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# European Union Sixth Framework Programme (FP6)

**“Science and Technology-Europe Africa Project” (ST-EAP)**

**An FP6 SSA (Specific Support Action)**

**Introduction to Seventh Framework Programme (FP7)**

Call identifier: FP6-2002-INCO-COMultilatRTD-SSA-5

**EuroAfrica-ICT  
Awareness  
Workshop**



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# European Union's Framework Programmes

- **EU's main instrument for funding R&D**
- **FP1: (1984-1987)**
- **FP2-FP6 : 4 years**
- **FP7: 7 years 2007-2013**
- **EU's main instrument for funding R&D**
- **Will run from 2007 to 2013**
- **Total budget: 50,5 billion EURO (approximately R450 billion)**
- **Addresses social, economic, environmental and industrial challenges**



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## FP7 participation

- **Implementation through defined calls for proposals**
- **Full electronic submission**
- **European partners are needed for participation**
- **Legal personality – natural or legal person**
- **Abandon collective financial responsibility**
- **Guidance for IP in consortium agreements**
- **Independent experts for evaluation and monitoring**
- **EU FP7 web site:**  
[http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html)



# Collaborative research

<b>I. Thematic Areas</b>	<b>Budget (€ million)*</b>
<b>1 Health</b>	<b>8.373</b>
<b>2 Food, agriculture and biotechnology</b>	<b>2.472</b>
<b>3 Information and communication technologies</b>	<b>12.756</b>
<b>4 Nanosciences, nanotechnologies, materials and new production technologies</b>	<b>4.865</b>
<b>5 Energy</b>	<b>2.951</b>
<b>6 Environment (including climate change)</b>	<b>2.552</b>
<b>7 Transport (including aeronautics)</b>	<b>5.981</b>
<b>8 Socio-economic sciences and the humanities</b>	<b>797</b>
<b>9 Space</b>	<b>1.430</b>
<b>10 Security</b>	<b>1.400</b>



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# 3<sup>rd</sup> country participation

- Organisations or individuals from countries outside of the EU and Associated States can participate in FP7 but can't lead a project with exception of Support Action.

## Participation per programme (“Instruments”)

- Cooperation - as partners
- Ideas programme - as participants in European-led research teams
- People - as beneficiaries of training and career development activities
- Capacity - in international activities promoting strategic cooperation



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# Collaborative research

## **1 Health**

- **Biotechnology, generic tools and technologies for human health**
- **Translating research for human health (discoveries to clinical applications)**
- **Optimising the delivery of healthcare to citizens (health systems)**

## **2 Food, Agriculture and Biotechnology**

- **Sustainable production and management of biological resources**
- **“Fork to farm”: Food, health and well being**
- **Life sciences and biotechnology for sustainable non-food products**

## **3 Information and Communication Technologies**

## **4 Nanosciences, Nanotechnologies, Materials and new Production Technologies**

- **Nanosciences and Nanotechnologies**
- **Materials**
- **New Production**
- **Integration of Technologies for Industrial Applications**



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# Collaborative research

## **5 Energy**

- Hydrogen and fuel cells
- Renewable electricity generation and fuel production
- Renewables for heating and cooling
- Near zero emission power generation
- Smart energy networks
- Energy efficiency and savings
- Knowledge for energy policy-making

## **6 Environment (including Climate Change)**

- Climate Change, Pollution and Risks
- Sustainable Management of Resources
- Environmental Technologies
- Earth Observation and Assessment Tools

## **7 Transport (including Aeronautics)**

- Aeronautics and Air Transport
- Surface Transport (Rail, Road and Waterborne)
- Global Satellite Navigation – Galileo
- Integrated, greener and smarter transport systems



# Collaborative research

## **8 Socio-Economic Sciences and the Humanities**

- Growth, employment and competitiveness in the knowledge society
- Combining economic, social and environmental perspectives
- Major trends in society and their implications
- Global geo-political relations
- The citizen
- Socio-economic and scientific indicators
- Foresight activities

## **9 Security**

- Protection against terrorism and crime
- Security of infrastructures and utilities
- Border security
- Restoring security in case of a crisis
- Security systems integration and interoperability
- Security and society
- Security research coordination and structuring

## **10 Space**

- Space-based applications at the service of society
- Exploration of space
- RTD for strengthening space foundations



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# EU FP7 PROCESS (1)

- Read the Work Programmes very carefully-note the closing dates, look at the indicative calls
- You can only respond to calls-it is not proactive
- Read all Work Programmes your expertise may be applicable in many areas
- It must fit into your long term strategy
- What expertise can you offer to the call?
- Don't be afraid: you will never coordinate the projects
- Look carefully at the type of project; Collaborative, CA, SSA. Know what is research
- Avoid being a sub-contractor
- INCO: no longer supports research
- Look for calls where Third Countries are required
- Many EU countries don't know that we can be funded partners in the Thematics



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# EU FP7 PROCESS (2)

## **Finding partners and consortia-one of the biggest barriers**

- you must be pro-active
- advertise on all the partner search mechanisms eg Cordis
- approach people in Europe and ask them
- search the projects in FP4, 5 and 6
- look for an experienced coordinator
- try to be part of the project from its beginning
- don't be a "token" third country
- be prepared to sign agreements that you will not join a competing consortium in the same call
- ask NCPs: EU and many of the Third Countries (NCP contacts on Cordis)



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# EU FP7 PROCESS (3)

- **Know why you are doing it: develops your S&T expertise base, opportunities for HCD, access to critically important networks and partners**
- **Ensure that everybody knows: financial managers, departmental head, personnel etc**
- **You will always have to find co-funding so look at the budget model carefully and ensure that you do not under-budget**
- **Be prepared to justify your budgets**
- **It takes time: typically 18 months from submission until the project starts**
- **Respond to requests from the coordinator promptly**
- **Study the IP implications carefully**
- **Become an evaluator and learn how it works**



# EU FP7 Budget Example (Values in Euros)

Organisation	Personnel costs <sup>a</sup>	Sub-contracting <sup>b</sup>	Other direct costs <sup>c</sup>	Indirect costs <sup>d</sup>	Total budget <sup>e</sup>	Maximum total reimbursement value <sup>f</sup>	Max.requested EC contribution <sup>g</sup>
<b>R&amp;D PROJECTS</b>							
	1	2	3	4	1+2+3+4	$(1+2+3+4)*0.75$	
Science Council (standard flat rate for indirect costs) <sup>***</sup>	200 000	50 000	100 000	400 000 (1 * assumed overhead rate)	750 000	562 500	562 500
University / SME (special transition rate for indirect costs: 60%) <sup>***</sup>	200 000	50 000	100 000	180 000 $(1+3) \times 0.6$	530 000	397 500	397 500
<b>SUPPORT ACTION PROJECTS</b>							
	1	2	3	4	1+2+3+4	$1+2+3+((1+3)*0.07)$	
Science Council	200 000	50 000	100 000	400 000	750 000	371 000	371 000
University / SME	200 000	50 000	100 000	180 000 $(1+3) \times 0.6$	530 000	371 000	371 000

b paid directly by the contractor  
c for example; S&T, consumables etc, only "eligible" costs  
\*\*\* financial system dependent

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# European Union Sixth Framework Programme (FP6) ST-EAP

## Contact Persons

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