



**MINUTES FROM THE THIRD ANNUAL AND
GENERAL ASSEMBLY MEETINGS**

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AMICI

Accelerator and Magnet Infrastructure for Cooperation and Innovation
Horizon 2020 / Coordination and Support Action (CSA)

DELIVERABLE REPORT

MINUTES FROM THE THIRD ANNUAL AND GENERAL ASSEMBLY MEETINGS

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	Name	Partner	Date
Authored by	A. Yildirim [AMICI Project Manager]	CEA	15 th October 2019
Reviewed by	S. Leray, O. Napoly [AMICI Coordinators]	CEA	28 th October 2019
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Minutes from the Third Annual and General Assembly meetings

Executive summary:

The AMICI Third Annual Meeting took place on 9th October 2019 in Paris-Saclay, at the premises of CentraleSupélec. The WP leaders and the coordinator presented the results of each Work Packages and the future plan for the AMICI activities.

The General Assembly meeting took place on the same day from 8:30 to 10:30. The General Assembly and Steering Committee members deliberated the results of the projects, the administrative matters and the future activities of AMICI.

The progress reports of the last period were prepared, during a Workshop on on 8th October, through discussions with all AMICI task contributors. Then participants had the opportunity to visit the Synergium, the technological facility at CEA Paris-Saclay.



1. INTRODUCTION

The aim of the AMICI Third Annual meeting was to present the results of each Work Packages and to describe the future plan for the AMICI activities. It was attended by most of the main contributors, Task and Work Package leaders. The meeting was preceded by a workshop on the 8th of October during which the outcome of each Task was reviewed and the perspectives for the future activities discussed by the participants.

A General Assembly meeting was convened before the Third Annual Meeting during which the results of the projects, the administrative matters and the possible follow-up of AMICI have been deliberated.

All details from the Third Annual meeting, including timetable, presentations, participants and satellite meetings can be consulted on the public Web-based [Indico](#) site of this event.

2. AGENDA

08:30 - 10:00: General assembly meeting

10:00 - 10:30: Welcome coffee

10:30 - 11:15: Objectives and main results of AMICI

Speaker: Olivier NAPOLY (CEA)

11:15 - 11:45: Presentation of Work Package 2 "Strategy"

Speakers: Walid KAABI (CNRS) and Tord EKELÖF (UU)

11:45 - 12:15: Presentation of Work Package 3 "Cooperation"

Speaker: Hans WEISE (DESY)

12:15 - 13:45: Lunch

13:45 - 14:15: Presentation of Work Package 4 "Innovation"

Speaker: Anthony GLEESON (STFC)

14:15 - 14:45: Presentation of Work Package 5 "Industrialization"

Speaker: Pasquale FABBRICATORE (INFN)

14:45 - 15:00: Relation with industry

Speaker: Mauro MORANDIN (INFN)

15:00 - 15:30: Report from the Advisory Group

Speaker: Andrew HUTTON

15:30 - 15:45: Future of AMICI

Speaker: Sylvie LERAY (CEA)

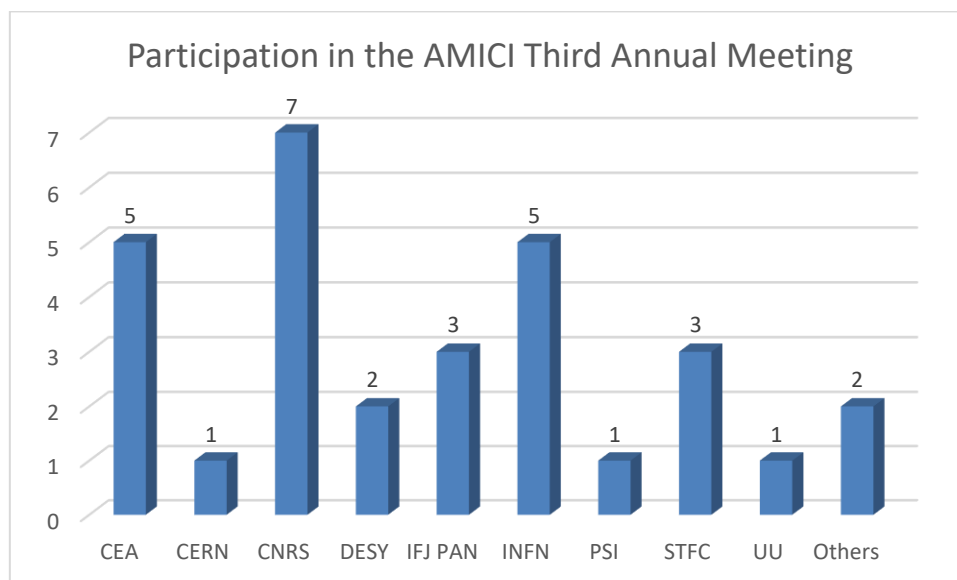
15:45 - 16:15: Conclusions from the European Commission
Speaker: Patricia POSTIGO-MCLAUGHLIN

16:15 - 16:30: Signature of the expression of intent

16:30 - 17:00: Cocktail

3. GLOBAL PARTICIPATION

In total, the AMICI Third Annual [Meeting](#) gathered 30 participants. The distribution of the participants is as follows:



Since the AMICI results and the future activities, with a special focus on the collaboration with industry, had been presented during the Second AMICI-Industry [Forum](#), well attended by industrial companies, in Brussels three weeks before the AMICI Third Annual [Meeting](#), it was not necessary to invite industrial companies again for this AMICI collaboration meeting. The Advisory Group members had met during the Industry Forum, only the Chair of the AG was invited and asked to present its conclusions on the AMICI activities in relation with Industry.

To learn more about the Second AMICI-Industry [Forum](#), which gathered a large number of companies, please refer to the minutes of the Second AMICI-Industry [Forum](#), [available here](#).

At the AMICI Third Annual [Meeting](#) the Advisory Group members have not been summoned for a closed meeting. This explains the absence of industrial companies during the meeting.

4. MINUTES FROM THE MEETINGS

4.1. AMICI THIRD ANNUAL MEETING

The AMICI Third Annual Meeting took place on 9th October 2019 at the Université Paris-Saclay, on the premises of CentraleSupélec.



Chaired by each WP leaders, the open meeting gathered about 30 participants representing all the AMICI beneficiary institutions as well as the AMICI EC project officer, who presented the conclusions from the European Commission. The WP leaders and the coordinator presented the results of each Work Packages and described their plan for future AMICI activities. The relation of AMICI with industry was demonstrated through two sessions presented by Andrew HUTTON, chair of Advisory Group and Mauro MORANDIN, ILO for CERN representing INFN. Finally, a session was dedicated to the signature of an Expression of Intent for a future AMICI Collaboration Agreement. The EoI has been signed by 7 partners of AMICI and by CIEMAT. The missing three partners agreed to sign it later.

The progress reports presented at the Third Annual Meeting were prepared, on the 8th of October, through a workshop with all AMICI task contributors.

During the workshops, the remaining deliverables have been refined and the Second Progress and the organization of the financial reporting (D1.10) agreed upon.

A visit of the Synergium, the CEA technological facility at CEA Paris-Saclay was organized. About 20 people participated.

This event was the opportunity to raise awareness among the local area, the Université Paris-Saclay to which both CEA and CNRS belong, through a large public event, mostly directed towards the students of the University. A presentation of the domain of accelerators and magnet technology was given and posters, one 360° film on the Synergium and one on a Technological Facility at STFC were presented. To learn more about this action please refer to the D1.7 Dissemination and data management report.

All details from the Third Annual [meeting](#), including timetable, presentations, participants and satellite meetings can be consulted on the public Web-based [Indico](#) site of this event.

4.2. GENERAL ASSEMBLY MEETING

Present:

General Assembly members: J-L. Biarrotte (CNRS, chairman of the GA), T. Ekelöf (UU), N. Alamanos representing A-I. Etienvre (CEA), T. Garvey representing L. Rivkin (PSI), M. Morandin representing S. Falciano (INFN), T. Lesiak (IFJ PAN), P. McIntosh representing S. Smith (STFC), A. Willner (DESY, remote)

Excused: F. Bordry (CERN), A-S. Müller (KIT)

Project Coordination Team: O. Napoly (Coordinator), S. Leray (Deputy-coordinator), A. Yildirim (Project manager),

Steering Committee members: P. Fabbriatore (INFN), A. Gleeson (STFC), W. Kaabi (CNRS), M. Duda representing D. Bocian (IFJ PAN), H. Weise (DESY)

Excused: S. Grohmann (KIT), M. Vretenar (CERN)

The AMICI fifth General Assembly meeting was held on October 9th, 2019 from 8:30 to 10:30 in the Ångström Laboratory (Uppsala University).

Agenda:

1. Status of the AMICI H2020 project (O. Napoly)
2. Status of the AMICI administrative matters (O. Napoly)
3. Future AMICI activities (S. Leray)
4. Expression of Intent to continue to be part of the AMICI collaboration (All)
5. Any Other Business

Minutes:

1. Status of the AMICI H2020 project (O. Napoly)

O. Napoly reported the main results performed within the AMICI project in the different Work Packages and highlighted the initial objectives presented during the kick-off meeting showing what has been achieved. The report of each WP progress is available in [this presentation](#).

2. Status of the AMICI administrative matters (O. Napoly)

Final report

A publishable summary will be produced by CEA (1/2 page)

The introduction will include the objectives of the project (CEA) (2-3 pages)

The main content of the final report will include, for each WP (3-5 pages per WP), an overview of the results obtained in the WP (written by the WP leaders) and the work done in each task (written by the task leaders)

The conclusion including the plans for the future will be produced by CEA (2-3 pages)

The deadline for sending WP contributions is set to the 31st October and will be reviewed by the Steering Committee members in November.

Budget Spending

The last column of the table below states the estimation of the budget spending for the 10 AMICI beneficiaries.

Partner Number	Beneficiary	Country	Total Costs Expected	(q) Prefinancing payment already	P1 - January 2017 - June 2018	Ratio P1 / Total expected costs	January 2017 - December 2018	Budget spending estimation
1	CEA	FR	687 125	515 343,75	344 470,73	50,13%	444 514,23	110-120%
2	CERN	CH	201 500	151 125,00	133 672,71	66,34%	221 408,36	149%
3	DESY	DE	182 500	136 875,00	75 599,23	41,42%	122 839,08	99%
4	INFN	IT	347 500	260 625,00	223 452,51	64,30%	283 408,32	110%
5	IFJ PAN	PL	159 000	119 250,00	72 550,69	45,63%	79 390,17	100%
6	CNRS	FR	218 250	163 687,50	84 679,59	38,80%	105 490,49	~100%
7	STFC	UK	217 125	162 843,75	46 887,18	21,59%	108 136,00	~100%
8	UU	SE	100 000	75 000,00	44 287,84	44,29%	69 442,79	100%
9	PSI	CH	95 125	71 343,75	27 745,69	29,17%	32 918,15	50-60%
10	KIT	DE	71 625	53 718,75	19 164,81	26,76%	23 745,02	100%
TOTAL			2 279 750	1 709 812,50	1 072 510,98	47,05%	1 491 292,61	

The General Assembly decided on a way to distribute the leftover budget, which is expected to represent about 40-50 k€. The remaining allowance will be used to cover the over cost of CEA.

3. Follow-up of AMICI (S. Leray)

AMICI Collaboration Agreement and Expression of Intent

One of the main results of the AMICI project has been (in WP3) to propose a framework for the coordination of the European Accelerator and Magnet Technology Infrastructure. A model of a Collaboration Agreement has been elaborated and presented as Deliverable 3.3. Since this Collaboration Agreement has still to be reviewed by the legal offices of the signatories, it was proposed to sign at the



end of the Third Annual Meeting an Expression of Intent to be part of the future Collaboration. Additional partners, fulfilling the selection criteria defined in WP3, are welcome to join the collaboration.

S. Leray reported the activities that should be performed in the framework of the follow-up of AMICI, all details are available in [this presentation](#).

The draft of the Collaboration Agreement will be reviewed by legal offices at the end of 2019.

The effective agreement is expected to be signed by the AMICI partners and additional ones at the beginning of 2020.

Activities foreseen in the follow-up of AMICI

They will include:

- activities initiated under the current AMICI project, and if necessary, strengthened/adapted taking into account the feedback from the partners and from industry
- actions to develop and optimize the capabilities of the TFs to support the construction of future accelerator-based RIs and ensure their sustainability
- services to industry

The activities of the Collaboration will depend on the available resources. Therefore the preceding kinds of activities can be considered as the target to be achieved gradually as resources become available.

The minimum requirement to start is the creation of a central information and contact point with specialized staff, located in the coordinating institution, with the help of correspondents in each of the member institutions. Part of the funding for 2021-2022 could come from the ETIAM Strategy Action proposed in the framework of the INFRAINNOV-04-2020 Accelerator Innovation Pilot, if accepted. The 2020 activities will be covered by CEA who has proposed to continue coordinating the Collaboration and in-kind contributions from the partners.

The ETIAM (European Technology Infrastructure for Accelerators and Magnets) Strategy action proposal

ETIAM (European Technology Infrastructure for Accelerators and Magnets) is the name of the action proposed by the AMICI collaboration within the scope of the ARIES Accelerator Innovation Pilot.

Overall goal: to support the establishment of an AMICI Collaboration and the start-up of the main activities to be carried out over a first period of two years.

Participants: Most of the AMICI partners + CIEMAT

Coordination: CEA is ready to coordinate the Collaboration and assign dedicated staff

The activities proposed within the ETIAM project include:

- Strategy for the development of the AMICI TI
- Organization and operation of a central information and contact point
- Setting up common practices and rules for the access to the AMICI TPs
- Promotion of the TPs

Distribution of the budget among the partners (for two years) will be as below:



			CEA	INFN	UU	DESY	CNRS	STFC	CERN*	IFJ- PAN	KIT	PSI*	CIEMAT	TOTALS
A	Personnel and travel costs	k€	162	32	32	65	27	27	27	27	27	27	27	480
B	Material and other costs	k€												
C	Requested EC contribution	k€	100	20	20	41	17	17	17	17	17	17	17	300
	Funding rate		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	F= C/(1.25*(A+B))													

* Participation not yet confirmed

4. Conclusion from the chair of the General Assembly (J-L.Biarrotte)

- The AMICI partners represented at the GA are ready to continue the AMICI activities and to sign the proposed Letter of Intent
- The present draft version of the proposed AMICI Collaboration Agreement is a good basis, but it is agreed between partners that:
 - The connection with the research/R&D community working in the field of accelerators and magnets, in-part already organized within the TIARA consortium, should be strengthened in an explicit way inside the Agreement so as to ensure that the AMICI strategy is, and will continue to be properly defined in coherence with its users' needs.
 - A technical annex to this Collaboration Agreement should be prepared as soon as possible, describing the foreseen scope of the AMICI activities for the very next years, and including the actual contribution and commitment of each partner; at first order, this annex should be based on the proposal scope showed during the meeting (see S. Leray's presentation), with, as far as 2020 resources are concerned, exclusively In-Kind (staff) resources (except for CEA as coordinator organism).

5. Expression of Intent to continue to be part of the AMICI collaboration

The Expression of Intent has been signed by the partners present at the Meeting, the other partners confirmed their will to participate, and CIEMAT has sent its signature a few days after the meeting.

6. AOB: none

5. CONCLUSION

The AMICI Third Annual meeting reached its goal of finalizing the project, demonstrating active collaboration and forward vision.

The WP leaders and the coordinator stated the results of each Work Packages and presented the future plan for the AMICI activities. The relation of AMICI with industry was demonstrated by Andrew HUTTON, chair of Advisory Group and Mauro MORANDIN, ILO for CERN representing INFN. The AMICI EC project officer participated in the meeting and presented the conclusions from the European Commission. Besides, a session was dedicated to the signature of an Expression of Intent which has been signed by 7 partners of AMICI and by CIEMAT. The missing three partners agreed to sign it later.

During the General Assembly meeting, the General Assembly and Steering Committee members stated the results of the projects and decided on the administrative matters including the writing of the final



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report and the budget distribution. The future activities of AMICI were discussed in the context of the Collaboration Agreement and the Expression of Intent. Along with these activities, the ETIAM project proposed within the ARIES Innovation Pilot project has been presented.

This impact of the AMICI Third Annual Meeting to the local area is shown not only through the important participation from CEA and CNRS but also through the successful public event, an action primarily intended to students of the Université Paris-Saclay campus.

Besides, this was the opportunity to put into the spotlight the Synergium, a CEA technological facility at CEA Paris-Saclay, which has been visited by about 20 AMICI participants toured by the AMICI coordinator.