



EUROPEAN  
COMMISSION

Community research

# SICAs: FP7 instruments for international cooperation

Brussels, 1st July 2009

**Mario Catizzone**

*European Commission  
Directorate-General for Research (DG RTD)  
D1 International Scientific Cooperation*

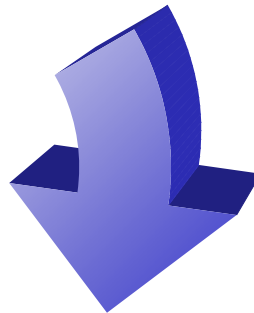
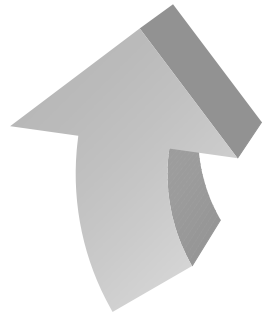




# International cooperation in FP7: more **ambitious**

Cooperation

People



Capacities

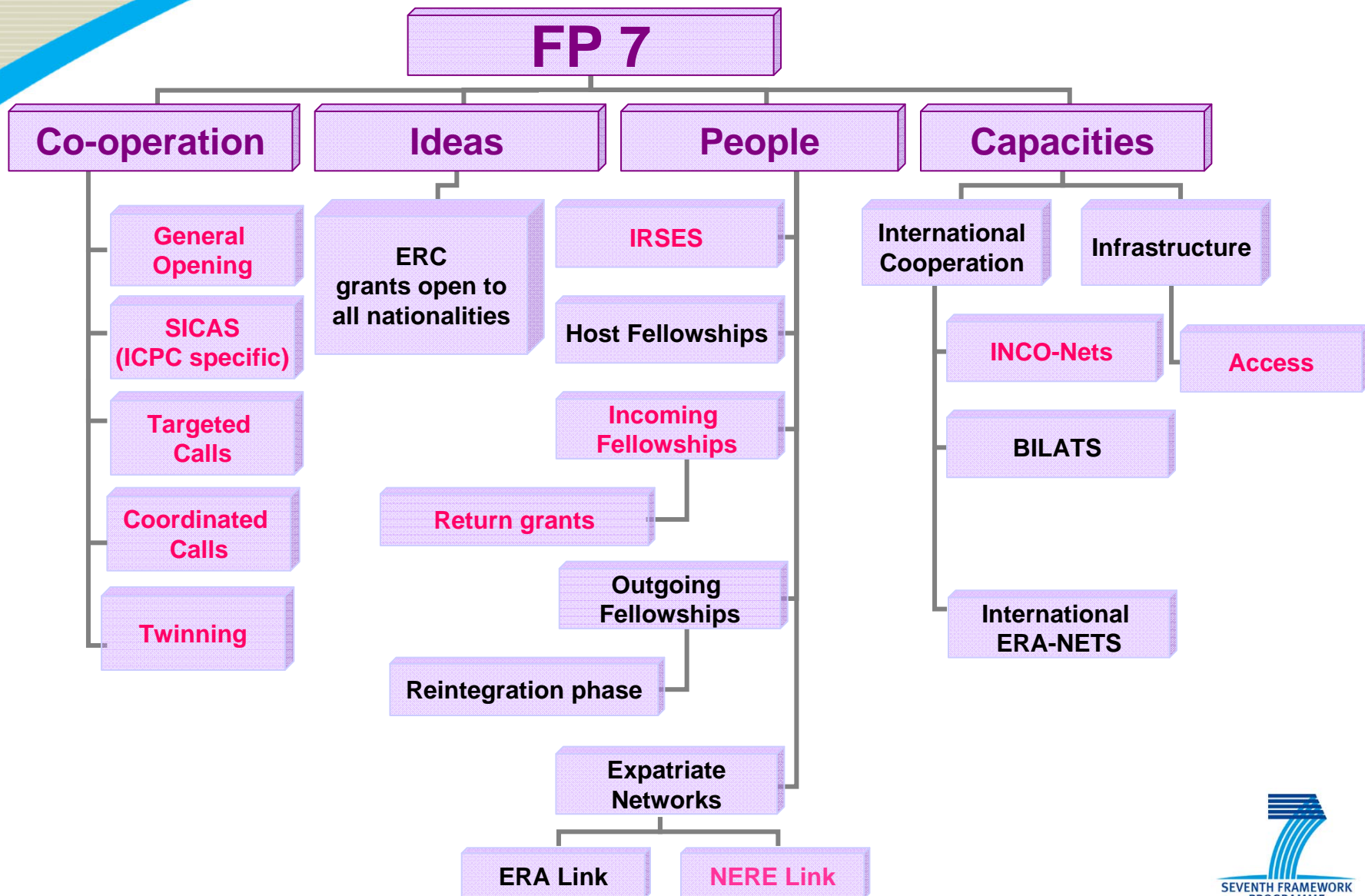
Ideas



- *More inclusive*
- *More substantial*
- *More integrated*
- *More competitive*
- *More targeted*
- *More coordinated*



# International Cooperation in FP7





## Co-operation : Themes

<b>1.Health</b>	<b>€6.050</b>
<b>2. Food, agriculture and biotechnology</b>	<b>€ 1.935</b>
<b>3.Information and communication technologies</b>	<b>€ 9.110</b>
<b>4.Nanosciences, nanotechnologies, materials and new production technologies</b>	<b>€ 3.500</b>
<b>5.Energy</b>	<b>€ 2.300</b>
<b>6.Environment (including climate change)</b>	<b>€ 1.900</b>
<b>7.Transport (including aeronautics)</b>	<b>€ 4.180</b>
<b>8.Socio-economic sciences and the humanities</b>	<b>€ 0.610</b>
<b>9.Space</b>	<b>€ 1.430</b>
<b>10.Security</b>	<b>€ 1.350</b>



## CAPACITIES INCO Instruments

- **INCO-Nets:** to strengthen bi-regional and bilateral dialogues on S&T cooperation between the EC and Member States and other world regions. INCO-Nets support policy dialogues and help identify topics for collaboration under FP-7 thematic programmes.
- **International ERA-Nets:** to promote coordination and cooperation of national and regional programmes vis-a vis third countries.
- **Bilats:** Information for researchers in third countries on how to apply for Framework Programme funding.
- **Access4EU:** Information for EU researchers on how to access funding in third countries.
- **ERA-WIDE:** strengthen research excellence in the ENP countries.



## SICAs and other instruments in WP2010

	FAB***	ENV	ICT**	NMP	HEALTH	TPT	SSH*	ENERGY	EURATOM	SPACE	Totals
<b>SICA</b>	<b>15</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>14</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>47</b>
Targeted opening	4	7	0	0	4	4	1	5	5	6	36
Coordinated call	0	1	0	2	0	8	0	3	3	0	17
Twinning	*	0	0	0	**	0	0	0	0	0	0
	<b>19</b>	<b>17</b>	<b>1</b>	<b>2</b>	<b>18</b>	<b>13</b>	<b>5</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>100</b>

\* *Twinning activities are foreseen across FAB WP but topics are not yet defined*

\*\* *Twinning activities are foreseen with Egypt, China and Russia as a component of SICAs.*



## FOOD, AGRICULTURE and BIOTECHNOLOGY

- **KBBE-2010-1-2-03**, Sustainable water resources management and Soil fertility conservation for food production in Africa. (**Part of the coordinated call Africa**) (African ACP, African MPC) – SICA
- **FP7-KBBE-2010-4**, Identifying research needs on malnutrition Africa (**Part of the coordinated Africa**) (African ACP, African MPC).
- **KBBE-2010-3-5-02**, Coping with water scarcity in developing countries: Role of biotechnology in water treatment (**Part of the coordinated call Africa**) (African ACP, African MPC).
- **KBBE-2010-4-02**, Networking non-governmental organisation involved in agricultural research for development (ARD), (**Part of the coordinated call Africa**) (African ACP, African MPC).
- **KBBE-2010-1-2-01**, Integrating mitigation and adaptation options for sustainable livestock production under climate change, (Latin America, African ACP, African MPC) – SICA.

(SICAs-WP2010 )



- ***KBBE-2010-1-3-01, Development of vaccines and improvement of detection systems to control helminth parasite infections of livestock and reservoirs, (African MPC, African ACP, Asia) – SICA***
- ***KBBE-2010-2-5-02, Eco-challenges in the food chain of the Latin American region (Latin America) – SICA***
- ***KBBE-2010-3-5-03, Approaches towards bioremediation of the Mediterranean Sea by exploring its microbial diversity (African MPC) – SICA***
- ***KBBE-2010-1-2-08, Improving research in support to scientific advice to fisheries management in the Mediterranean and Black Seas, Mandatory ICPC (MPC and Black Sea region).***
- ***KBBE-2010-1-3-02, Promoting coordination and cooperation at international level of research programmes in the area of animal health, in particular infectious diseases including zoonoses (Latin America and Asia mandatory + encouraged participation of countries with S&T Agreement).***

**( SICAs-WP2010)**





- **KBBE-2010-1-4-5**, *EU-China Partnership initiative in Microbes- Plants Breeding (China).*
- **KBBE-2010-1-4-6**, *EU-Russia Partnership initiative in Microbes - Plants Biodiversities (Russia).*
- **KBBE-2010-3-1-01**, *Promoting global cooperation to facilitate and accelerate knowledge transfer on abiotic stress tolerance of plants, Mandatory ICPC (Latin America and/or Asia and/or Eastern Europe and Central Asia and/or ACP and /or Mediterranean partner countries + encouraged countries with S&T agreement).*
- **KBBE-2010-4-03**, *Towards a Latin America and Caribbean Knowledge Based Bio-Economy in partnership with Europe – possible ERA NET, ICPC (Latin America and Caribbean ACP).*
- **KBBE-2010-4-04**, *Network of Third Countries bio NCPs, ICPC (ICPC Countries with S&T Cooperation Agreement + Australia, Canada, New Zealand, USA, Korea encouraged).*

(SICAs-WP2010)



## ENVIRONMENT

- **ENV.2010.1.2.1.1.** *The effect of environmental change on the occurrence and distribution of vector-borne diseases in Africa (Part of the Coordinated Call Africa)*
- **ENV.2010.3.1.1.3.** *Decentralised water supply and sanitation technologies and systems for small communities and peri-urban area (Part of the Coordinated Call Africa)*
- **ENV.2010.3.1.1.4.** *Water harvesting technologies in Africa (Part of the Coordinated Call Africa).*
- **ENV.2010.1.2.3.2.** *Greenhouse gas emission reduction policies and their impacts on public health and welfare in urban areas, ICPC (China)*
- **ENV.2010.1.3.3.1.** *Early warning systems to predict climate related drought vulnerability and risks in Africa (Part of the Coordinated Call Africa)*
- **ENV.2010.2.1.1.1.** *Integrated management of water and other natural resources in Africa (Part of the Coordinated Call Africa)*

(SICAs-WP2010)



- **ENV.2010.2.1.5.1** *Assessing vulnerability of urban systems, populations and goods in relation to natural and man-made disasters in Africa*
- **ENV.2010.2.2.1.2.** *Global plankton data set building in view of modelling, ICPC (with emphasis on Southern Ocean)*
- **ENV.2010.4.1.3.2.** *Global Observation Systems for Mercury, IP-SICA (global)*

**(SICAs-WP2010)**



# HEALTH

- **HEALTH.2010.1.1-3:** High-throughput analysis of post-translational modifications of proteins (China) – SICA
- **HEALTH.2010.2.1.2-3:** Developing new and improving existing mathematical algorithms for systems biology. (in particular Russia + Eastern Europe and Central Asia - EECA)
- **HEALTH.2010.1.2-4:** Early events in acute hepatitis C virus (HCV) infection with the aim to identify new biomarkers. (All MPCs and in particular Egypt).
- **HEALTH.2010.2.3.2-4:** Controlling malaria by hitting the vector: New or Improved – Vector Control Tools (Part of the coordinated call Africa) (African ACP, African MPC)
- **HEALTH.2010.2.4.1-4:** Infectious agents and cancer in Africa (Part of the coordinated call Africa) (African ACP, African MPC)
- **HEALTH.2010.3.4-1:** Develop and assess key interventions and policies to address the human resource crisis in the health sector (Part of the coordinated call Africa) (African ACP, African MPC)
- **HEALTH.2010.3.4-2:** Feasibility and community effectiveness of innovative intervention packages for maternal and new-born health in Africa (Part of the coordinated call Africa) (African ACP, African MPC)



- **HEALTH.2010.3.4-3:** *Building sustainable capacity for research for health in Africa (Part of the coordinated call Africa) (African ACP, African MPC)*
- **HEALTH.2010.3.4-4:** *Assessment of migrants' health, disease patterns and impact on health systems (Part of the coordinated call Africa) (African ACP, African MPC)*
- **HEALTH.2010.2.3.4-1:** *Vaccines for childhood bacterial diarrhoeal diseases. (opened to all ICPC)*
- **HEALTH.2010.2.3.4-2:** *Comprehensive control of Neglected Infectious Diseases (NID)- (opened to all ICPC)*
- **HEALTH.2010.3.4-5:** *Impact and cost-effectiveness of existing major health programmes (opened to all ICPC)*
- **HEALTH.2010.3.4-6:** *Financing models for accessible health care (opened to all ICPC).*
- **HEALTH.2010.4.2-5:** *Methodology to evaluate and monitor health policy implementation and performance of EU funded interventions in developing countries. (opened to all ICPC)*



## TRANSPORT

- **TPT.2010.6.** *Alternative fuels in transport, (Brazil, India and South Africa)*

## SOCIAL SCIENCES & HUMANITIES-SSH

- **SSH-2010-4.1.2.** *Collective challenges (poverty, institutional weakness in health and education) for Latin America and Caribbean countries.*
- **SSH 2010-4.1.3.** *SICA for China on one or more of the following themes: Environment and sustainable development, Governance of international economic systems, Health and development, Multicultural systems and civilisations.*
- **SSH 2010.4.2.1** *Culture of governance and conflict resolution (India)*



## **INFORMATION COMMUNICATION TECHNOLOGIES-ICT**

- **ICT-2009.9.1** *Uptake of ICT results in developing countries: public services and business applications (ACP, MPCs).*

## **SPACE**

- **SPA.2010.3.2.01** *EU-Russia Cooperation in GMES (Russia)*
- **SPA.2010.3.2.02** *International Cooperation in GMES / Deforestation (Latin America, Africa)*
- **SPA.2010.3.2.03** *EU-South Africa Cooperation in GMES.*

## **SCIENCE AND SOCIETY**

- **SiS-2010-2.1.3.1** - *Women in Science: Euro-Mediterranean Cooperation.*

**(SICAs-WP2010)**



EUROPEAN  
COMMISSION

Community research

# Further information?

<http://ec.europa.eu/research/iscp/index.cfm>

[http://cordis.europa.eu/fp7/home\\_en.html](http://cordis.europa.eu/fp7/home_en.html)





EUROPEAN  
COMMISSION

Community research

# Thank you for your attention!

**Mario Catizzone**

*Directorate-General for Research*

*International Cooperation*

*Directorate*

**Mario.catizzone@ec.europa.eu**

**Tel: +32 2 298 17 06**

**Fax: +32 2 296 98 24**

