

***“European Nuclear Science
and Applications Research”
(ENSAR)***

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**First Facility Coordinating Group
Meeting**

27 September 2011

Belgodère, Corsica, France

ENSAR = Integrating Activity (IA) of European Nuclear Scientists

⇒ Targeted Call

Major subfields of Nuclear Physics:

- **Nuclear Structure**
- **Nuclear Astrophysics**
- **Applications of Nuclear Science.**

Purpose:

- **Networking Activities**
- **Transnational Access**
- **Joint Research Activities**

⇒ Ensure qualitative and quantitative improvement of the access to the seven infrastructures, and advanced technology for the new large-scale projects & applications.

Transnational Access Facilities in **IA ENSAR**

- TNA1 (**Access to *GANIL***)
- TNA2 (**Access to *GSI***)
- TNA3 (**Access to *INFN-LNL&LNS***)
- TNA4 (**Access to *JYU-JYFL***)
- TNA5 (**Access to *KVI***)
- TNA6 (**Access to *CERN-ISOLDE***)
- TNA7 (**Access to *ALTO***)

N° Part	Name Part	TOTAL T&S	User fee	AGATA	Indirect Costs	Request
1	GANIL	338,800.00	350,000.00	80,000.00	23,716.00	792,516.00
2	GSI	264,620.00	372,138.00	99,534.00	18,523.40	754,816.00
3	INFN	234,320.00	382,261.03	63,542.00	16,402.40	696,526.00
4	JYU	300,800.00	271,788.00		21,056.00	593,644.00
5	RUG	86,160.00	252,797.20		6,031.20	344,988.00
6	CERN	252,000.00	291,380.32		17,640.00	561,020.00
7	CNRS	73,720.00	151,998.00	-	5,160.40	230,878.00
Total		1,550,420	2,072,363	243,076	108,529	3,974,388.00

N° Part	Name Part	Unit Cost €	Min Access to be provided	Estimated # of projects	Estimated # of users
1	GANIL	100	3500	40	280
2	GSI	99.2	3750	33	230
3	INFN	86.4	4424	52	204
4	JYU	90.6	3000	50	200
5	RUG	316	800	6	48
6	CERN	56	5200	60	400
7	CNRS	103.4	1470	76	116

ENSAR Research Infrastructures (ENRI):

GANIL, GSI, LNL/LNS, JYFL, KVI, ISOLDE-CERN and IPNO-ALTO agree to make efforts to maintain the collaboration within research fields of common interest both fundamental and applied and to submit an application for Integrating Activity.

- ***Accelerator facilities***

Offer a broad and high-quality palette of stable and exotic ion beams and unique equipment.

- ***Experiments in nuclear (astro)physics***

Nuclear structure of very exotic nuclei.

Nuclear astrophysics with exotic and stable beams

- ***Nuclear theory***

Collaborations between theorists and experimentalists of ENRI laboratories already exist, but will be strengthened through agreement.

- *Expensive, technically advanced experimental equipment*
technically advanced and expensive, but mobile, equipment that could be used at the different laboratories.

- *Coordination*

A facility coordination group (FCG) has been set up through ENSAR, consisting of directors, chairmen of the local Programme Advisory Committees (PAC's) and coordinator of ENSAR.

Reviews working procedures of various PAC's and participates in the definition and improvement of the criteria for access.

Makes recommendations on common policies.

Further aspects of the collaboration:

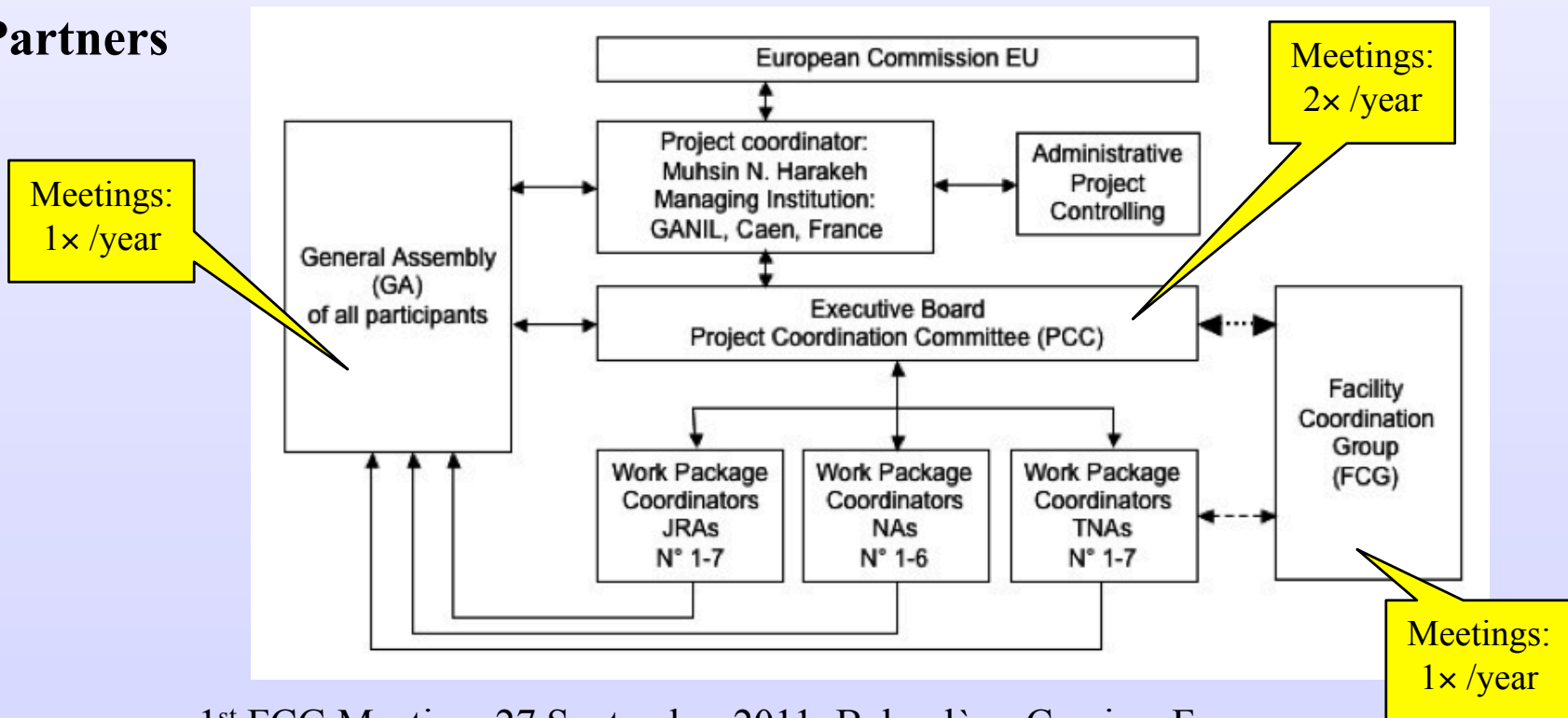
Exchange of technical expertise especially in accelerator technology areas, in radiobiology, hadron therapy and other applications. Collaboration in education and training.

ENSAR Timeline

- **Negotiation with EC opened on 26 March 2010.**
- **First negotiation meeting with EC on 18 May 2010.**
- **Negotiations ended on target date, *i.e.* 11 June 2010.**
- **ENSAR started on 1 September 2010.**
- **ENRI Agreement signed on 6 September 2010**
- **Grant Contract signed on 3 December 2010.**
- **EC first instalment received on 13 December 2010.**
- **Consortium Agreement signed on 22 December 2010.**
- **End of the ENSAR project August 31, 2014**

ENSAR Organisation

- **Coordinator: M. N. Harakeh** (KVI/GANIL)
 - **Deputy Coordinator: M. Lewitowicz** (GANIL)
 - **Project Manager: K. Turzó** (GANIL)
 - **Financial/administrative: V. Vandevoorde/S. Dubromel**
 - **Managing institution: GANIL**
 - **29 Partners**
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Thank you for your attention