

Short overview of the most important
amendments to EC FP7 proposal
proposed by the European Science Social Forum, an alliance of non for profit
civil society organisations for another European Science Policy

(You will find the **corresponding full textes amendments** in the document
attached. At the end of each THEME you will find a short general comment.)

Introduction

- 1) rephrase alinea 1 and introduce that science fulfills a variety of needs and missions: cultural, social, democratic. It is not only about competitiveness.
- 2) Insert an alinea on that the Community wishes to mobilise and strengthen all research and innovation capacities, including those of non for profit civil society organisations (CSOs).
- 3) Alinea 15 : include CSOs
- 4) Insert an alinea on the need of a pluralist independent expertise

Articles

Article 2 (2) on themes:

- b) Food and agriculture (without biotechnology), change this everywhere where mentioned
- i) Peace reserach and conflict prevention instead of Security and Space

Article 2 (5): add : research for the benefit of non profit CSOs

Annexe 1

I. Cooperation

- 1) Insert a paragraph on the setting up of a « European Social Innovation platform » with CSOs and research institutions (in complementation to « European Technology Platforms »)

THEMES

1. Health

Objectives and rationale:

- 1) suppress: first sentence of rationale; « Research based SMEs ...regenerative medicine. »
- 2) change: molecular and genetic approaches are not sufficient to reduce disease burden in Europe; investigate emerging complex research domains such as environment and health, toxicology and toxicogenomics, expology, genecology
- 3) strengthen: the prevention of diseases; equal acces of the people to the results of public research
- 4) add: neglected diseases and North-South partnerships

Activities:

- 1) Add a paragraph on Basic and applied research for environmental health

2. Food and Agriculture

Objectives and rationale:

- 1) suppress: first paragraph of rationale
- 1) introduce: farmers as actors of agriculture; low-input agriculture; new methodologies to investigate environmental impacts of agriculture and fishery; dialogue with local farming knowledge

Activities:

- 1) add: Enabling research for low-input and sustainable farming systems; Enabling research for local food production systems
- 2) add a paragraph on Conservation and sustainable use of agricultural biodiversity

3. Information and Communication Technologies

Objectives and rationale:

- 1) add: ICT as a democratic tool; support of free software

4. Nanosciences, Nanotechnologies, Materials and New Production Technologies

Objectives and rationale:

- 1) replace: nanotechnologies for industrial competitiveness by nanotechnologies to improve living conditions
- 2) suppress: first paragraph of rationale
- 3) add: questions of risks and impacts on environment and health of nanotechnologies; social and ethical issues, public attitudes; nanotechnologies for sustainable development (energy saving, renewable energy, water purification)

Activities:

- 1) unify: paragraphs on nanosciences and materials and paragraphs on new production and integration of technologies
- 2) add: paragraphs on Impact on human health, environment and safety; social and public attitudes; Nanotechnologies into sustainable development issues

5. Energy

Objectives and rationale:

- 1) focus: on renewable energies (have to be mentioned explicitly in 'Objectives')
- 2) suppress: in the rationale: « Radically transforming... demonstration and deployment. »

Activities:

- 1) add: short circuits; reduction of energy needs in agriculture and forestry

6. Environment

Objectives and rationale:

- 1) add: in first paragraph of rationale: responding to citizens demands (not only to industry)
- 2) focus: on the strong link between environment, energy, health and transport

Activities:

- 1) add: in Earth observation and assessment tools: social appraisal of technology impacts

7. Transport

Objectives and rationale:

- 1) add: restrict transport needs by developing short and local circuits; restrict and prevent growth in aviation and surface transport given the sector's threat to sustainability

Activities:

- 1) suppress: in Aeronautics and air transport: second paragraph on Increasing time efficiency and fourth paragraph on Improving cost efficiency
- 2) add: paragraph on Reducing need or desire to fly

8. Socio-Economic Sciences and Humanities

Objectives and rationale:

- 1) replace: in Objectives: « growth, employment and competitiveness » by new social inequality and a widening gap between rich and poor, plural societies and cultural diversity, accelerated economic restructuring
- 2) add: a paragraph on permanent and disseminated innovation in the knowledge society where society as a whole becomes a common creative place; address social and environmental benefits as a criteria when introducing new technologies; focus on local research needs

Activities:

- 1) suppress: first paragraph on Growth, employment and competitiveness
- 2) add: paragraphs on Social inequalities under conditions of accelerated economic restructuring; on Governance of cultural diversity; on Sustainable consumption
- 3) add: in paragraph Major trends: the role of citizens in the « scientific-technical democracy »; in Socio-economic and scientific indicators: long term social and environmental parameters

9. Security and Space

replace the THEME by **Peace research and conflict prevention**

Objectives and rationale:

- 1) add: Non-violent conflict prevention and resolution processes; Social processes for overcoming gender and racial discrimination; Generation of mechanisms that ensure the clear and transparent separation of civilian and military research and applications

People

Activities:

add after 'Industry – academia pathways and partnerships' a paragraph on Civil Society Organisation – academia pathways and partnerships

IV.Capacities

add: to Strengthening innovative capacities of SMEs and civil society organisations; add a point on: Strengthening and improving the democratic governance of the European Science and Technology Policy, through participatory Technology assessment and foresight

Research infrastructures

add in Objectives after 'industry': public bodies and civil society organisations

add in Activities: in Support to new infratructures: In particular, research fields linked to sustainable development, e.g. renewable energies, toxicity testing of chemicals, organic agriculture, will benefit from these new infrastructures.

Research for the benefit of SMEs

add in Objectives: renewable ennergy and energy efficiency sector, public health domain, sustainable food production, waste reduction

add an Instrument on **Research for the benefits of CSOs**

Objectives

Strengthening the innovation capacity of European CSOs and their contribution to the development of the European knowledge society.

Activities:

enhance NGO - academic joint research and innovation projects and to support the professional mobility of researchers between the non profit sector and public research institutions.

Regions of knowledge

Objectives and Activities:

add: non for profit civil society organisations

Science in society

Objectives:

add: democratic governance

Rationale:

add: a paragraph on the growing uneasiness in the relation between science and society; on the diversification of types of knowledge recognised as relevant

Activities:

add: open science; use of participatory tools; opportunities for scientists to work for CSOs

Annex II

Indicative breakdowns among programmes

It is critical that there is a re-allocation of funds which better reflects the scale and urgency of social and environmental problems to which science and technology can help tackle. The budgets for Ideas, People and Capacities should be reequilibrated. A budget for « Research for the benefit of CSOs » has to be introduced.

Annex III

Funding schemes

add: paragraph 7. Research for the benefits of CSOs