



# International cooperation in the EU Framework Programmes **Health research**



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1 **March 2010**





# International Cooperation in FP7

## 3 different avenues:

### 1. All activities open for International Cooperation

- International Cooperation Partner Countries (ICPCs) can participate in projects and receive EC funding
- Industrialised countries may be funded if their participation is seen as essential for the project or if provided for in the call
- Minimum number of participants: 3 from MS/AC

### 2. Specific International Cooperation Actions

- Address specific issues that partner countries face or have a global character, on the basis of mutual interest and benefit
- Minimum number of participants: 2+2 (2 from MS/AC + 2 from ICPCs)

### 3. Bilateral agreements for targeted co-funding

- Individual agreements with specific countries e.g. Russia

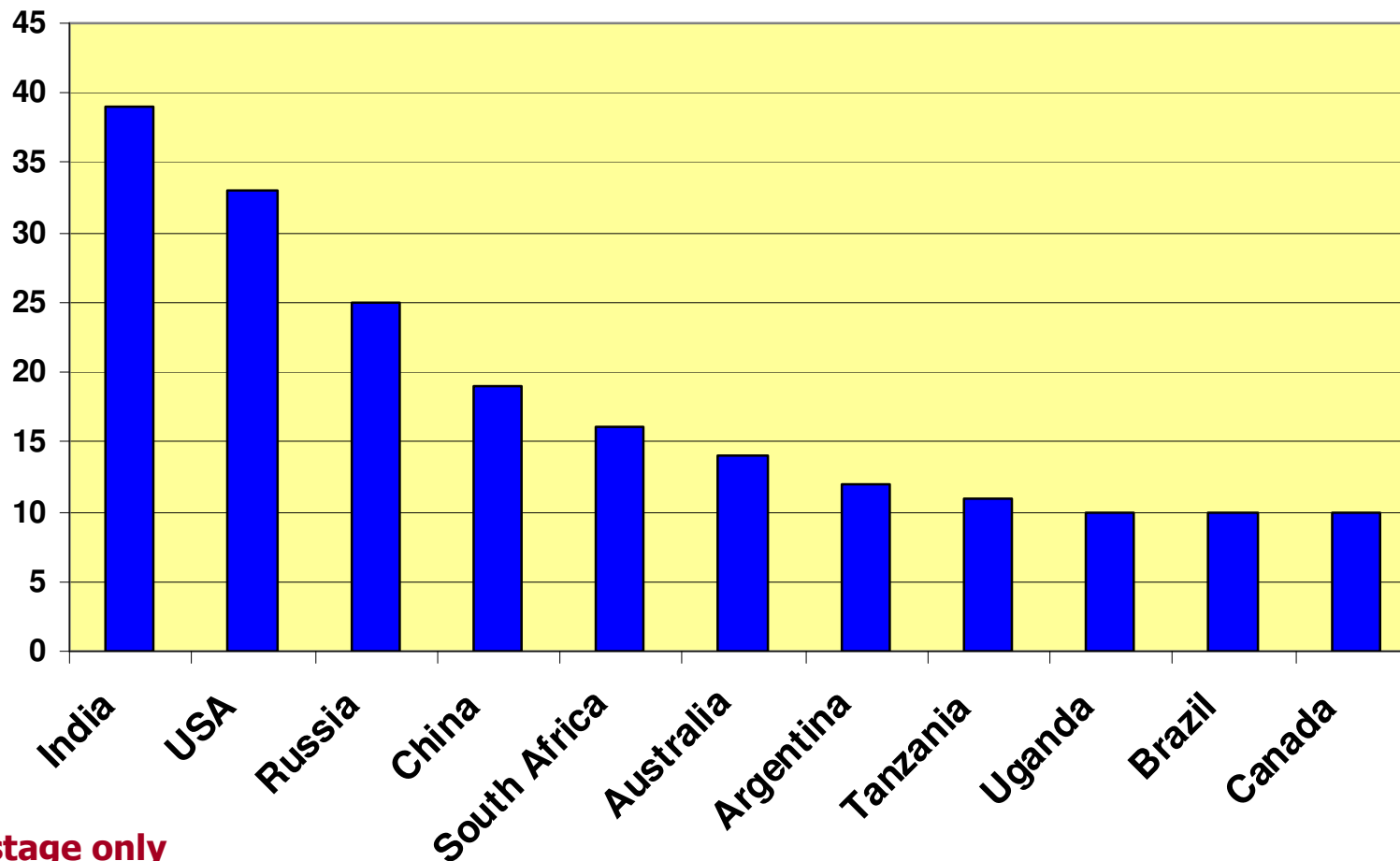


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# FP7 Health theme Outcome of the first 3 calls\*

No. of 3<sup>rd</sup> country participants in successful proposals ( $\geq 10$ )



\*single stage only

3





## **Participation of researchers from non-associated 3<sup>rd</sup> countries**

### **SUCCESSFUL PROPOSALS:**

	<i>participants</i>	<i>countries</i>
<b>FP6, 2003-06:</b>	<b>214</b>	<b>51</b>
<b>1<sup>st</sup> call 2007:</b>	<b>60</b>	<b>30</b>
<b>2<sup>nd</sup> call 2008:</b>	<b>172</b>	<b>52</b>
<b>3<sup>rd</sup> call 2009:</b>	<b>92</b>	<b>30</b>

### **ALL PROPOSALS:**

<b>1<sup>st</sup> call 2007:</b>	<b>263</b>	<b>54</b>
<b>2<sup>nd</sup> call 2008:</b>	<b>800</b>	<b>91</b>
<b>3<sup>rd</sup> call 2009:</b>	<b>409</b>	<b>71</b>



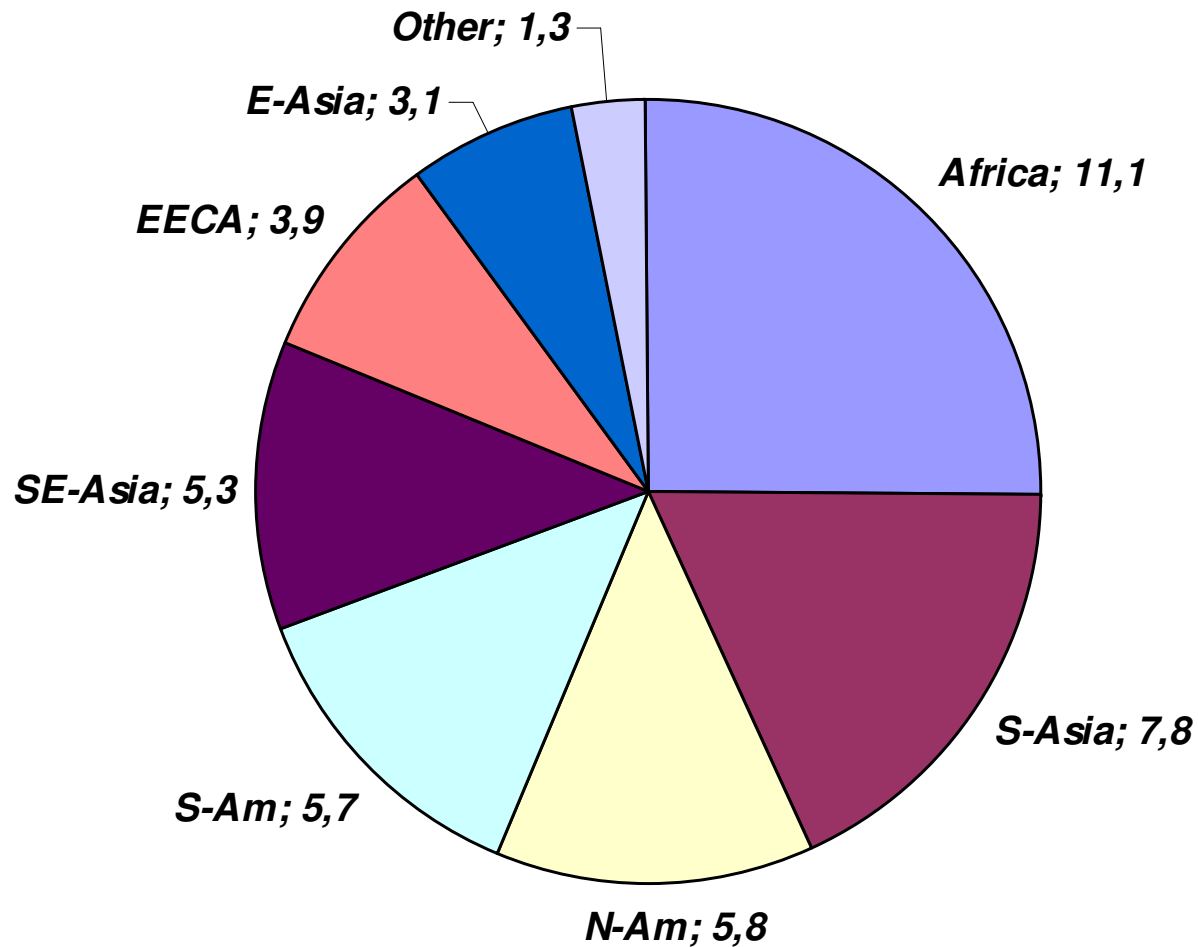
## **Budget allocation to partners from non-associated 3<sup>rd</sup> countries**

	<i>million</i>	<i>of total</i>
<b><i>FP6, 2003-06:</i></b>	<b><i>30.0</i></b>	<b><i>1.5%</i></b>
<b><i>FP7, 1<sup>st</sup> call 2007:</i></b>	<b><i>13.3</i></b>	<b><i>2.1%</i></b>
<b><i>FP7, 2<sup>nd</sup> call 2008:</i></b>	<b><i>30.7</i></b>	<b><i>5.4%</i></b>
<b><i>FP7, 3<sup>rd</sup> call* 2009:</i></b>	<b><i>27.3</i></b>	<b><i>5.4%</i></b>

**\*single stage only**



## Geographical distribution of committed funds for non-associated 3<sup>rd</sup> countries (million €)



**First and Second calls; total: 44 million €**



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# International Collaboration in FP7

- The FP7 Cooperation Programme is currently the biggest international fund for collaborative biomedical research
- The origin and focus of the FPs is research in the EU, but the international character is growing
- Most funded projects are likely to have at least one international participant, tendency increasing
- Funding is provided for low- and medium-income countries, other countries' partners can also receive funds in certain cases



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# International Cooperation

## Programme Level Cooperation or *a priori* twinning of projects



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# Programme Level Cooperation

- **Discussion at high level on broad areas**
- **Workshop to identify priority topics within the areas**
- **Issuing of calls in FP and in the cooperating country (-ies)**
- **Independent evaluation of proposals**
- **Negotiation of complementary proposals**
- **Close cooperation of the funded projects on both sides (common meetings, conferences, exchange of staff etc.)**



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*Discussion on area*

*Workshop*

*Call*

*Proposals*

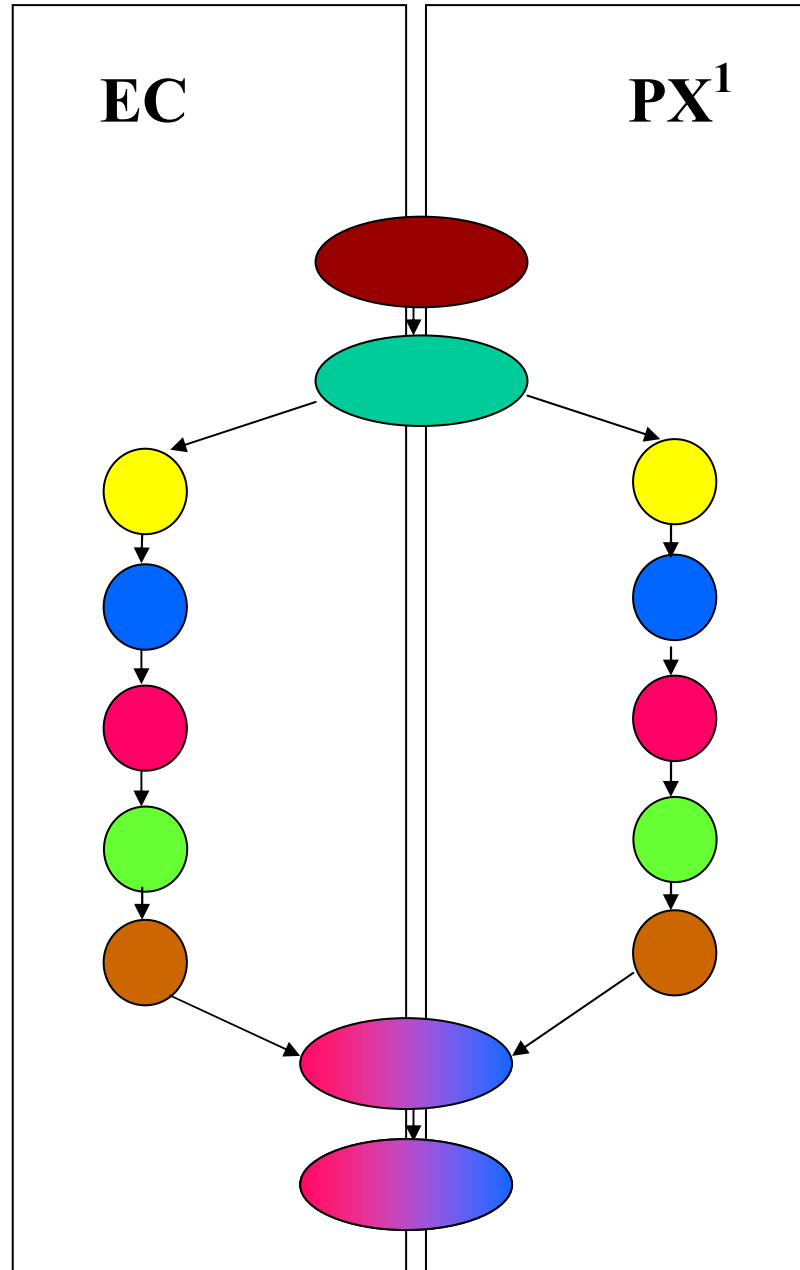
*Evaluation*

*Negotiation*

*Funding*

*Running projects*

*Results*



<sup>1</sup> Programme of country X





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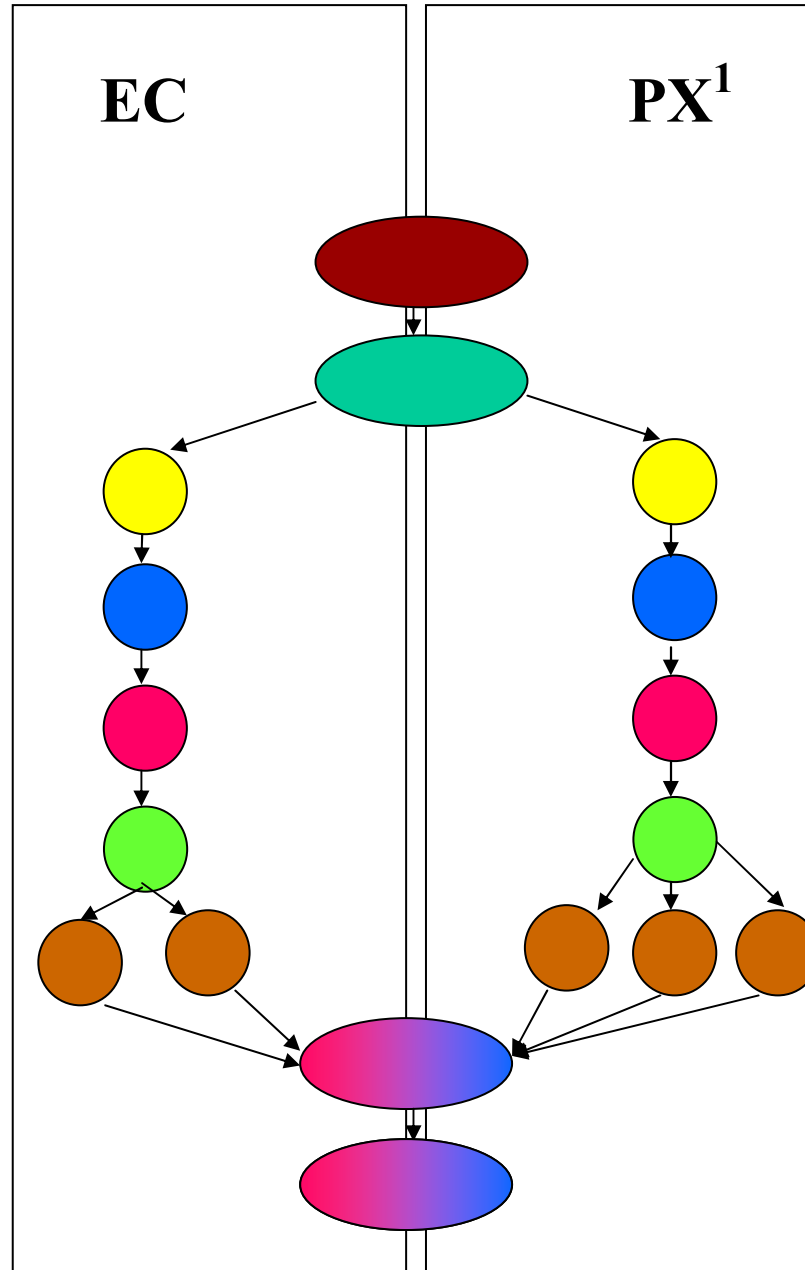
**Can be adopted  
to fit  
several projects**

*Funding*

*Running projects*

*Results*

1<sup>1</sup> Programme of country X





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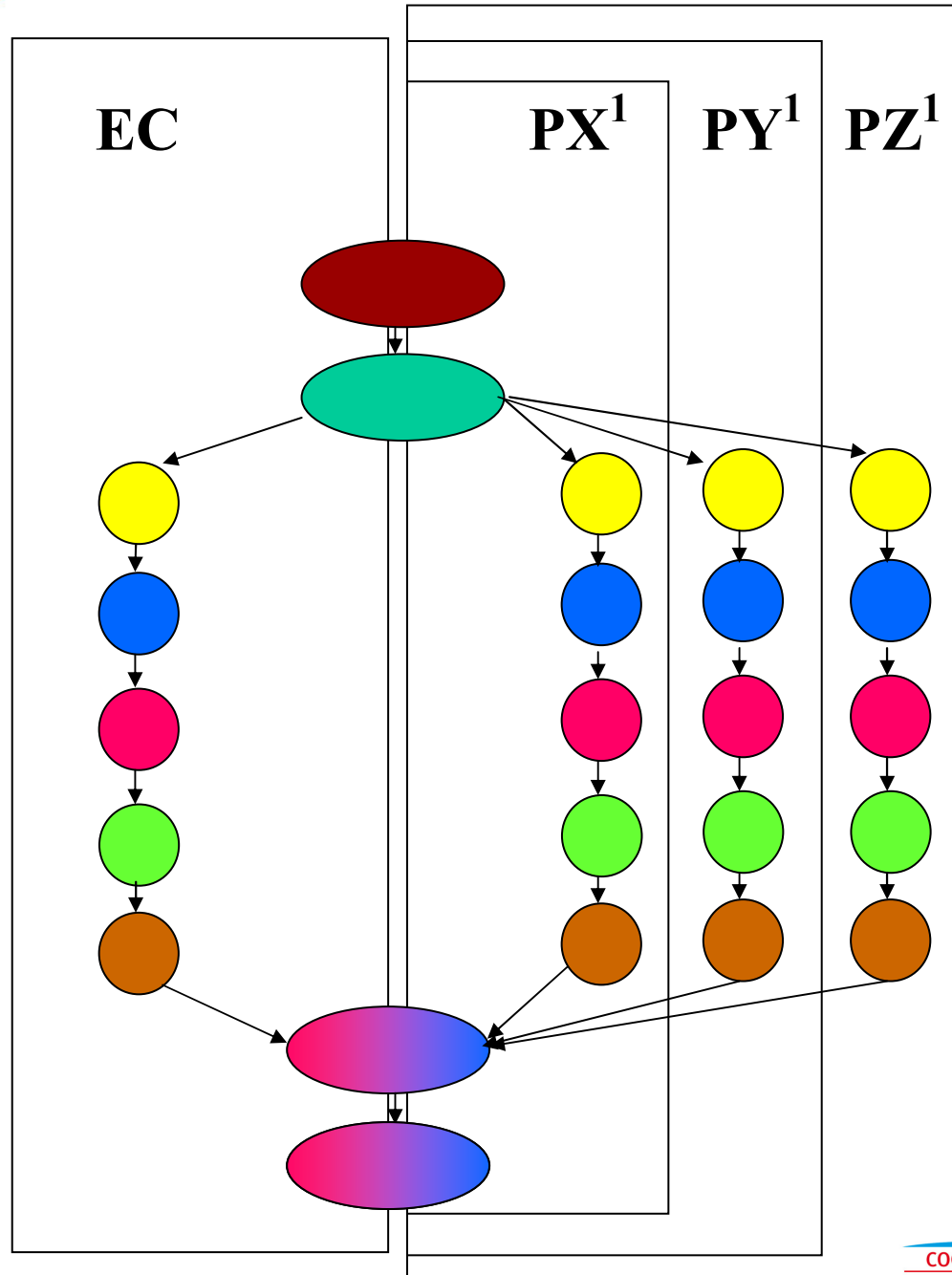
**Or to fit  
several countries**

*Funding*

*Running projects*

*Results*

<sup>1</sup>/<sub>2</sub> Programme of country X/Y/Z





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# Programme level cooperation - examples

- **International Knock – out Mouse Consortium (IKMC)** (2007) (EU, Canada, USA...)
- **The Human Microbiome** (EU, USA, Canada, China)
- **International Cancer Genomics Consortium** (EC, Genome Canada, NIH...)
- **Affinity Reagents for the Human Proteome** (in preparation)



# Biotech, tools & technologies

## 1.1 – High-throughput research (4th call 2009) (single-stage call)

### 3. High-throughput analysis of post-translational modifications of proteins.

Funding scheme: SICA (target region: China) CP-FP, max. €3m (max. 1 project)

The resulting project will be asked to collaborate closely with similar, locally funded projects from China. A part of the budget should be set aside for this cooperation.

The initiative is expected to lead to a much closer cooperation between MS+AC and China than is the case for traditional FP projects. It is expected that the Chinese authorities (MoST) will issue a similar call to finance Chinese projects in the area with whom the EC funded project would cooperate closely.





# Biotech, tools & technologies

## 1.2 – Detection, diagnosis and monitoring (single-stage call) (4th call 2009)

### 1.2-4 Early events in acute HCV infection with the aim to identify new biomarkers.

Funding scheme: SICA for Mediterranean Partner Countries. CP-FP, max. €3m.  
(1 or more projects)

Cooperation with other related national and international projects from the MPC region should be ensured. A part of the budget should be set aside for this cooperation...

Results are expected to lead to a much closer cooperation between MS+AC and countries of the region (in particular Egypt) than is the case for traditional FP projects. It is expected that the Egyptian authorities will issue a complementary call to finance Egyptian projects in this field with whom the EC funded project would cooperate closely.





# Translating research for health

## 2.1.2 – Systems biology (single-stage call) (4th call 2009)

### 2.1.2-3 Developing new and improving existing mathematical algorithms for systems biology.

Funding scheme: SICA Small or medium-scaled focused research project, with focus on EECA, max. €3m. (max. 1 project)

Cooperation with other related projects from the EECA region should be ensured and a part of the budget should be set aside for this cooperation, in addition to the participation of at least 2 participants from different countries (or provinces in RU) in the region.

The initiative is expected to lead to a much closer cooperation between MS+AC and EECA countries (in particular RU). It is expected that FASI will issue a complementary call to finance RU projects in the area with whom the EC funded project would cooperate closely.

