costs

- Up to 60% of total direct costs

Non-eligible Costs

- identifiable indirect taxes including value added tax
- Import/export duties
- interest owed
- provisions for possible future losses or charges
- exchange losses, cost related to return on capital
- costs declared or incurred, or reimbursed in respect of another EU/Euratom *project*
- debt and debt service charges, excessive or reckless expenditure

Collaborative Research - Reimbursement

	Activity	Non-profit public bodies Academic establishments Research Organisations	SMEs	Large Companies and other Organisations
Collaborative projects	RTD	75%	75%	50%
	Demonstration	50%	50%	50%
	Management	100%	100%	100%
	Training	100%	100%	100%
	Other	100%	100%	100%
	Indirect Costs	Real indirect or 60% FR	Real indirect or 60% FR	Real indirect or 20% FR
C & S A	Activity	100%	100%	100%
	Indirect costs	7%	7%	7%

Key Success Factors for SMEs



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Confidential Information

- Discussions are at very early stage
- All aspects are subject to change
- Do not assume titles/topics etc will be in final call
- This information must not be reproduced in the public domain

Approach for 2013

- Focus on limited number of strategic areas
- Fewer prescriptive call topics, all 2 stages
- More strategic approach to International cooperation
- SME targeted topics with min. 15%, 30%, 50% participation
- A number of high budget projects
- Strong Innovation component and new measures to support exploitation of results of on-going projects

Budget

	2011	2012	2013 (projected)
Total Budget (EU +EFTA)	€ 681.7 m	€684.7 m	€796.5 m
General Activities (Cordis, COST)	€9.7 m	€9.6 m	€20 m
Other Activities (Evaluations)	€9.5 m	€ 19.1 m	€11.5 m
Indicative Call Budget	€662.5 m	€656 m	€765 m

Approx. 20% increase for 2013

Thematic Area 1

Biotechnology, generic tools and technologies

1.1 HIGH THROUGHPUT RESEARCH		CLOSED IN THIS CALL			
1.2 DETECTION DIAGNOSIS AND MONITORING	1.2.1	Development of imaging technologies for therapeutic interventions in rare diseases	6,000,000	>1	> 30% EC contribution to SMEs
1.3 SUITABILITY, SAFETY, EFFICACY OF THERAPIES	1.3.1	Modelling Toxic responses in case studies for predictive human safety assessment	12,000,000	1	>15% EC contribution to Industry/SMEs
	1.3-2	Innovative approaches to address adverse immune reactions to biomedical devices, implants and transplant tissues	6,000,000	>1	> 30% EC contribution to Industry/SMEs
	1.3-3	Safety and efficacy of therapeutic vaccines	6,000,000	>1	> 30% EC contribution to Industry/SMEs
	1.3-4	Development of alternative in vitro analytical, immunochemical and other test methods for quality control of vaccines	3,000,000	>1	> 30% EC contribution to SMEs
1.4 INNOVATIVE THERAPEUTIC APPROACHES AND INTERVENTIONS	1.4-1	Controlling differentiation and proliferation in human stem cells	6,000,000	>1	> 15% EC contribution to SMEs (EU only)

Thematic Area 2

Area 2.1: Integrating biological data and processes: large-scale data gathering, systems biology

2.1.1	Large scale data gathering	2.1.1-1	Functional validation in animal and cellular models of genetic determinants of diseases and ageing processes	12,000,000	>1	>30% EC contribution to SMEs
		2.1.1-2	High Impact Research initiative on metagenomics for personalised medicine approaches	30,000,000	1	>30% EC contribution to Industry/SMEs
2.1.2	Systems Biology		CLOSED IN THIS CALL			

Thematic Area 2

Area 2.2: Research on the brain and related diseases, human development and ageing.

2.2.1	Brain and brain-related diseases	2.2.1-1	Prospective data collection and Comparative Effectiveness Research for traumatic brain injury	30,000,000	1	
		2.2.1-2	Development of more effective imaging tools for diagnosis, monitoring and management of psychiatric disorders	6,000,000	>1	>30% EC contribution to Industry/SMEs
		2.2.1-3	Paediatric conduct disorders characterised by aggressive and/or anti-social traits: from pre-clinical research to treatment	6,000,000	>1	> 15% EC contribution to SMEs
		2.2.1-4	Patho-physiology and therapy of epilepsy	12,000,000	>1	> 15% EC contribution to SMEs
2.2.2	Human Development and Ageing		CLOSED IN THIS CALL			

Thematic Area 2

Area 2.3: Translational research in major infectious diseases

2.3.0	Cross-cutting	2.3.0-1	Innovation in Vaccines	6,000,000	>1	>30% EC contribution to SMEs
2.3.1	Anti-microbial drug resistance	2.3.1-1	Novel antimicrobials	6,000,000	>1	> 50% EC contribution to SMEs, EU MS or AC only
		2.3.1-2	Stratified approaches to pathogen-host interactions	6,000,000	>1	
		2.3.1-3	Contribution to global mapping of drug resistance and identification of pathogens of major importance for public health	25,000,000	1	
2.3.2	HIV/AIDS, malaria and TB		CLOSED IN THIS CALL			
2.3.3	Potentially new and re-emerging epidemics	2.3.3-1	Clinical management of new and re-emerging epidemics	20,000,000	1	
2.3.4	Neglected infectious diseases	2.3.4-1	Emerging infectious diseases in Central and Eastern Europe	3,000,000	>1	
		2.3.4-2	Drug development for parasitic diseases	12,000,000	>1	> 15% EC contribution to SMEs

Thematic Area 2

Area 2.4 Translational research in other major diseases

2.4.1	Cancer	2.4.1-1	Investigator-driven treatment trials on advanced therapies to combat metastases in patients with solid cancer	6,000,000	>1	
		2.4.1-2	Strengthening the cancer patient's immune system	6,000,000	>1	>30% EC contribution to Industry/SMEs
		2.4.1-3	Investigator-driven supportive and palliative care clinical trials	6,000,000	>1	
2.4.2	Cardiovascular diseases	2.4.2-1	Discovery research to reveal novel targets for cardiovascular disease treatment	6,000,000	>1	> 30% EC contribution to SMEs
		2.4.2-2	Comparative Effectiveness research of existing tools for diagnosis and treatment of cardiovascular diseases	6,000,000	>1	
2.4.3	Diabetes and obesity		CLOSED IN THIS CALL			
2.4.4	Rare Diseases		CLOSED IN THIS CALL			
2.4.5	Other chronic diseases		CLOSED IN THIS CALL			

Thematic Area 3

Optimising the delivery of healthcare

<p>3.1 TRANSLATING THE RESULTS OF CLINICAL RESEARCH OUTCOME INTO CLINICAL PRACTICE INCLUDING BETTER USE OF MEDICINES, AND APPROPRIATE USE OF BEHAVIOURAL AND ORGANISATIONAL INTERVENTIONS AND NEW HEALTH THERAPIES AND TECHNOLOGIES</p>	<p>3.1-1</p>	<p>Comparative Effectiveness Research in Health Systems and health service interventions</p>	<p>6,000,000</p>	<p>>1</p>	
<p>3.2 QUALITY, EFFICACY AND SOLIDARITY OF HEALTHCARE SYSTEMS INCLUDING TRANSITIONAL HEALTH SYSTEMS</p>		<p>CLOSED IN THIS CALL</p>			
<p>3.3 HEALTH PROMOTION AND PREVENTION</p>	<p>3.3-1</p>	<p>Social Innovation for health promotion</p>	<p>3,000,000</p>	<p>>1</p>	<p>>15% EC contribution to SMEs</p>
<p>3.4 INTERNATIONAL PUBLIC HEALTH AND HEALTH SYSTEMS</p>		<p>CLOSED IN THIS CALL</p>			

Thematic Area 4

Other actions across the Theme

4.1 COORDINATION AND SUPPORT ACTIONS ACROSS THE THEME	4.1-1	Support to high-technology research-intensive SMEs operating in the Health sector	2,000,000	1	Coordinating Action
	4.1-2	Impact of EU legislation on health research	500,000	1	Supporting Action
	4.1-3	Support for Presidency events: Organisation of supporting actions and events related to the Presidency of the European Union	100,000	>1	Supporting Action
	4.1-4	Preparing the future for health research and innovation	500,000	>1	Supporting Action
4.2 RESPONDING TO EU POLICY NEEDS	4.2-1	Investigator-driven clinical trials for off-patent medicines using innovative, age appropriate formulations and/or delivery systems.	6,000,000	>1	>30% EC contribution to Industry/SMEs
	4.2-2	Adverse drug reaction research	3,000,000	>1	>15% EC contribution to SMEs
	4.2-3	New methodologies for clinical trials for small populations	3,000,000	>1	

Next Steps

- Jan 2012: draft WP available
- Feb 2012: Programme Committee meeting
- Further drafts through March - May 2012
- Formal PC consultation June 2012
 - WP publicly available and Info Day Brussels

- Call opens July 2012

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Horizon 2020

Increased budget:

Commission proposes €80 billion research and innovation funding programme for 2014-20.



Horizon 2020: Greater focus on challenges

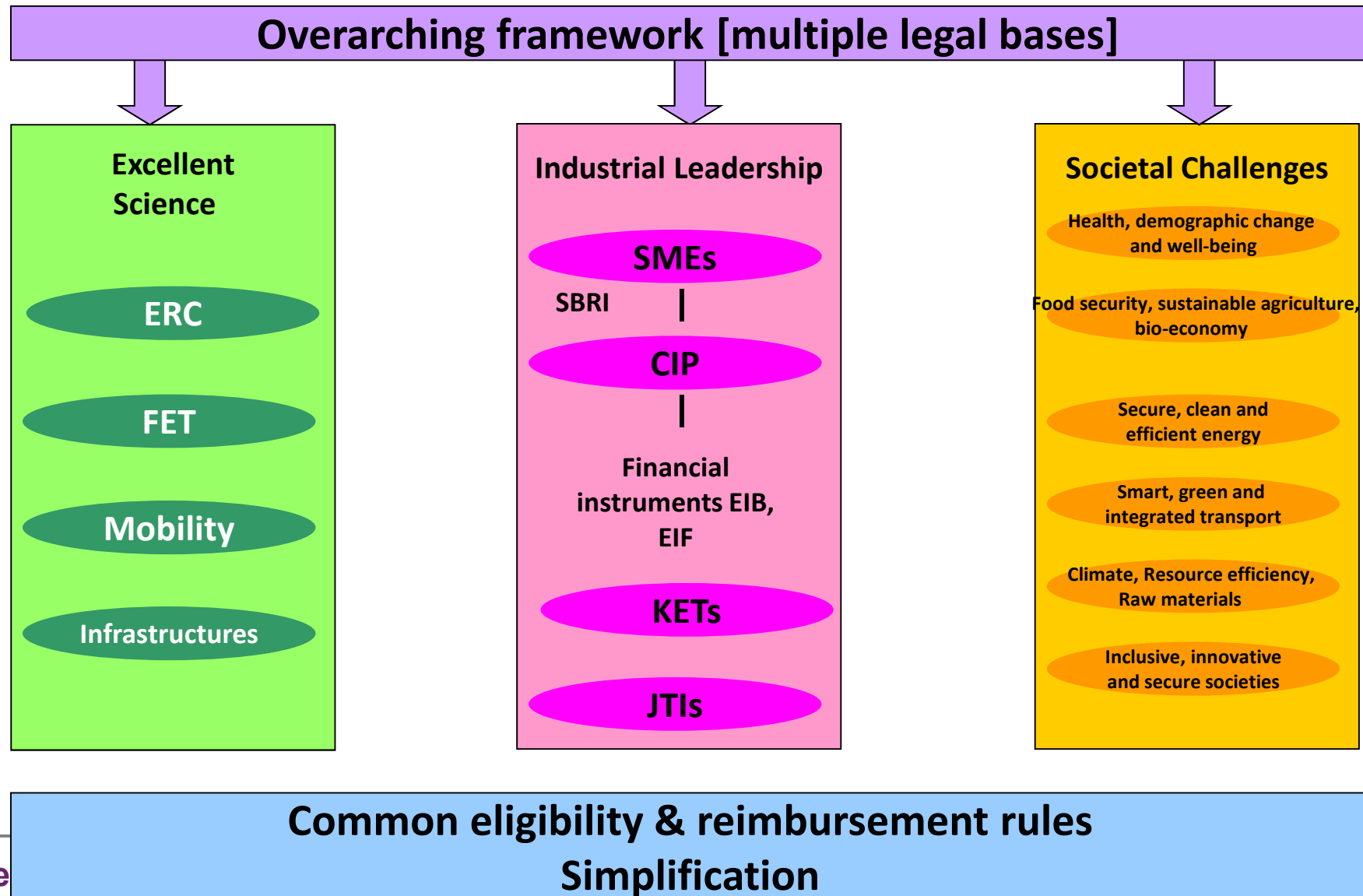
Why:

- EU policy objectives (climate, environment, energy, transport etc) cannot be achieved without innovation.
- Breakthrough solutions come from multi-disciplinary collaborations, including social sciences & humanities.
- Promising solutions need to be tested, demonstrated and scaled up.

Horizon 2020: What's new?

- A single programme bringing together three separate programmes/initiatives (FP7, CIP, EIT),
- More innovation, from research to retail, all forms of Innovation,
- Focus on societal challenges facing EU society, e.g. health, clean energy and transport,
- Simplified access, for all companies, universities, institutes in all EU countries and beyond.

Proposed Horizon 2020 structure



Funding breakdown

	€ billion	% of total
Excellent Science	27.8	32%
Industrial Leadership	20.3	23%
Societal Challenges	35.9	41%
EIT	1.5 standalone + 1.6 from other pillars	1.8% standalone (or 3.6% overall)
JRC	2.2	2.5%

Funding breakdown: societal challenges (€ billion)

Health, demographic change and wellbeing	8,03
Food security, sustainable agriculture, marine and maritime resources & the bioeconomy	4,15
Secure, clean and efficient energy* <small>* Additional €1 050m for nuclear safety and security from the Euratom Treaty activities (2014-18). Does not include ITER</small>	5,78
Smart, green and integrated transport	6,80
Climate action, resource efficiency and raw materials	3,16
Inclusive, innovative and secure societies	3,82

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NCP Support

Informing and Awareness Raising

- Call documents and supporting information
- Website and printed newsletters, e-bulletins
- Promotional activities - info days, seminars,
- Signposting - other themes + funding schemes



NCP Support

Advising, Assisting and Training

- Helpline - e mail or telephone queries
 - All aspects
- Partner search
 - CORDIS, SMEs Go Health, NCP network
- Direct support
 - Topic and project matching, proposal screening

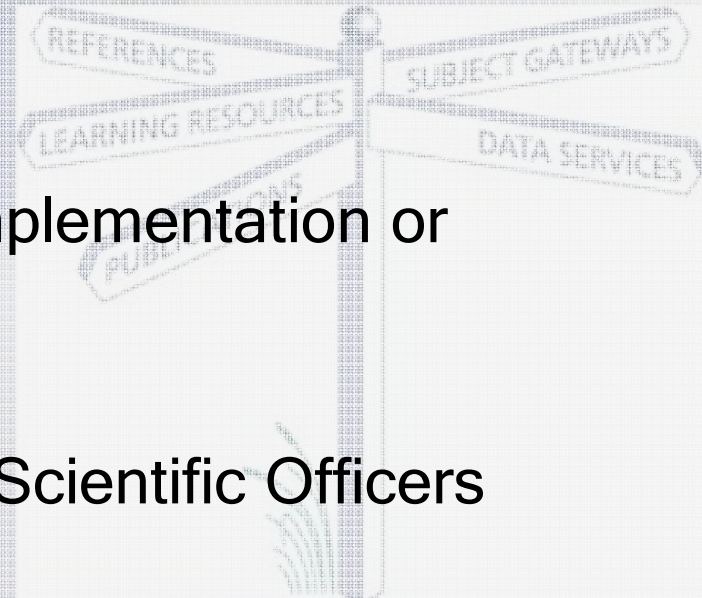


All advice is confidential, impartial and free

NCP Support

Feedback and Signposting

- Problems or difficulties during implementation or participation
- Direct contact with Commission Scientific Officers
- Identifying and communicating other areas of support and funding, e.g. EEN, RDA,



Support and Further Information

The screenshot shows the CORDIS website homepage with the following layout:

- Header:** European Commission logo, CORDIS logo, and navigation links (Home, News, Funding, Results, Themes, Contact, Look it up, Interact - Help).
- Search:** Search bar with options for 'New Search (Beta)', 'Basic', and 'Advanced Search'.
- Main Content:**
 - Welcome to the CORDIS Website:** The gateway to European research and development.
 - Research Funding:** 7th Framework Programme (FP7) Official portal for participation. Includes links for Calls, Partners, Contacts, Projects, and Documents.
 - Previous Framework Programmes:** FP6 - FP5 - FP4.
 - Practical guide for EU Funding:** Find your way to the right funding scheme.
 - European Research Area (ERA):** Free movement of knowledge.
 - Latest news and publications:** Includes articles like 'New EU-funded research into health of north African migrants' and 'Study raises TB vaccine hopes'.
- Do not miss:** A list of recent calls and news items on the left side.
- Events:** A list of upcoming events such as 'International working conference on enterprise interoperability' and 'Fracture control of spacecraft launchers'.
- Researchers' Corner:** A section for researchers to register as an expert.

Support and Further Information

Fit for Health
www.fitforhealth.eu

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Fit for Health - INTERNATIONAL WORKSHOP
VALORISATION OF FP7 R&D RESULTS
Tuesday 11 October 2011 – Hannover, Germany

Click here for more information

Welcome to Fit for Health !

Fit for Health is a network of experts for the successful participation of research centres, universities and innovative SMEs in EU-funded "HEALTH" research projects.

The success of the **SMEs go Health** project in its support of SMEs and researchers prompted a new follow-up initiative entitled **Fit for Health** which started in October 2010.

Fit for Health offers wide-ranging services specifically for research-intensive, high technology SMEs and researchers in the EU-funded "Health" thematic priority of FP7.

Our team of 27 partners comprise highly experienced research management companies and FP7 national contact points (NCPs) for "Health" and "SMEs", with renowned innovation experts and trainers, and ensure excellent coverage of the entire innovation pipeline: we help innovative SMEs, researchers from universities and research centres during **all phases of FP7 projects**, from the project idea to the efficient and effective valorisation of project results.

Fit for Health is optimally connected to other **key support networks** for SMEs, offering a synergistic benefit for SMEs and researchers acting in the Health-related area.

Download the Fit for Health newsletter issue 4
October 2011

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Click here to login

Latest News

12/10/2011
Use SUCCEED-IT free of charge Collaborative platform to prepare your successful FP7 project online

05/10/2011
Predict at a glance your opportunities to enter in a successful FP project with the KAPPA-Health online tool

26/09/2011
European SME Week 2011, 3-9 October

> More news

Upcoming Events

17/11/2011
Healthcare Brokerage Event MEDICA 2011 (Germany)

23/11/2011
Scientific Congress: The Sensitivity Tool-Box and scientific spin-offs (Belgium)

> More events

FFG
Project coordinated by the FFG - Austrian Research Promotion Agency

Support and Further Information

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