



Age, Health and Nutrition in Europe: European Funding Opportunities

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Introduction to FP7

- The European Framework Programme for Research, Training and Development FP7 2007-2013
- FP7 is designed to achieve European objectives and goals and to complement activities in Member States
- Aims towards creation of a 'European Research Area' and the 'Lisbon' objective
- Designed to respond to Europe's employment needs and competitiveness
- Budget of €50 521 million.

FP7 and the Health Theme

Cooperation €32.4bn

Ideas €7.5bn

People €4.7bn

Capacities €4.1bn

Framework Programme 7

Cooperation

- 10 thematic research areas
- European priority driven top down research. Scientific support to policy
- Transnational cooperation, from collaborative projects and networks to the coordination of research programmes

Framework Programme 7

Cooperation

- International cooperation between the EU and third countries is an integral part of this action
- Encouraged to include SMEs/industry
- Different topic themes have different rules e.g. budget limits
- Topics are very specific, and successful projects will meet the requirements of the topic exactly

Cooperation Themes

Health	€6.1bn
Food, Agriculture, Fisheries, Biotechnology	€1.9bn
Information and Communication Technologies	€9.1bn
Nano-sciences, nano-technologies, materials and new production technologies	€3.5bn
Energy	€2.4bn
Environment	€1.9bn
Transport	€4.2bn
Socio-economic sciences and the humanities	€0.6bn
Space	€1.4bn
Security	€1.4bn

The Health Theme: Objectives

- Improve health of European citizens
- Increase competitiveness of European health-related industry
- Address global health issues
- Emphasis on
 - translational research
 - new therapies
 - diagnostic tools and medical technologies
 - child health
 - health of ageing population
 - healthcare systems
 - health promotion/disease prevention

Health Theme Statistics

	1 st call	2 nd call
Deadline	19/4/07	18/9/07
Budget	€635m	€567m
Number of eligible applications	893	865
Percentage above funding threshold (10/15)	48%	50%

Health Theme Statistics

	1 st call	2 nd call
Number shortlisted (funded)	152	167
Success rate per proposals	17%	19%
Success rate per participation	15%	17%
UK success rate per participation	22%	28%

Documentation

- Work Programme
 - Lists call topics
 - Draft currently available from your NCP
 - Final version will not be released until the call is launched in July
- Guidelines for Applicants
 - Provides information on what to include in your application
 - Previous versions available from your NCP
 - Final versions will not be released until the call is launched in July
 - A different guide for each 'funding scheme'

Work Programme: topic example

- **HEALTH-2010 1.2-3 Single stage - Harmonization, validation and standardisation in genetic testing:** This Coordinated Action should promote harmonisation and quality assurance of genetic practice and give consideration to non-invasive prenatal diagnostics. It should contribute to accreditation and certification, and provide quality-assured information, including informatics tools. Outcomes should be validation of methods and technologies, training, counselling, quality procedures and guidelines.
Funding scheme: Coordination and Support Action (Coordinating Action)
EC contribution: max EUR 2 000 000
Only up to one project can be selected.
Expected Impact: The action should lead to harmonisation..
Justification: The demand for genetic tests has increased...
Check with NCP for 'special requirements'

Health theme funding schemes

Funding scheme	Requested EC contribution €m	
	Min	Max
Collaborative Project (Large-scale integrating project) - IP	6	12
Collaborative Project (Small and medium-scale focused research project) - FP	x	3 or 6
Network of Excellence - NoE	x	12
Coordination and Support Action (Coordinating Action) - CSACA	x	2
Coordinating and Support Action (Supporting Actions) - CSASA	x	0.5

Health funding schemes

- For IP, FP, NoE, CSACA at least 3 legal entities in at least 3 different MS/AC
- For CSASA, at least 1 MS/AC legal entities
- IPs, NoEs, CSAs, only 1 funded per topic unless otherwise stated
- FPs, usually more than 1 funded
- Slides indicate where the topic text differs from these guidelines

The Health Theme

1
Biotechnology,
generic tools
and medical
technologies
for human
health

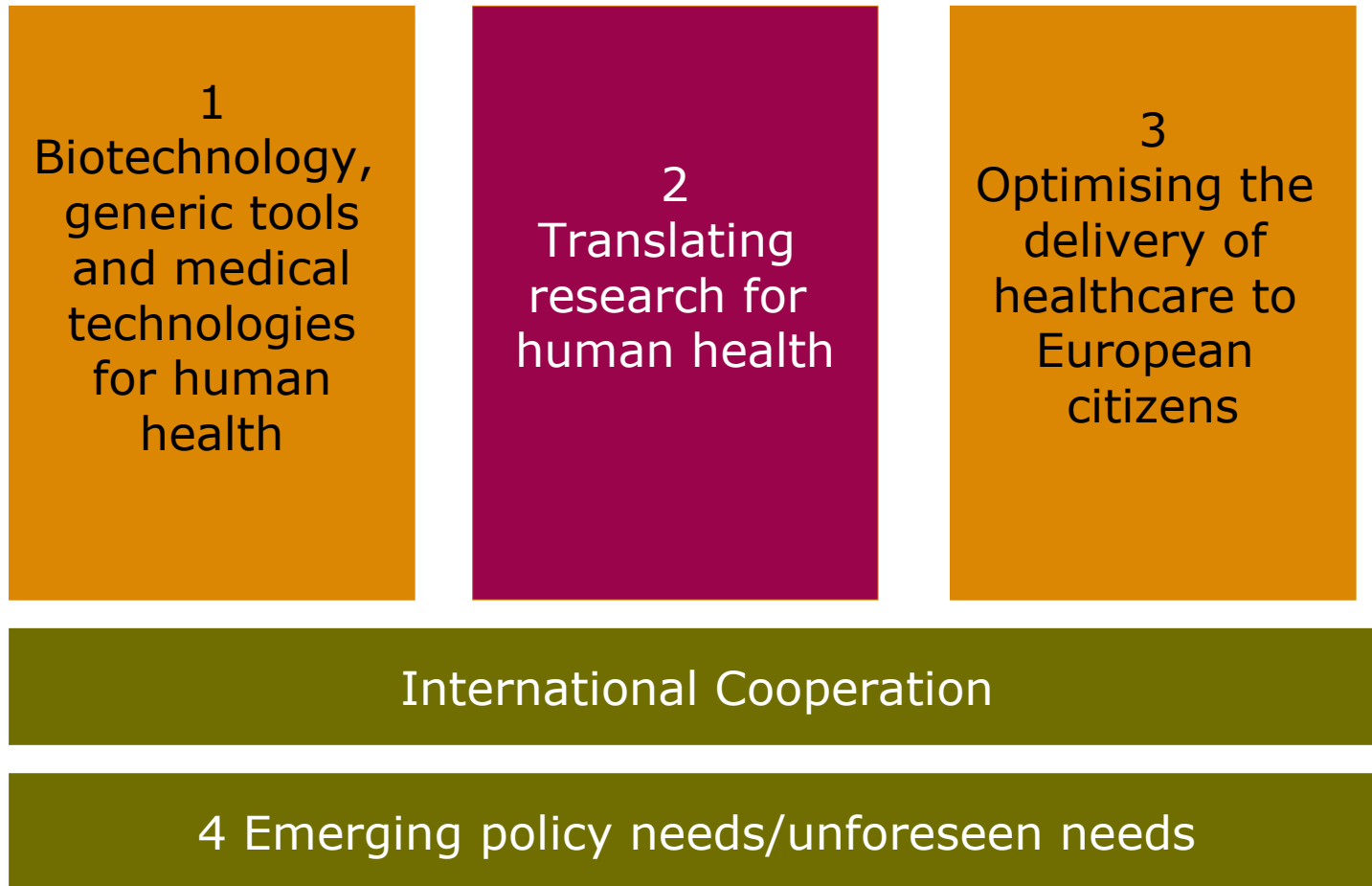
2
Translating
research for
human health

3
Optimising the
delivery of
healthcare to
European
citizens

International Cooperation

4 Emerging policy needs/unforeseen needs

The Health Theme



Health topics: pillar 2

- Translating research for human health
 1. Large-scale data gathering +systems biology
 2. Brain and brain-related diseases+ human development and ageing
 3. Major infectious diseases
 4. Other major diseases
 5. Other chronic diseases

Health Topics: Pillar 2

- 2.2.1 Brain and brain-related diseases
- Topics on neurodegeneration to be developed.....

Health Topics: 2.2.2 Human development and ageing Calls 1,2,3

- 5 topics, with €32m.
- 5 funded out of 20 submissions
- Topics covered:
 - Reconstituting immune function at old age
 - Termination of developmental processes and their reactivation in adult life
 - Biomarkers of ageing
 - Increasing the participation of the elderly in clinical trials
 - Healthy ageing across the EU
- No topics in the 3rd call.

Health Topics in 4th calls: 2.2.2 Human development and ageing

- 2.2.2-1 Role of early-life developmental processes in longevity determination
(CP-IP) Two stage
- 2.2.2-2 Homeostasis in human development and its effects on lifespan
(CP-FP –€6m) Two stage
- 2.2.2-3 Integrative systems biology and comparative genomics for studying human ageing
(CP-IP) Two stage

Health Topics in 4th calls: 2.2.2 Human development and ageing

- 2.2.2-4 Markers of cellular senescence for human ageing
(CP-FP) *Only 1 project can be selected*
Single stage
- 2.2.2-5 Frailty and its implications in modern society
(CSASA) *Single stage*

Health Topics: Future calls

- Input through National Contact Point and Programme Management Committee representatives
- UK PMC delegation is led by MRC
- Submissions welcome from late spring onwards; deadline in October 09
- For ageing/nutrition topics will need to coordinate with KBBE PMC reps
- Encourage your partners to correspond with their national reps
- Consider how your topics fits with the 'Specific Programme' and topics that have been in previous calls
- Present suggestions as a strategic area, not your own project idea
- Every year some areas are closed; we do not know yet whether ageing will feature in 2011 WP

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KBBE possible future calls

- Area 2.2.2 Nutrition
 - KBBE-2010-2-2-01: Neurological pathways regulating hunger/satiety and gut behaviour
 - KBBE-2010-2-2-02: Diet and prevention of functional decline of the elderly
 - FP7-KBBE-2010-4: Identifying research needs on malnutrition in sub-Saharan Africa – SICA (African ACP)
 - NB timings, budget limits and other conditions will be different from the Health Theme

FP7 and the Health Theme

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Framework Programme 7

Ideas

- Formation of European Research Council
- New to FP7
- To enhance competition at European level for 'frontier research'
- 'bottom-up' approach, no preference for any particular topics
- Scientific excellence as the sole criterion for funding
- No nationality or mobility requirements

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Ideas

- Starting Investigator Grants
 - Grants of up to €2 million over 5 years
 - Average requested grant size: €1.1m
 - Average success rate for hosts was ~3.3%
 - UK success rate as host ~5.2%
 - UK hosts 19% of grants
 - Success rate for 2nd calls expected to be ~10-12%
 - Next calls launched in spring with autumn deadlines

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Ideas

- Advanced Investigator Grants
 - Grants of up to €2.5 million over 5 years
 - Average requested grant size (LS): €2.1m
 - Average success rate for hosts was ~12.6%
 - UK success rate as host ~19.7%
 - UK hosts 21% of grants
 - Next calls launched in autumn with spring deadlines

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Framework Programme 7

People

- Marie Curie Actions
 - To make research an attractive career choice
 - To encouraging researchers from Europe and the whole world to conduct their research in Europe
 - To allow researchers to develop their skills and knowledge through inter-sectoral and transnational mobility
 - 'Bottom-up' choice of research topic

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People

- Marie Curie Actions
 - Initial training of researchers (Marie Curie Networks)
 - Life-long training and career development (individual fellowships, reintegration grants, co-financing of new or existing programmes)
 - Industry-academia pathways and partnerships
 - International dimension (Outgoing and incoming international fellowships, international reintegration grants)

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People

- Success rate by proposal is 32%
- Success rate by applicants is 33%

Support within the UK

- UKRO: UK Research Office: www.ukro.ac.uk
- National Contact Points:
<http://www.fp7uk.dti.gov.uk/Site/overview/default.cfm>
- Regional Development Agencies

-
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 - http://cordis.europa.eu/fp7/home_en.html