

# HORIZON 2020 RESEARCH INFRASTRUCTURES

H2020-INFRADEV-2016-1  
INFRADEV-03-2016-2017

INDIVIDUAL SUPPORT TO ESFRI AND OTHER WORLD-CLASS RESEARCH INFRASTRUCTURES



IDEAAL  
INTERNATIONAL DEVELOPMENT OF GANIL-SPIRAL2

*GRANT AGREEMENT NUMBER: 730989*

**DELIVERABLE D1.1 - PLAN FOR DISSEMINATION AND EXPLOITATION OF RESULTS**

Version: 1.0  
Author: Ketel TURZÓ  
Date: 26/06/2017

*PROJECT AND DELIVERABLE INFORMATION SHEET*

ENSAR2 Project Ref. N <sup>o</sup>	730989
Project Title	International Development of gAnil-spirAL2
Project Web Site	<a href="https://ideaal.ganil-spiral2.eu/">https://ideaal.ganil-spiral2.eu/</a>
Deliverable ID	D1.1
Deliverable Nature	Report
Deliverable Level*	PU
Contractual Date of Delivery	June 30 <sup>th</sup> , 2017
Actual Date of Delivery	
EC Project Officer	Darko KARACIC

\* The dissemination levels are indicated as follows: PU – Public, PP – Restricted to other participants (including the Commission Services), RE – Restricted to a group specified by the consortium (including the Commission Services). CO – Confidential, only for members of the consortium (including the Commission Services).

*DOCUMENT CONTROL SHEET*

Document	Title: Plan for Dissemination and Exploitation of Results	
	ID: D1.1	
	Version: 2.0	
	Available at: <a href="https://ideaal.ganil-spiral2.eu/">https://ideaal.ganil-spiral2.eu/</a>	
	Software Tool: Microsoft Office Word 2007	
	File: IDEEAL_D1.1_v1	
Authorship	Written by:	Ketel TURZÓ, GANIL
	Contributors:	
	Reviewed by:	M. Lewitowicz, GANIL
	Approved by:	

*DOCUMENT STATUS SHEET*

Version	Date	Status	Comments
0.0	20.06.2017	For internal review	Details added in two sentences.
1.0	26.06.2017	For internal review	
		Submitted on EC Participant Portal	
		Final version	

**Document Keywords**

Keywords	IDEAAL, GANIL, Dissemination, Communication, Scientists, Society
----------	--

**Disclaimer**

This deliverable has been prepared by Work Package 1 of the Project in accordance with the Consortium Agreement and the Grant Agreement n°730989. It solely reflects the opinion of the parties to such agreements on a collective basis in the context of the Project and to the extent foreseen in such agreements.

**Copyright notices**

© 2017 IDEAAL Consortium Partners. All rights reserved. This document is a project document of the IDEAAL project. All contents are reserved by default and may not be disclosed to third parties without the written consent of the IDEAAL partners, except as mandated by the European Commission contract 730989 for reviewing and dissemination purposes.

All trademarks and other rights on third party products mentioned in this document are acknowledged as own by the respective holders.

*TABLE OF CONTENTS*

List of acronyms and abbreviations.....	4
Executive Summary .....	5
Introduction.....	5
Section 1 - Dissemination .....	6
Section 2 – Exploitation of Results .....	7
Conclusion .....	8

*LIST OF ACRONYMS AND ABBREVIATIONS*

GANIL	Grand Accélérateur National d'Ions Lourds, France
CEA	Commissariat à l'énergie atomique et aux énergies alternatives
CNRS	Centre National de la Recherche Scientifique

## *EXECUTIVE SUMMARY*

It is of high importance for a research institution as GANIL to optimise the dissemination and communication actions towards scientists, industry and society. Beyond creating scientific and technical knowledge, it is essential to ensure its diffusion for further developments and collective benefit of economy and society.

Towards this aim, a specific plan is presented in the following sections. This plan displays the various aspects that will be developed during the IDEAAL project concerning dissemination and exploitation of results produced at GANIL.

## *INTRODUCTION*

GANIL is a world-class research infrastructure. Therefore a crucial part of scientific and technical work at GANIL is dissemination and exploitation of results, communication towards users and towards society. The aim is to maximise the benefit generated by research work in the short and long terms.

This specific activity can take multiple shapes, from an international conference to knowledge transfer to industry. This diversity is necessary in order to reach a maximum of persons who could be interested for professional or personal reasons.

Within the framework of the IDEAAL project, we propose here a plan for Dissemination and Exploitation of Results. This plan will evolve until the end of the project.

As Coordination and Support action, IDEAAL will not directly produce scientific results. The plan for dissemination and exploitation of IDEAAL's results will concentrate on the following actions:

- Towards national and international institutional funders (e.g. ministry, regulatory authorities, regional council, and national research agency)
- Towards users (academics and industry)
- Towards the layman and the press
- Identification and map if the industrial application potential of GANIL activities
- Definition a general implementation method

These dissemination and exploitation actions will be performed in the work package 5 (communication) and work package 4 (innovation), with work package 2 (internationalisation) in close collaboration with specific bodies:

- Communication and Industry services of CEA and CNRS
- A User Board, with representatives from among the user community
- Nucleopolis

These bodies will play a crucial role in distributing information towards (and from) the various partners. This organisation will optimize the exchanges between GANIL staff and its partners. It will also guarantee the sustainability of these dissemination actions beyond the duration of the Project.

In parallel to actions towards partners, the IDEAAL management group will ensure the internal dissemination through regular management meetings and a dedicated web site. The reports of the activities that will be produced for the EC will be placed on the IDEAAL website. Any news and highlights related to GANIL will be also displayed on the IDEAAL web site.

## SECTION 1 - DISSEMINATION

In IDEAAL, a full work package is dedicated to communication:

### ▪ Towards members and funding partners

It is essential to diffuse information towards members and funding partners in order to advise them about results obtained that could not be achieved without their financial support.

The existing communication towards members and funding partners will be enhanced through different actions:

- Preparation of dedicated communication tools will be implemented in connection to find new private funders and sponsors.
- The GANIL communication service will work in collaboration with the communication services of regulatory authorities (CEA and CNRS), international partners and local authorities in order to use the communication tools already developed by each service (websites, newsletters...) and to coordinate the promotion of international joint projects.
- In this aim, a local communication network will be created in order to favour exchange of information between GANIL, the local funding partners and members and the public. This action will improve the communication particularly towards general public.
- A summary activity report will be sent annually to members and funding partners to present the scientific and technical developments at GANIL.

### ▪ Towards users (academics and industries)

Users need information about GANIL organisation in order to optimize the coordination of their experiments, and more generally, to ensure a high level of collaboration with GANIL teams.

Various tools will be developed to improve this information flux:

- Upgrade of the users web site, in order to optimize the search for information in preparation of experiments, meetings, and conferences. Results of partnerships between GANIL and national and international partners will be highlighted in a dedicated section.
- Creation of a GANIL newsletter for users for regular information about major GANIL events and common projects with its partners.
- An annual report of scientific and technical activities.
- An annual international conference focused on the GANIL community. The 2017 edition is planned from October 15<sup>th</sup> to 20<sup>th</sup> (<http://pro.ganil-spiral2.eu/events/colloques/2017>).
- For industrial users, there will be specialized information and promotional tools such as leaflets and brochures. A new leaflet is in preparation for October. A dedicated web site will be set up to optimize the preparation of their experiments at GANIL and to provide all practical information (contacts, on-line maps, access conditions). In addition, GANIL will be advertised in specialized press.

### ▪ Towards the layman

For a research infrastructure, communication to the general public is crucial for several reasons. One of them, concerning financial resources, is that public funds come from taxes. It is then a fair return to inform the public about the results produced from the use of these public funds. In addition, the general public is interested in science and its applications as evidenced by the growing popularity of the annual GANIL "Open House". Finally, the communication actions towards the general public make people aware of the dynamic nature of the scientific community and to bring forward international joint projects.

With the start of SPIRAL2, special actions are necessary to communicate about this new infrastructure:

- A travelling exhibition about GANIL, to be presented within GANIL and on the sites of its partners.

- Seminars of GANIL researchers during the French Science Festival and in partners' countries.
- A virtual visit of GANIL to be available online to present the laboratory to local and foreign non-experts.
- Videos of GANIL, broadcasted on GANIL web TV (<http://www.dailymotion.com/ganil-spiral2>) and online platforms developed by partners.
- Brochures about GANIL (including teaching material, institutional and scientific information) as an introduction for visitors and provided to local, national and international partners.

More generally, it will be developed a digital strategy for GANIL for the duration of the IDEAAL project and beyond. The digital strategy will explore and take into account all digital tools: social networks, videos platforms, websites and reciprocal exchanges of link strategies. These tools will be developed consistently with websites and editorial strategies.

In parallel, artistic partnerships will be implemented. The expected results are presentations of GANIL that will be complementary to what scientists usually do. The layman will then benefit from a different point of view on science in a research infrastructure.

#### ▪ Towards press

Developing as an international research infrastructure, GANIL needs to increase the communication actions towards press at a local, national and international level, with general and specialized press (industrial, scientific...).

Therefore, IDEAAL team will develop regular relationships with the press, instead of a case-by-case approach.

In addition, a press kit on GANIL will be created. It will summarize all general and institutional information about GANIL. A specific press area will be created on the GANIL web site to provide specific contents to journalists (press releases, copyright-free pictures, press contacts).

In addition, IDEAAL consortium will create and maintain a web site dedicated to IDEAAL to disseminate and promote the knowledge derived from the various activities of IDEAAL within and beyond the consortium. This website will also be used for the internal communication: <https://ideaal.ganil-spiral2.eu/>

## SECTION 2 – EXPLOITATION OF RESULTS

In the following only the results produced in the framework of workpackage 4 “Innovation and Industries” are taken into account.

Continuous development of GANIL accelerators, but also of the associated instrumentation (and especially the experimental equipment) leads to studies, design and manufacturing of technical means that could have other applications in many industrial sectors (aeronautics, chemistry, health, automotive ...). If these technology transfers are still underdeveloped, there is a large transfer potential which could be a major source of revenue for GANIL.

The objectives are:

- Identify and map the industrial application potential of GANIL activities
- Define a general implementation method
- Launch the implementation of these industrial applications, particularly in two areas where this potential has already been identified:
  - beam diagnostic system ("beam profile monitor")
  - production of radioisotopes

- **Provide industrial application tools to GANIL**

- Realization of the mappings of the existing potential
- Identification of new areas for industrial applications ("market research")
- Identification companies by realizing a panel of "customers" in line with the base of GANIL suppliers but also with the directory of Nucleopolis members, with industrial and innovative companies in the region of Normandy and across Europe
- Implementation arrangements for transfers, for the production of radioisotopes or for the provision of resources (human and technical): financial and legal aspects, practical implementation...
- Tools to promote this activity in connection with the communication service

- **Operational implementation**

This is to allow the "matching" between industrial application opportunities and identified companies. Two modes are available:

- Organization of exchange meetings
- Participation in exhibitions

Specific actions:

- Support for the technology transfer of the beam profile monitors
- Promotion of the Innovative radio-isotope production

### *CONCLUSION*

As presented here, the IDEEAL Collaboration has a plan for Dissemination and Exploitation of Results that includes a large variety of actions towards scientists, industry and society. In such way, it will guarantee an efficient knowledge transfer.

This plan will be regularly updated along IDEEAL duration. The corresponding actions will be recorded through the continuous reporting: deliverables and milestones, and dissemination actions.