

IDEAAL Collaboration Meeting

7 January 2020, GANIL

Agenda

10:00 – 10:10 Welcome address

10:10 – 10:30 Introduction (M. Lewitowicz)

10:30 – 10:45 WP1 – Management (S. Lecerf)

10:45 – 12:30 WP2 – International Coordination and New Partners (F. Farget, Y. Blumenfeld, S. Utermann, A. Maj)

12:30 – 14:00 Lunch

14:00 – 14:45 WP3 – Excellence of Access to Infrastructure (B Franel)

14:45 – 15:30 WP4 – Innovation and Industries (M.H. Moscatello & M. Kurzyp)

15:30 – 16:15 WP5 – Communication and Outreach (M. Lewitowicz)

16:15 – 16:30 Concluding remarks and following actions (M. Lewitowicz)

“IDEAAL” International Development of gAnil-spirAL2 H2020 Project

INFRADEV-03-2016-2017: Individual support to ESFRI and other world-class research infrastructures: Call - Development and long-term sustainability of new pan-European research infrastructures

- Partners: GANIL - coordinating institution (Coordinator Marek Lewitowicz, **Deputy Coordinator Sabrina Lecerf**), DRF/CEA-France, IN2P3/CNRS-France, GSI/FAIR-Germany, IFJ Kraków-Poland, Nucléopolis-France
- EU contribution: **3,88 M€ (2,25 M€ for GANIL)**
- Project duration: **45 months**
- Beginning of the EU contract: **1/01/2017**
- **End of the EU contract: 30/09/2020**
- Web site: <https://ideaal.ganil-spiral2.eu>

Second Amendment of the IDEAAL Grant Agreement

- Exchange of e-mails and phone calls since July 11, 2019 with Emiliano Carozza, our new EC Officer
- After negotiations the amendment was submitted to the EC 18/09/2019,
- Request for modifications sent to the coordinator on October 15, 2019
- Final version of Amendment signed by GANIL on October 31, 2019
- Amendment signed by EC on **November 4, 2019**

Consequences of the amendment (and of negotiations with EC)

- EC review of the project in Brussels by **April 2020** (similar to that in September 2018)
- Only one final project report to be submitted before **November 28, 2020**
- Dead-line for all remaining deliverables moved from December 2019 to **September 2020** (see presentation of Sabrina for details)

Main arguments for the project extension accepted by EC

WP2: ...The first MoU between GANIL/SPIRAL2 and Poland is expected to be signed in the first half of 2020 thus marking the beginning of a formal process of internationalisation of the GANIL/ SPIRAL2 facility. The current advances in the discussions with other scientific partners namely Belgium, Germany and Czech Republic may lead in the first half of 2020 to the signature of agreement with some of those partners.

WP3: A profound modification of the organization of GANIL in 2018/2019 which was not foreseen when the Grant Agreement of IDEAAL was signed as well as a new Employment & Labour Laws and Regulations in France in 2019 require important modifications of the GANIL/SPIRAL2 administrative documents (Contrat Constitutive, Règlement intérieur, Règlement d'Établissement, Règlement intérieur CNRS, Règlement intérieur CEA and few others - about 90 pages of legally binding documents). The update of these documents in its French version is not yet done and will take, including their validation process by lawyers of GANIL, CEA and CNRS, at least one year. The translation of these documents into English by a specialized company should in itself take two months (including tendering process). **The whole process is expected to be finalized by the end of June 2020.** The above mentioned documents are necessary for the formal approval of new international members of GANIL.

WP4: ... An extension of the IDEAAL project by 9 months will allow for

- another call for industrial experiments with cyclotrons and running of these experiments in the first half of 2020. The beams of GANIL cyclotrons will be available from February to April 2020,
- tests of the beam from SPIRAL2 at the NFS facility which will be used for industrial applications.

Explore all possibilities to develop GANIL infrastructure, with its new ESFRI SPIRAL2 facility, in order to ensure its **long-term sustainability** as one of the premiere European research institutes for nuclear physics, interdisciplinary sciences and related applications.

1. Enlarge the present GANIL membership to include academic institutions and private funding partners. This enlargement goes hand-in-hand with a reinforcement of the involvement of the current and future members and academic users of GANIL-SPIRAL2 in the decision-making process and management of the facility.

Assessment of the GANIL-SPIRAL2 by the Horizon 2020 High-Level Expert Group set up by the European Commission in order to assess the progress of ESFRI and other world class research infrastructures towards implementation and long-term sustainability (Dec 10, 2019):

“Recommendation:

If international membership does not increase or it is not in the plans and the French funders are not actively seeking to internationalise the facility, **consideration should be given to taking SPIRAL2 off the ESFRI Roadmap.** It is a good example of a national project successful with EC applications and should be treated as such.”

GANIL comment sent to HLEG on Dec. 20, 2020

An internationalization of the GANIL/SPIRAL2 facility is the main goal of an EU H2020 project IDEAAL which begun in 2017 and which will end in September 2020. The negotiations and advanced discussions with several potential international scientific partners like Poland, Czech Republic, Belgium and Germany are ongoing. It is expected that the bilateral agreements on the scientific partnership with Czech Republic and Poland, including their participation in the operation cost of the infrastructure, will be signed in 2020. There is a support of the French funding agencies and the French Ministry of Higher Education, Research and Innovation for the internationalization of GANIL. In particular, they play the essential role in the currently ongoing negotiations with Germany.

The today's meeting should be focused on:

- How to reach the project objectives?
- Forthcoming deliverables and milestones
- Show strong points and also difficulties
- Preparation for the EC review by April 2020

Backup slides

Reaching the IDEAAL project objectives...

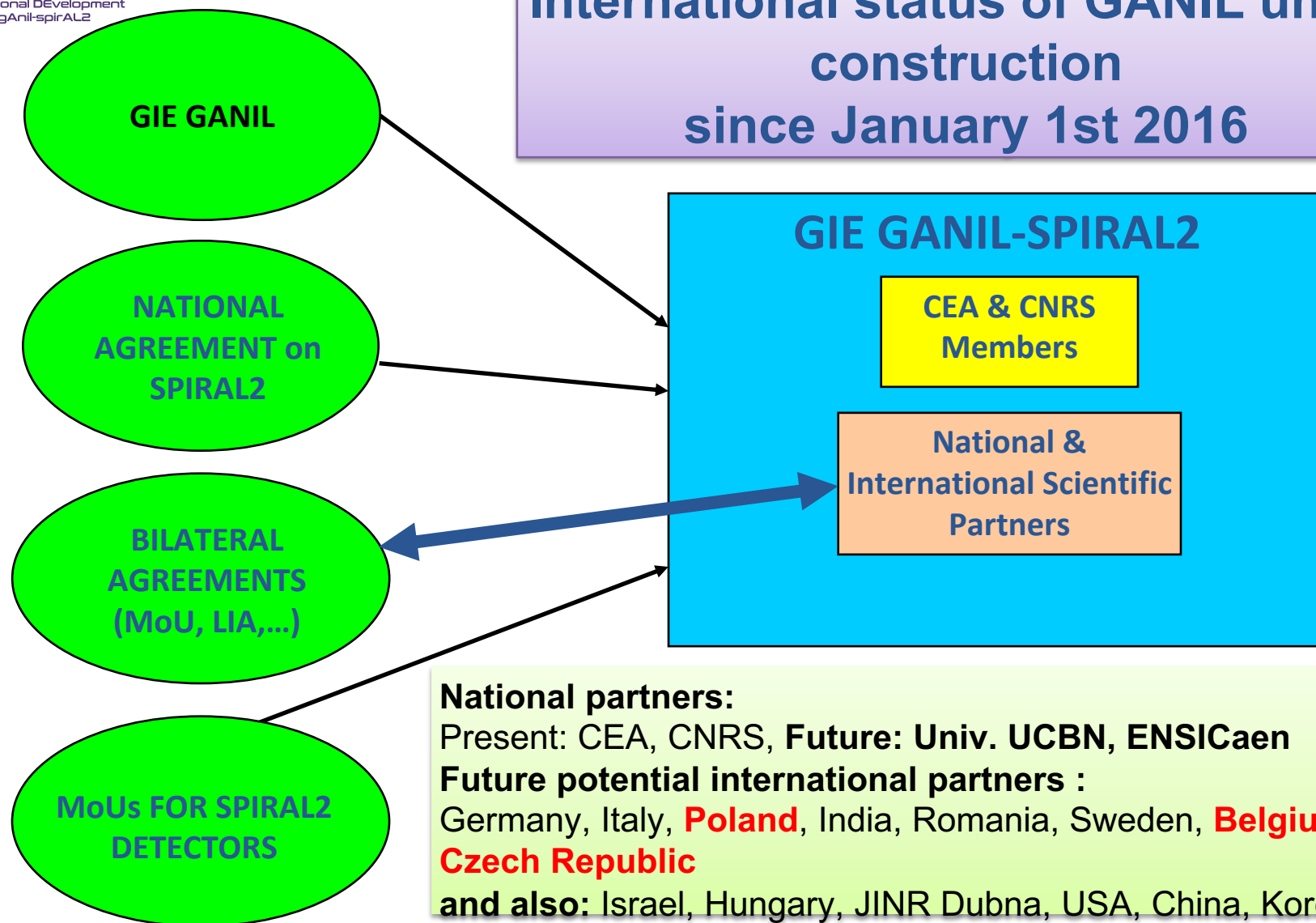
- Close and frequent monitoring of the project advances in 2020
 - Video meetings of the WP leaders every month
- EC review by **April 2020**
 - Update of the IDEAAL Web site by **January 31, 2020** (WP1)
 - Face-to-face preparatory meeting in **March, 2020** with slide presentations
 - Status of the budget to be prepared by partners by **February 29, 2020**
- Project deliverables (still 13!): drafts to be send to the project coordinator by **September 5, 2020** at the latest
- IDEAAL Project face-to-face final collaboration meeting in the first half of **September 2020**

IDEAAL Budget

Partner/WP	Requested EU Contribution/ €	Direct personnel costs /€	Other direct costs /€	Direct costs of sub-contracting /€	Indirect Costs /€	Beamtime cost /€
GANIL	2 253 990	677 400	652 080	367 500	332 370	224 640
WP1	35 500		28 400		7 100	
WP2	333 500		106 800	200 000	26 700	
WP3	781 250	355 000	158 000	140 000	128 250	
WP4	437 615	127 800	42 580		42 595	224 640
WP5	666 125	194 600	316 300	27 500	127 725	
NUCLEOPOLIS	222 500	160 000	18 000		44 500	
WP4	222 500	160 000	18 000		44 500	
CEA	416 625	233 300	100 000		83 325	
WP2	333 000	176 400	90 000		66 600	
WP4	83 625	56 900	10 000		16 725	
CNRS	232 775	136 220	50 000		46 555	
WP2	232 775	136 220	50 000		46 555	
GSI	475 000	300 000	80 000		95 000	
WP2	475 000	300 000	80 000		95 000	
IFJ PAN	282 500	80 000	146 000		56 500	
WP2	282 500	80 000	146 000		56 500	
Total general	3 883 390	1 586 920	1 046 080	367 500	658 250	224 640

2. **Excellence of access to the infrastructure** by optimizing support to the users, access policy, assessment on the cost of access to the facilities and to data, improvement of the performance capabilities as well as exchange and training of personnel with associated partners.
3. **Innovation:** attract industrial users to GANIL-SPIRAL2. Identified new ideas and topics for technology transfer.
4. **Strong communication and outreach policy** towards members and funding partners, users and the layman.

International status of GANIL under construction since January 1st 2016



WP1: Management (Leader: GANIL- BCS)

WP2: International coordination & new partners
(Leader: CNRS & CEA)

- **WP3: Excellence of access to infrastructure**
 - (Leader: GANIL-SG)
- **WP4: Innovation and industries**
 - (Leader: GANIL-Innovation Officer)
- **WP5: Communication and outreach**
 - (Leader: GANIL CO)

RH du GANIL pour IDEAAL

WP	WP title	WP leader		Task	Task title	Task Leader	Implication Personnel GANIL			
							Nom	H.m GANIL	H.M EU (CDD)	
1	Management	GANIL	K. TURZO			Ketel Turzo	BCS	18	0	
2	International coordination and new partners	CEA DRF /CNRS In2P3	CEA/CNRS Maria Faury Fanny Farget	1 1 2 3 4	Enlargment of membership Private sponsors and bank in-kind contributions Involvement of academics users	Fanny Farget Maria Faury Pascal Debu Haik Simon Adam Maj		28	0	
3	Excellence of Access to infrastructure	GANIL	B. FRANEL	1 2 3 4 5	Definition of access policies Assessment of the costs for serving the users Data management How to improve efficiency Organisation of personnel	Stéphane Jacquet Bertrand Franel Nicolas Menard Gilles Sénécal Bertrand Franel		28	36 18 30 18	2 CDD (finance+ spe) 1 CDD Informatique 1 CDD Qualité 1 CDD SG
4	Innovation and Industries	GANIL	M-H MOSCATELL O	1 2 3	Limited pilots of access provision Industrial applications Increase of innovation potential	MH. Moscatello Serge Bouffard MH. Moscatello		10	6 24	1 CDD 1 CDD
5	Communication	GANIL	M. GRAR	1 2 3 4	Towards members of funding partners Towards users Towards the layman Towards press	Myriam Grar Myriam Grar Myriam Grar Myriam Grar		6	30 30	2 CDD (resp Comm + Web designer) 1 CDD infographiste 10 CDD
								90	192	14

WP1: Management (Leader: GANIL- BCS)

- Task 1.1: Management
- Task 1.2: Reporting
- Task 1.3: Dissemination and Exploitation of results

WP2: International coordination & new partners (Leader: CNRS & CEA)

- Task 2.1: Enlargement of membership towards academics and involvement of institutional funders – CEA, CNRS
- Task 2.2: Private sponsors and banks – GANIL/CEA
- Task 2.3: In-kind contributions – GSI
- Task 2.4: Involvement of academic users – representatives of large collaborations in User Board – IFJ PAN

WP3: Excellence of access to infrastructure

(Leader: GANIL-SG)

- Task 3.1: Definition of access policies for researchers, organization of the logistic support for researchers, and management of IPRs and ethical issues - GANIL (SG)
- Task 3.2: Assessment of the costs for serving the users - GANIL (SG)
- Task 3.3: Data management - GANIL (STP)
- Task 3.4: How to improve efficiency: study of GANIL performance capabilities (technical and administrative procedures) - GANIL (Direction)
- Task 3.5: Organization of personnel exchange and training - GANIL (SG)

WP4: Innovation and industries

(Leader: GANIL-Innovation Officer)

- Task 4.1: Limited pilots of access provision to research teams from industries and involvement of industrial users - GANIL (IO)
- Task 4.2: Industrial applications and technology transfer - Nucléopolis
- Task 4.3: Increase of innovation potential - GANIL (IO)

WP5: Communication and outreach

(Leader: GANIL CO)

- Task 5.1: Towards members and funding partners - GANIL (CO)
- Task 5.2: Towards users (academics and industries) - GANIL (CO)
- Task 5.3: Towards the layman - GANIL (CO)
- Task 5.4: Towards press - GANIL (CO)

International Contributions to GANIL-SPIRAL2

