



IDEAAL project mid-term review

Brussels

28th September 2018

WORK PACKAGE 2 – INTERNATIONAL COORDINATION AND NEW PARTNERS

WP2: Objectives



- Since January 1st, 2016, the GANIL legal status allows associated scientific partnerships with national and international collaborating institutions
 - Natural evolution of the Research Infrastructure
 - Request of the French Research Ministry Roadmap to sustain the future upgrades
- Thus the goal of this work package is to do just that!
 - Enlarge GANIL membership to include academic and/or private institutions
- The Work Package is divided into four tasks:
 - **Task 1** deals with the strengthening of the support of regional, national and international partners through new bilateral partnerships
 - **Task 2** explores the possibilities for private foundations and/or individuals to sponsor GANIL
 - **Task 3** evaluates in-kind contributions
 - **Task 4** deals with users' involvement in the GANIL organization and development

WP2: Objectives

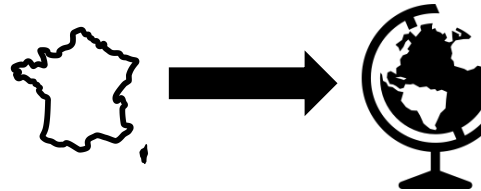


- The Work Package is divided into four tasks:
 - **Task 1** deals with the strengthening of the support of regional, national and international partners through new bilateral partnerships
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P. Debu, CEA
M. Lewitowicz, K. Turzo, GANIL direction, GANIL
 - **Task 2** explores the possibilities for private foundations and/or individuals to sponsor GANIL
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 - **Task 3** evaluates in-kind contributions
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 - **Task 4** deals with users' involvement in the GANIL organization and development
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Task 1: Enlargement of membership towards academies and involvement of institutional funders (1/4)



- Main goal:
 - Evolve GANIL managing organization from a national to an international structure via bilateral partnerships



- Work carried out
 - Creation of a core group
 - Meets monthly → Definition of internationalization strategy
 - Includes representatives from CNRS, CEA, GANIL
 - Brainstorms and debates ways forward
 - ❖ Decision taken related to partnership opportunities
 - » Transitional Associate Partner
 - » Associate Partner
 - » Member
 - Reports on ongoing efforts to contact new partners



Task 1 (2/4)



- M1: Template of collaboration agreement with academic partners (M6)
 - Collaboration agreement template, titled “Agreement on Scientific Membership”, to be used as basis for negotiations
 - Intended to be adaptable to each partner (different contributions)
 - Based on other bilateral agreements established between GANIL and other parties

TABLE OF CONTENTS:

INTRODUCTION

ARTICLE 1 PURPOSE OF THE AGREEMENT

ARTICLE 2 COLLABORATIVE ACTIVITIES

ARTICLE 3 GENERAL OBLIGATIONS OF THE PARTIES

ARTICLE 4 FINANCIAL REGULATIONS

ARTICLE 5 INTELLECTUAL PROPERTY RIGHTS (IPR)

ARTICLE 6 PURCHASING POLICY

ARTICLE 7 ELIGIBILITY FOR GANIL POSTS

ARTICLE 8 PARTICIPATION IN COMMITTEES

ARTICLE 9 START, DURATION, WITHDRAWAL AND EXTENSION OF THE AGREEMENT

ARTICLE 10 GOVERNING LAW AND DISPUTE RESOLUTION

ARTICLE 11 QUESTIONS AND CONSULTATION

APPENDIX 1 – GENERAL OBLIGATIONS OF THE PARTIES

APPENDIX 2 – FINANCIAL REGULATION

APPENDIX 3 – INTELLECTUAL PROPERTY RIGHTS

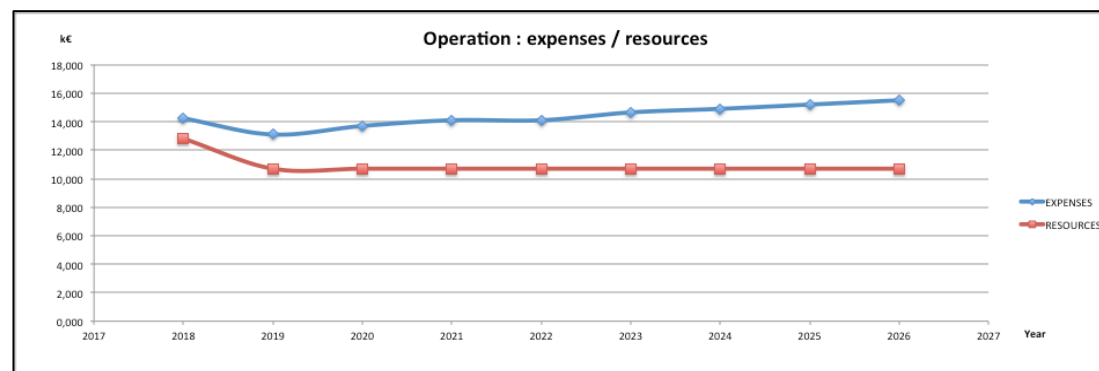
Task 1 (3/4)



- Draft internationalisation strategy
 - Based on a cost analysis
 - The objective for 2022 is to achieve operating GANIL SPIRAL 2 (Phase 1) for 10 months
 - Around 13 additional FTEs will be required for 10 months of operation
 - The gap between expenditures and estimated resources is 10 - 16% of the expenses in 2022, including human resources
 - Does not take into account construction costs for SPIRAL2 Phase 2

Table of contents

I. The scientific interests and benefits of GANIL SPIRAL 2 development for the international community.....	4
1) GANIL, a major facility serving French, European and International research.....	4
2) SPIRAL2, new research prospects on exotic nuclei.....	4
II. Objectives of the internationalisation of GANIL SPIRAL 2	5
1) Numerous existing collaborations at European and International level.....	5
2) Reinforce partnership to achieve the scientific objectives of the SPIRAL 2 project.....	5
III. Analysis of the costs of GANIL SPIRAL 2	6
1) Investment.....	6
2) Operation costs.....	6
3) Details per project:.....	10
IV. A new model of partnership	13
1) To meet the challenges of GANIL-SPIRAL 2	13
2) Scenarios for cost sharing: towards a mixed model?	14
3) Fair-return	15
4) The implementation process of the partnerships	17



Task 1 (4/4)



- Identification of potential partners with previous ties to GANIL
- Poland
 - Discussions to become transitional partner
 - COPIN consortium will represent Poland
 - Past contributions were identified
 - A draft MoU has been written and sent to COPIN for review
- Czech Republic
 - Contacts were made
 - A declaration of interested was requested after the Czech ministry
- Belgium
 - Preliminary exchange was held with KU Leuven
 - Highly interested in partnering
- Germany
 - Their previous contributions to SPIRAL2 make them a key player



Task 2: Private sponsors and banks (1/2)



- Main goal: explore the possibilities for private foundations and/or individuals (including banks) to sponsor GANIL



- Work carried out
 - Method: subcontracting to companies specialized in fundraising
 - Specifications: finalized in March 2018
 - Call for tender: published on April 13th 2018
 - Opening of the bids: May 29th 2018
 - **Selection:** July 2018



Task 2 (2/2)



- Deliverable
 - Split into 2 phases
 - Phase 1: Campaign project definition
 - ❖ Expected 6months after the signature of the contract
 - » Create a tool to communicate with potential sponsors
 - » Identify and map potential sponsors
 - » Written methodology to setup the sponsorship campaign
 - » Written note on the possibility for GANIL to receive private funds
 - Phase 2: Application of the campaign (optional)
 - » Report on meetings with around 10 industrial partners or fundraisers to validate the method and argument
 - » Report on meetings with around 20 potential sponsors, in order to appreciate the feasibility of the campaign, find interested parties, and estimate the financial realistic objective
 - Cost:
 - Phase 1: 44 k€
 - Phase 2 29 k€
 - Total 73k€

Task 3: In-kind contributions (1/4)



- Main goal: define common rules to estimate and monitor in-kind contributions
- MS2: Report on cash, in-kind and like-kind exchange contributions for target partners
 - Target partners were identified according to the level of their past involvement (cash & in-kind contributions)
 - Future potential international partners are:
 - Germany, Italy, Poland, India, Romania, Sweden, Belgium, and Czech Republic.

Country	Cash contribution	Cash+in-kind	In-kind
Germany	9 184 900€ (accelerator)	772 700 € (detectors)	3 484 428 € (accelerator + staff exchange)
Italy		6 749 000 € (accelerator + detectors)	
Poland		363 000€ (detectors)	221 241 € (accelerator + staff exchange)
India		571 000 € (detectors)	19 976 € (staff exchange)
Romania		756 000 € (accelerator + detectors)	90 254 € (staff exchange)
Sweden		489 500 € (accelerator + detectors)	
Belgium		1 192 000 € (accelerator + detectors)	6 642 € (staff exchange)
Czech Republic			210 288 € (detector + staff exchange)

Figure from MS2: distribution per country and per contribution type until 2018

Task 3 (2/4)



- MS3: Report of the already existing contributions from the partner laboratories
 - SPIRAL2 has cooperation agreements with nine countries equaling 8019 person-months

- Contributing countries are:

- Belgium
- the Czech Republic
- Finland
- Germany
- India
- Italy
- Poland
- Romania
- Sweden

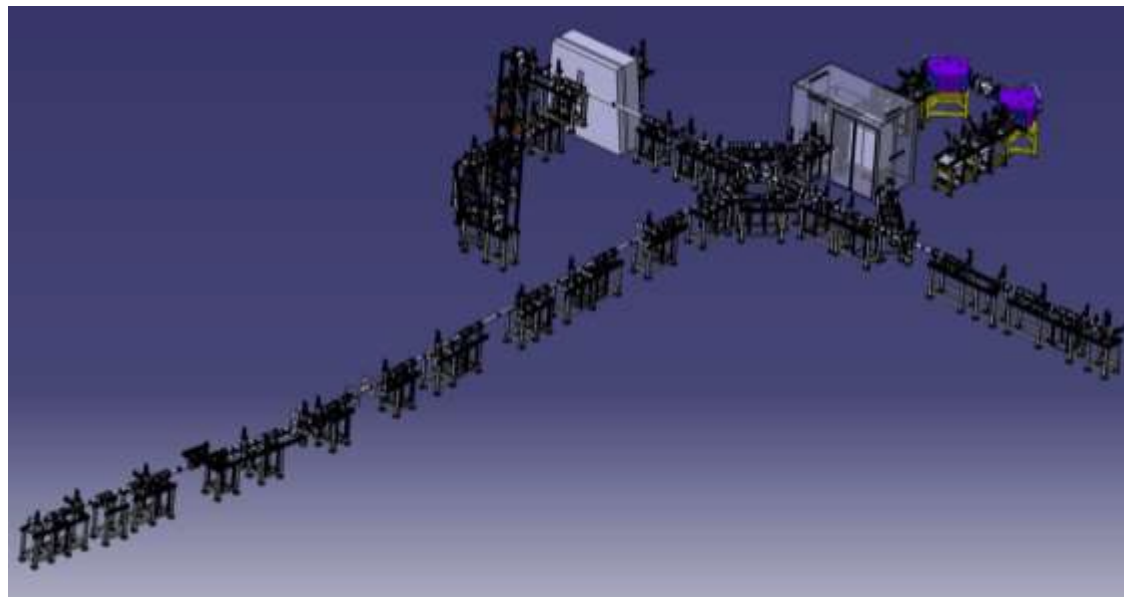
Country	Detector	Agreed	Committed	Delivered
Belgium	ACTAR	8	8	8
	DESIR-DECA	12	12	0
Czech Republic	NFS	50	0	0
Finland	AGATA	59	8	0
Germany	NFS	20	0	0
	AGATA	1890	509	0
	DESIR	18	18	0
India	EXOAM2	12	0	0
	PARIS demo	62	18	0
Italy	AGATA	3755	907	0
	FAZIA demo	746	0	0
	PARIS demo	10	4	0
	NEDA	55	55	0
Poland	AGATA	355	85	0
	EXOAM2	40	0	0
	FAZIA demo	80	0	0
	PARIS demo	166	66	0
	NEDA	49	49	0
Romania	AGATA	50	40	0
	FAZIA demo	15	0	0
	PARIS demo	24	0	0
Sweden	AGATA	519	199	0
	NEDA	24	24	0
Total		8019	2002	8

Figure taken from MS3: Existing in-kind contributions by country, in person-months.

Task 3 (3/4)



- Contractual milestones
 - Field tests:
 - Reduced specifications and bilateral agreements applicable to SPIRAL2
 - Model contract
 - Closure of two further Franco-German contracts (one Power of Attorney, one like-kind)



Sketch: the DESIR low-energy beam transport line

Task 3 (4/4)



- Workshops
 - IKBEST4 at GANIL, April 2018



- Representation of SPIRAL2 at the Big Science Business Forum (BSBF) in Copenhagen



Task 4: Involvement of academic users – representatives of large collaborations in User Board (1/9)



- Main goal: to facilitate users' involvement in the GANIL organization and development



- Work carried out
 - **MS4: Kick-off meeting of the General GANIL-SPIRAL2 Collaboration**
 - Took place 17/10/17 at the 20th colloque GANIL with 130 participants
 - Following discussions, the GANIL Users Group and the GANIL Users Executive Committee (GUEC) were created
 - **MS5: Database on research groups and equipment**
 - Completed

Task 4 (2/9)



- Details on the user group and GUEC:
 - GANIL User – any GANIL user who declares to join
 - GANIL User Group will be represented by the elected GANIL User Executive Committee and Chairperson of GUEC
 - Role of the GUEC:
 - ❖ assisting the GANIL Management in developing an ambitious scientific program of GANIL (inputs for developments of infrastructure, detectors, operation, long-range planning, etc.)
 - ❖ Chairperson of the GUEC – ex-officio member of GANIL Scientific Council (GSC), will confer on a regular basis with chairperson of the GANIL Program Advisory Committee and chairperson of GSC
 - ❖ organizing annual meetings of the GANIL User Group
 - ❖ coordinating the editorial board of the GANIL Annual Report

Task 4 (3/9)



- The GANIL Users Group will be represented by the GANIL Users Executive Committee (GUEC) consisting of 7 members, elected for a 4-year term in a following way:
 - 3 members representing the Nuclear Physics GANIL user community will be elected by all the members of the GANIL User Group;
 - 1 member will be elected by the collaborations around GANIL infrastructures;
 - 1 member will be elected by the collaborations around travelling detectors;
 - 1 member representing collaborations around atomic and material science and non-nuclear physics will be nominated by the Director of CIMAP;
 - 1 member, the liaison member of GANIL, will be nominated by the Director of GANIL, acting as the Secretary of the committee, and facilitating communication between the Committee and the GANIL Director.
- The Chairperson of the Committee will be elected by the Executive Committee at the first meeting from the committee members for 2 years term (to allow certain rotation)

Task 4 (4/9)



- The voting procedure for the representatives of the general user community is:
 - 1. A call for candidates is sent out to all registered GANIL users. Users can nominate candidates and/or declare him/herself candidate.
 - 2. An electronic vote is organized over a given period defined by the GANIL director and all users are informed by e-mail. All registered GANIL users can vote. Each voter must select 3 candidates from 3 different countries. All other votes, for example a vote for less or more than 3 candidates or for two or more candidates from the same country will be declared void.
 - 3. The person (A) with the most votes is declared elected. The person (B) with the following number of votes originating from a different country than (A) is declared elected. The person (C) with the following number of votes originating from a country different than (A) and (B) is declared elected.
 - 4. In case of any tie additional elections only for the persons in tie will be organized.
- The newly elected GANIL User Executive Committee will prepare the Terms of Reference defining precisely the role and organization of the GANIL User Group



Task 4 (5/9)



- Creation of the GANIL user community portal (<https://u.GANIL-spiral2.eu/portal/>)



[Log in](#) or [Register](#)

GANIL USER COMMUNITY PORTAL

Menu

[Home](#)

[Login](#)

[Register](#)

Your registration will allow you to have access to the Ganil user community portal.

After your registration we will activate your account shortly. You will receive an email when your account is enabled.

Email (institutional)

Username/Login (without spaces)

Password

Repeat password

Task 4 (6/9)



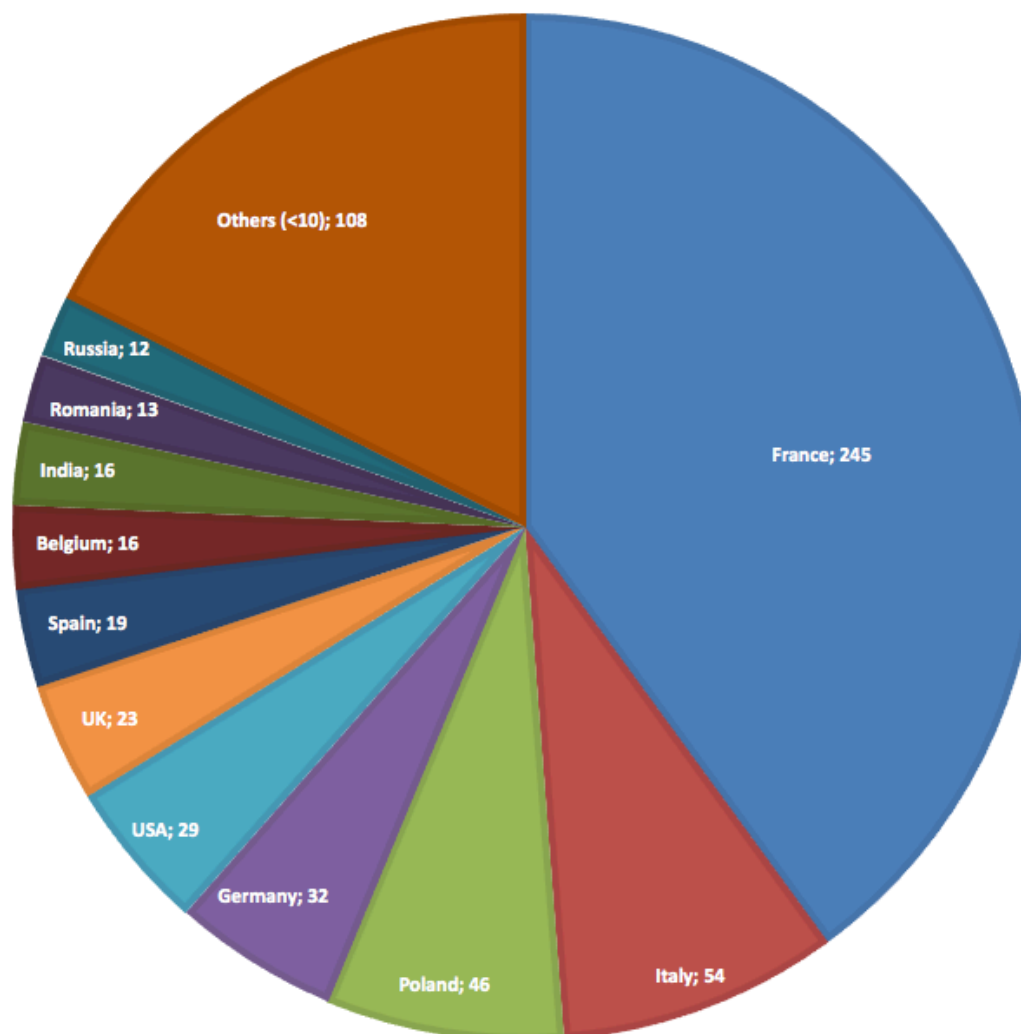
Instruments <ul style="list-style-type: none"> <input type="checkbox"/> ACTAR-TPC <input type="checkbox"/> AGATA <input type="checkbox"/> ALIX; CASIMIR; SPORT <input type="checkbox"/> D1 IRRSUD ARIBE <input type="checkbox"/> DESIR <input type="checkbox"/> EXOGAM2 <input type="checkbox"/> FAZIA/IND <input type="checkbox"/> LISE <input type="checkbox"/> MUST2 <input type="checkbox"/> NEDA <input type="checkbox"/> NFS <input type="checkbox"/> PARIS <input type="checkbox"/> S3 <input type="checkbox"/> VAMOS 		Interests <ul style="list-style-type: none"> <input type="checkbox"/> Applications and Nuclear Data <input type="checkbox"/> Atomic Physics/Material Science <input type="checkbox"/> Fundamental interaction studies <input type="checkbox"/> Nuclear Astrophysics <input type="checkbox"/> Nuclear dynamics from low to medium energy <input type="checkbox"/> Nuclear structure <input type="checkbox"/> Theory 		More information	
Add another instrument <input type="text"/>		Add another interest <input type="text"/>		Firstname / Forename <input type="text"/>	
				Lastname / Surname <input type="text"/>	
				Affiliation <input type="text"/>	
				Gender <input type="text" value="-"/>	
				Position <input type="text" value="Select your position"/>	
				Country <input type="text" value="Select your country"/>	
				Check the box to receive the Ganil Newsletter	
				<input type="checkbox"/> Ganil Newsletter	
				<input type="checkbox"/> I have acknowledged how my data are protected.	
				<input type="button" value="Register"/>	

The security of the user data in the GANIL User Community portal is ensured by the GANIL computer department.

Task 4 (7/9)



NR OF GANIL USERS: 613 (SEPTEMBER 23, 2018)



Task 4 (8/9)



- Ongoing elections for the representatives of the general user community



May 14 –
Letter sent
asking for 1-3
nominations
for GUEC

May 28 –
Closing list of
nominees

June 1 –
Check
agreement of
nominees to
run for office

June 18 –
Electronic
voting open

July 4, 12:00
CET – voting
closes.

Task 4 (9/9)



- Today: GUEC is (almost?) completed

**Elected GUEC members representing
general user community**

Silvia Leoni (Italy)

Andreas Goergen (Norway)

Adam Maj (Poland)

**GUEC member representing
the GANIL directorate**
Maurycy Rejmund (France)

**GUEC member representing
non-nuclear physics community**
Marika Schleberger (Germany)

**GUEC member representing
home detectors**
Antoine Lemasson (France)

**GUEC member representing
travelling detectors**
(to be decided before end of September)

Conclusions (1/2)



- Achievements
 - First draft of GANIL's internationalization strategy
 - Presentation of this strategy at the June 2018 CODIR (GANIL “*Comité de Direction*”) meeting
 - Discussions on internationalization with the user community at Colloque GANIL
 - Communication with future funding partners, including a first draft of the transitional partnership agreement with Poland
 - Workshop on in-kind contributions
 - Launch of the new GANIL Users Group with the associated database and Web portal
- Challenges
 - Personnel changes

Conclusions (2/2)



- The WP is progressing on schedule
 - Met all deadlines
- The advancement of integrating new partners at GANIL looks promising
- The progress of the organization of GANIL users is also very satisfactory





Any questions?

THANK YOU