



# Beyond HadronPhysics2 in FP7

**Carlo Guaraldo, Project Coordinator**

Governing Board Meeting - LNF, 3 September 2009

**Overall strategy of the Commission  
to optimize the remaining budget  
(~350 M€) for Integrating Activities in FP7**

# The approach

## Targeted approach with identified topics

To better respond to strategic needs of Research Infrastructures

Namely:

- To facilitate the **timing for submission** of proposals, namely to avoid all projects coming at the same time
- To respond to **urgent needs** of un-financed activities
- To take into account the **end date of currently funded project** to avoid financial gaps between Calls

→ the topics cover both **project funded** in the past and **new classes** of projects

# Thematic subgroups

- Topics include **8 thematic subgroups**:
  - Social sciences and humanities
  - Life sciences
  - Environmental sciences
  - Energy
  - Engineering
  - Mathematics, computer-related sciences, data
  - Analytical facilities
  - Physics, astronomy, nuclear- and particle physics

# Number of projects expected to be funded

- The number of topics is determined by the **average size of the Integrating Activities**
- Knowing that the **average size of the projects** selected under the latest call was about 7.3 M€ (duration typically 4 years), with a **trend towards 8-10 M€**, the Commission expects **to fund around 40 projects** until the end of FP7

# Number of topics

- To fund around 40 project the Commission foresees the **publication of around 80 topics** in total, in 3 calls
- Specifically, **78 topics** were selected:
  - **40** corresponding to **potential follow-up projects**, thus ensuring continuity
  - **38** corresponding to **new projects** thus ensuring a **further opening-up** of the Research Infrastructure action to new classes of projects

# The three next Calls of FP7 for Integrating Activities

- The first Call

## Call 6: FP7-INFRASTRUCTURE-2010-1

- published on: 30 July 2009
- deadline: 3 December 2009
- indicative budget: 162 M€
- expected start date: mid 2010
  
- 35 topics            11 potential follow-up projects  
                                 24 new projects

# The three next Calls of FP7 for Integrating Activities

- **A second Call**

## **Call 8**

- to be published around July 2010
- deadline: Winter 2010
- indicative budget: ~100 M€
- expected start date: Summer 2011
  
- 21 topics            11 potential follow-up projects  
                                 10 new projects

# Running projects invited to Call 8

- “Physics, astronomy, nuclear- and particle physics”
  - *50) Research Infrastructures for hadron physics: Studying the properties of nuclear matter at extreme conditions*

“An FP7 Integrating Activity will be funded until June 2011 (HadronPhysics2 project, as a continuation of the FP6 HadronPhysics I3 project)”
  - 51) Research Infrastructures for advanced radio-astronomy in Europe (RadioNet)
  - 52) Research Infrastructures for optical/IR astronomy (OPTICON)

- “Analytical Facilities”

- 54) Neutron sources (NMI3)

- 55) Laser sources (LASERLAB)

- 56) Synchrotron radiation sources (ELISA)

# The three next Calls of FP7 for Integrating Activities

- **A third Call**

## **Call 9**

- to be published around **April 2011**
- deadline: Autumn 2011
- indicative budget: ~90 M€
- expected start date: Spring 2012
  
- 22 topics            18 potential follow-up projects  
                                 4 new projects

# FP7 Calls

Activity	Call 1 (02.5.07)	Call 2 (20.9.07)	Call 3 (29.2.08)	Call 4 (11.9.08)	Call 5 (17.3.09)	Call 6 (3.12.09) publ. 30.07.09	Call 7 (24.11.09)	Call 8 (Winter 2010) publ. July 2010	Call 9 (Autumn 2011) publ. April 2011
Integrating activities FP7 Total 623			272.9			162		~100	~90
e-infrastructures	42	50		113	4		85	X	X
Design studies								X	
Construction – support to the preparatory phase	146.7					45			
Construction – support to the implementation phase							20	X	X
Support to policy development and programme implementation	8	14	9		5.6	9.9	10	X	X
Budget (EUR million)	227.7	64	281.9	113	9.6	216.9	115		

# Beyond FP7

The case: **the continuity of the EC financing to the hadron physics community**

→ how to match FP7 with FP8

# What can be expected

- FP6 2002 - 2006 5 years
- FP7 2007 - 2013 7 years
  - 1° Call FP7 publ.: 22/12/2006
  - deadline : 08/05/2007
  - start date: end 2007
- **FP8 2014 -**
  - 1° Call FP8** exp. publ.: **December 2013**
  - exp. deadline: **May 2014**
  - exp. start date: **end 2014**

# What can be done

- Duration HadronPhysics2  
01/01/2009 – 30/06/2011 2.5 years
- **Expected duration HadronPhysics3** in order to match the first call of FP8  
01/07/2011 – 31/12/2014 **3.5 years**
- **Alternative**  
**Prolongation of HadronPhysics2 until 31/12/2011**  
**3 years duration**  
Start date of HadronPhysics3 on 01/01/2012  
**3 years duration**