



# Introductory Talk

P. Giacomelli (INFN Bologna)
INFN Bologna
AlDAinnova Scientific coordinator







• First of all:



- First of all:
  - Welcome to Catania!



- First of all:
  - Welcome to Catania!
  - I am sure that you have all appreciated the climate and the food!!



- First of all:
  - Welcome to Catania!
  - I am sure that you have <u>all</u> appreciated the <u>climate</u> and the <u>food!!</u>
  - To continue with the good food I remind you the:



- First of all:
  - Welcome to Catania!
  - I am sure that you have all appreciated the climate and the food!!
  - To continue with the good food I remind you the:

Social Dinner tonight at 20:00



- First of all:
  - Welcome to Catania!
  - I am sure that you have <u>all</u> appreciated the <u>climate</u> and the <u>food!!</u>
  - To continue with the good food I remind you the:

Social Dinner tonight at 20:00

Dimora de Mauro, Via G. Clementi 5



- First of all:
  - Welcome to Catania!
  - I am sure that you have <u>all</u> appreciated the <u>climate</u> and the <u>food!!</u>
  - To continue with the good food I remind you the:

Social Dinner tonight at 20:00

Dimora de Mauro, Via G. Clementi 5

https://www.dimorademauro.com/en



- First of all:
  - Welcome to Catania!
  - I am sure that you have <u>all</u> appreciated the <u>climate</u> and the <u>food!!</u>
  - To continue with the good food I remind you the:

Social Dinner tonight at 20:00

Dimora de Mauro, Via G. Clementi 5

https://www.dimorademauro.com/en



- First of all:
  - Welcome to Catania!
  - I am sure that you have <u>all</u> appreciated the <u>climate</u> and the <u>food!!</u>
  - To continue with the good food I remind you the:

Social Dinner tonight at 20:00

Dimora de Mauro, Via G. Clementi 5

https://www.dimorademauro.com/en





Reporting Period 2 (RP2) comes to and end on 31/03/2024



- Reporting Period 2 (RP2) comes to and end on 31/03/2024
  - RP2 report will have to be finalised by the end of May 2024



- Reporting Period 2 (RP2) comes to and end on 31/03/2024
  - RP2 report will have to be finalised by the end of May 2024
- This is the reason why we have the 3rd Annual meeting a bit earlier than usual





 We had several meetings with the coordinators of I.FAST and LEAPS-INNOV (together with AIDAinnova the 3 INFRA-INNOV pilot projects)



- We had several meetings with the coordinators of I.FAST and LEAPS-INNOV (together with AIDAinnova the 3 INFRA-INNOV pilot projects)
  - We discussed what could be the best future EU calls for the three projects



- We had several meetings with the coordinators of I.FAST and LEAPS-INNOV (together with AIDAinnova the 3 INFRA-INNOV pilot projects)
  - We discussed what could be the best future EU calls for the three projects
    - We wrote a common report to the EU proposing to have 3 new calls, about 10 M€/ each with a mandatory co-financing scheme (50%?) in the programme 2024-2025



- We had several meetings with the coordinators of I.FAST and LEAPS-INNOV (together with AIDAinnova the 3 INFRA-INNOV pilot projects)
  - We discussed what could be the best future EU calls for the three projects
    - We wrote a common report to the EU proposing to have 3 new calls, about 10 M€/ each with a mandatory co-financing scheme (50%?) in the programme 2024-2025
    - We had a very successful meeting in Brussels in July 2023 with the new head of REA



- We had several meetings with the coordinators of I.FAST and LEAPS-INNOV (together with AIDAinnova the 3 INFRA-INNOV pilot projects)
  - We discussed what could be the best future EU calls for the three projects
    - We wrote a common report to the EU proposing to have 3 new calls, about 10 M€/ each with a mandatory co-financing scheme (50%?) in the programme 2024-2025
    - We had a very successful meeting in Brussels in July 2023 with the new head of REA
      - 2 separate Work Programmes, WP25 (to be adopted in spring 2025) and WP26-27 (to be adopted at the end of 2025) will be published



- We had several meetings with the coordinators of I.FAST and LEAPS-INNOV (together with AIDAinnova the 3 INFRA-INNOV pilot projects)
  - We discussed what could be the best future EU calls for the three projects
    - We wrote a common report to the EU proposing to have 3 new calls, about 10 M€/ each with a mandatory co-financing scheme (50%?) in the programme 2024-2025
    - We had a very successful meeting in Brussels in July 2023 with the new head of REA
      - 2 separate Work Programmes, **WP25** (to be adopted in spring 2025) and **WP26-27** (to be adopted at the end of 2025) will be published
      - In WP25 there should be a dedicated formulation of INFRA-TECH calls for AIDAinnova, I.FAST and LEAPS-INNOV



- We had several meetings with the coordinators of I.FAST and LEAPS-INNOV (together with AIDAinnova the 3 INFRA-INNOV pilot projects)
  - We discussed what could be the best future EU calls for the three projects
    - We wrote a common report to the EU proposing to have 3 new calls, about 10 M€/ each with a mandatory co-financing scheme (50%?) in the programme 2024-2025
    - We had a very successful meeting in Brussels in July 2023 with the new head of REA
      - 2 separate Work Programmes, **WP25** (to be adopted in spring 2025) and **WP26-27** (to be adopted at the end of 2025) will be published
      - In WP25 there should be a dedicated formulation of INFRA-TECH calls for AIDAinnova, I.FAST and LEAPS-INNOV
      - For WP25 the deadline could be in spring 25 with financing towards the end of 2025





AIDAinnova will end on 31/03/2025



- AIDAinnova will end on 31/03/2025
- Despite the great work performed in all the tasks of the various WPs, some activities could benefit of a short extension of the project, of the order of **6 months**, to properly finish and accomplish their objectives



- AIDAinnova will end on 31/03/2025
- Despite the great work performed in all the tasks of the various WPs, some activities could benefit of a short extension of the project, of the order of 6 months, to properly finish and accomplish their objectives
  - We could do as we did for AIDA-2020, where we asked for a longer extension of 1 year, without any extra funding.



- AIDAinnova will end on 31/03/2025
- Despite the great work performed in all the tasks of the various WPs, some activities could benefit of a short extension of the project, of the order of 6 months, to properly finish and accomplish their objectives
  - We could do as we did for AIDA-2020, where we asked for a longer extension of 1 year, without any extra funding.
  - The motivation of such a request would have to be properly documented and justified



- AIDAinnova will end on 31/03/2025
- Despite the great work performed in all the tasks of the various WPs, some activities could benefit of a short extension of the project, of the order of 6 months, to properly finish and accomplish their objectives
  - We could do as we did for AIDA-2020, where we asked for a longer extension of 1 year, without any extra funding.
  - The motivation of such a request would have to be properly documented and justified

## AIDA innova

#### ECFA DRDs

- ECFA detector roadmap approved by Council, defined the implementation
  - New DRD groups, organised similarly (calorimetry, solid state detectors, gaseous detectors, electronics, etc.) to AIDAinnova
    - Important to join the groups of interest: <a href="https://indico.cern.ch/event/957057/page/27294-implementation-of-the-ecfa-detector-rd-roadmap">https://indico.cern.ch/event/957057/page/27294-implementation-of-the-ecfa-detector-rd-roadmap</a>
    - DRDs have been finalised (most of them) at the end of 2023 and are operational since January 2024
  - ECFA and AIDAinnova managements met on September 27th, 2022
    - Ensured that all activities covered by AIDAinnova are also contained in the DRDs
  - It is important that we follow closely the development of the DRDs



### Milestones

Mil n°	WP/Task	Due date	Foreseen date	Comments
MS45	WP11	M18 (Sept 2022)		
MS8	WP3	(M27=June 2023)	M33 = Dec 2023	Justification online
MS39	WP9	(M33= Dec 2023)		
MS9	WP3	(M36=March 2024)		
MS19	WP5	(M36=March 2024)		
MS27	WP7	(M36=March 2024)		
MS28	WP7	(M36=March 2024)		

**<sup>≥40</sup>** Milestones have already been achieved so far

<sup>!!</sup> The AIDAinnova project will end in March 2025: all Milestones must be reached by then



## Deliverables

Del n°	WP/Task	Due date	Foreseen date	Comments
D11.1	WP11	M22 = January 2023		
D11.2	WP11	M23 = February 2023		
D3.1	WP3	M30 = Sept 2023	M39 = June 2024	Justification online
D6.1	WP6	M30 = Sept 2023	M37 = April 2024	Justification online
D8.2	WP8	M35 = Feb 2024		Under review
D5.3	WP5	M36 = March 2024		
D7.1	WP7	M36 = March 2024		
D8.1	WP8	M36 = March 2024		

<sup>&</sup>gt; 6 Deliverables have been submitted/approved so far and 4 delayed!

The AIDAinnova project will end in March 2025: all Deliverables must be submitted by then.



## Publications/Zenodo

#### ! All AIDAinnova publications must include the following acknowledgement text:

This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under GA no 101004761.

The publications can be added directly to **ZENODO**, please make sure you add the AIDAinnova funding:



or send your publication to <a href="mailto:Sabrina.el.Yacoubi@cern.ch">Sabrina.el.Yacoubi@cern.ch</a>



## Publications

#### Number of publications:

Journal publication	Conference paper	Report	Technical note
24	5	1	1

#### Number of publications per WP:

WP3	WP4	WP5	WP6	WP8	WP12
2	4	10	4	4	3



### P2 reporting exercise

- Period 2 for Beneficiaries: from M19 (October 2022) to M36 (March 2024)
  - Year 3 for Associated Partners: from M25 (April 2023) to M36 (March 2024)
- Consolidated P2 report must be submitted by the end of May 2024
- •P2 report is composed of:
  - **→**Technical part
    - √ Technical report
    - ✓ Summary for publication [WP1 responsability]
    - ✓ All Milestones and Deliverables due by March 2024
    - √ Dissemination, Exploitation & Communication Activities [WP2 responsability]
    - **√** Gender
  - > Financial part
    - √ P2 Financial Statement for all Beneficiaries (+ P1 adjustment if needed).
    - ✓ Explanation of the Use of Resources for all Beneficiaries
    - ✓ IRUS for all Beneficiaries and Associated Partners (follow-up at Consortium level, not reported to the EU)
    - ✓ <u>Justification of any deviation</u> (on either: PM, costs, average personnel cost) for all Beneficiaries and Associated Partners
      - For Beneficiaries: justifications related to EU budget deviation are included in the Technical report



### P2 reporting exercise deadlines

#### Technical part deadlines:

- Coordination Office to distribute the P2 Technical report template: March
- Task Leaders to provide P2 Technical report to WP Leaders: 15/04/2024
- •WP Leaders to provide P2 Technical report to Coordination Office: 25/04/2024
- •Review by Management Team, MT to send revision requests to WP Leaders: 05/05/2024
- •WP Leaders to provide a revised version: 14/05/2024
- •Coordination Office to send the consolidated P2 Technical report to GB for approval: 24/05/2024

#### •Financial part deadlines:

- Distribution of IRUS templates: March (full costs reporting)
- •IRUS deadline: D+20, i.e. by 20/04/2024
- •Justifications on IRUS deviation deadline: 25/04/2024
- Reporting module will open on the EC Portal on 01/04/2024 (EC costs reporting)
- •Financial Statement signature deadline: D+45, i.e. by 15/05/2024
- •Justifications on FS deviation deadline: 15/05/2024

12



#### EURO-LABS

- EURO-LABS, our TA project
  - Started on September 1st, 2022
  - TA requests can be made using EURO-LABS funds
  - EURO-LABS website: <a href="https://web.infn.it/EURO-LABS/">https://web.infn.it/EURO-LABS/</a>
  - WP4 offers a TA very similar to AIDA-2020 but with a larger budget
    - P. Giacomelli is the project coordinator and M. Mikuz is the WP4 coordinator
  - Strongly encourage AIDAinnova groups to submit funding requests
    - Procedure is described here: <a href="https://web.infn.it/">https://web.infn.it/</a>
       EURO-LABS/how-to-apply-for-transnational-access/





#### The Project

PROJECT ACRONYM: EURO-LABS – EUROpean Laboratories for Accelerator

**Based Science** 

**PROGRAMME:** Horizon EU (Research infrastructure services to support health research, accelerate the green and digital transformation, and advance frontier

knowledge)

**DURATION:** September 2022- August 2026 (4 years)

**TOTAL BUDGET:** 14.5 M€

**TOTAL EC CONTRIBUTION:**14.2 M€

CONSORTIUM: 33 participants from 18 countries
PROJECT COORDINATOR: Paolo Giacomelli (INFN)

The project brings together, for the first time, the three research communities of nuclear physics, accelerator and detector technologies for high energy physics, in a pioneering super-community of sub-atomic scientists.

It provides effective access to a network of 47 Research Infrastructures (including 3 RIs with Virtual Access) to conduct curiosity-based research, addressing fundamental questions and technological challenges and advancing projects with broad societal impact, fostering knowledge sharing between scientific fields and enhancing Europe's potential for successfully facing future challenges.

It allows a synergic implementation of best practices for data management and activities relating to targeted service improvements at these RIs. Joint training activities are foreseen to develop the skills of the next generation researchers to optimally use the RIs services for scientific and technological discoveries.



Courtesy Google Earth





#### WHO IS INVOLVED

EURO-LABS is a network of 33 research and academic institutions from 18 countries (25 beneficiaries and 8 associated partners) from European and non-EU countries, involving 47 Research Infrastructures in the Nuclear physics, Accelerators and Detectors pillars. Within this large network, EURO-LABS will ensure diversity and actively support researchers from different nationalities, gender, age, grade, and variety of professional expertise.





• As in AIDAinnova we like to innovate, we invented the first Non-Local Organising Committee (NLOC)!!

AlDAinnova



- As in AIDAinnova we like to innovate, we invented the first Non-Local Organising Committee (NLOC)!!
- Let me congratulate all the people that helped to organise this Annual meeting!!

AlDAinnova



- As in AIDAinnova we like to innovate, we invented the first Non-Local Organising Committee (NLOC)!!
- Let me congratulate all the people that helped to organise this Annual meeting!!
  - From Turin: Paola Mauro, Rosy Porcu

AlDAinnova



- As in AIDAinnova we like to innovate, we invented the first Non-Local Organising Committee (NLOC)!!
- Let me congratulate all the people that helped to organise this Annual meeting!!
  - From Turin: Paola Mauro, Rosy Porcu
  - From CERN: Sabrina el Yacoubi, many others

AlDAinnova



- As in AIDAinnova we like to innovate, we invented the first Non-Local Organising Committee (NLOC)!!
- Let me congratulate all the people that helped to organise this Annual meeting!!
  - From Turin: Paola Mauro, Rosy Porcu
  - From CERN: Sabrina el Yacoubi, many others
  - Special thanks to Nadia Pastrone who cannot be present

AIDAinnova



- As in AIDAinnova we like to innovate, we invented the first Non-Local Organising Committee (NLOC)!!
- Let me congratulate all the people that helped to organise this Annual meeting!!
  - From Turin: Paola Mauro, Rosy Porcu
  - From CERN: Sabrina el Yacoubi, many others
  - Special thanks to Nadia Pastrone who cannot be present
  - Great venue, great location, great weather, great food

AIDAinnova



- As in AIDAinnova we like to innovate, we invented the first Non-Local Organising Committee (NLOC)!!
- Let me congratulate all the people that helped to organise this Annual meeting!!
  - From Turin: Paola Mauro, Rosy Porcu
  - From CERN: Sabrina el Yacoubi, many others
  - Special thanks to Nadia Pastrone who cannot be present
  - Great venue, great location, great weather, great food
- Face-to-face meetings are vital for AIDAinnova, where collaboration and crossfertilisation are the most important assets of the project

AIDAinnova



- As in AIDAinnova we like to innovate, we invented the first Non-Local Organising Committee (NLOC)!!
- Let me congratulate all the people that helped to organise this Annual meeting!!
  - From Turin: Paola Mauro, Rosy Porcu
  - From CERN: Sabrina el Yacoubi, many others
  - Special thanks to Nadia Pastrone who cannot be present
  - Great venue, great location, great weather, great food
- Face-to-face meetings are vital for AIDAinnova, where collaboration and crossfertilisation are the most important assets of the project
  - I hope that you have all profited and are having an enjoyable and productive meeting in Catania

AlDAinnova





• EC-funded detector initiatives are a **unique forum** to exchange knowhow, unfold synergies and enhance coherence in European detector R&D



- EC-funded detector initiatives are a **unique forum** to exchange knowhow, unfold synergies and enhance coherence in European detector R&D
- AIDAinnova started on April 1, 2021: 10 M€ of EU contribution, total budget of 26 M€
   Increased focus on integration with industrial partners



- EC-funded detector initiatives are a **unique forum** to exchange knowhow, unfold synergies and enhance coherence in European detector R&D
- AIDAinnova started on April 1, 2021: 10 M€ of EU contribution, total budget of 26 M€ Increased focus on integration with industrial partners
- Very good collaboration with the other INFRA-INNOV projects, LEAPS-INNOV and I.FAST

AlDAinnova



- EC-funded detector initiatives are a **unique forum** to exchange knowhow, unfold synergies and enhance coherence in European detector R&D
- AIDAinnova started on April 1, 2021: 10 M€ of EU contribution, total budget of 26 M€ Increased focus on integration with industrial partners
- Very good collaboration with the other INFRA-INNOV projects, LEAPS-INNOV and I.FAST
  - Organising together an Industry workshop on Cooling in Paris on 6-7/4/2024

AIDAinnova



- EC-funded detector initiatives are a **unique forum** to exchange knowhow, unfold synergies and enhance coherence in European detector R&D
- AIDAinnova started on April 1, 2021: 10 M€ of EU contribution, total budget of 26 M€ Increased focus on integration with industrial partners
- Very good collaboration with the other INFRA-INNOV projects, LEAPS-INNOV and I.FAST
  - Organising together an Industry workshop on Cooling in Paris on 6-7/4/2024
  - Organising together the participation to BSBF in Trieste in October 2024

AIDAinnova



- EC-funded detector initiatives are a unique forum to exchange knowhow, unfold synergies and enhance coherence in European detector R&D
- AIDAinnova started on April 1, 2021: 10 M€ of EU contribution, total budget of 26 M€ Increased focus on integration with industrial partners
- Very good collaboration with the other INFRA-INNOV projects, LEAPS-INNOV and I.FAST
  - Organising together an Industry workshop on Cooling in Paris on 6-7/4/2024
  - Organising together the participation to BSBF in Trieste in October 2024
  - Developed a common strategy for future EU calls



- EC-funded detector initiatives are a **unique forum** to exchange knowhow, unfold synergies and enhance coherence in European detector R&D
- AIDAinnova started on April 1, 2021: 10 M€ of EU contribution, total budget of 26 M€ Increased focus on integration with industrial partners
- Very good collaboration with the other INFRA-INNOV projects, LEAPS-INNOV and I.FAST
  - Organising together an Industry workshop on Cooling in Paris on 6-7/4/2024
  - Organising together the participation to BSBF in Trieste in October 2024
  - Developed a common strategy for future EU calls
- 4th annual meeting could be in March 2025: in the past we have organised the last year's annual meeting at CERN: do we want to do this time as well or do we want to do it elsewhere? In the latter case institutes volunteer!

AlDAinnova



# Backup