



STRONG-2020 ANNUAL MEETING (2022)

STRONG-2020:
Status of the Project
Barbara Erazmus,
Coordinator, IN2P3/CNRS



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824093

STATUS OF THE PROJECT

- Second Periodic Report
- Project Review
- Perspectives: short and long term

CONSORTIUM AGREEMENT



- 46 participating institutions (beneficiaries) in

- 16 countries:

Austria, Belgium, Switzerland, Germany, Spain, Finland, France, Croatia, Ireland, Italy, Montenegro, Netherlands, Poland, Portugal, Sweden, United Kingdom

- Location details can be found on [online Google map](#)

- 134 other Involved Institutions (not receiving EU funding)

Current Data:

Grant Agreement N°824093

- 1 June 2020 to **30 November 2023** (6 months extension granted with AMD2)
- 32 Work Packages (WPs)
- **46** participating institutions (45-AGH UST joined the Consortium with the AMD1 and 46-UOY with AMD3)
- Budget 10 M €

The last version of the Grant Agreement (currently in force) is available in the Participant Portal and on the official web-site:

News & Documents – Project Documents – Third Amendment



Web site: <http://www.strong-2020.eu/>

Management team

- **Scientific Coordinator:**
 - Barbara ERAZMUS
- **Deputy Scientific Coordinator:**
 - Carlo GUARALDO
- **Project Manager:**
 - Emine AMETSHAEVA

Executive Board (meeting on 20 October)

- Barbara ERAZMUS
- Carlo GUARALDO
- Boris HIPPOLYTE
- Chiara LA TESSA
- Frank MAAS
- Franck SABATIÉ
- Carlos SALGADO
- Laura TOLOS

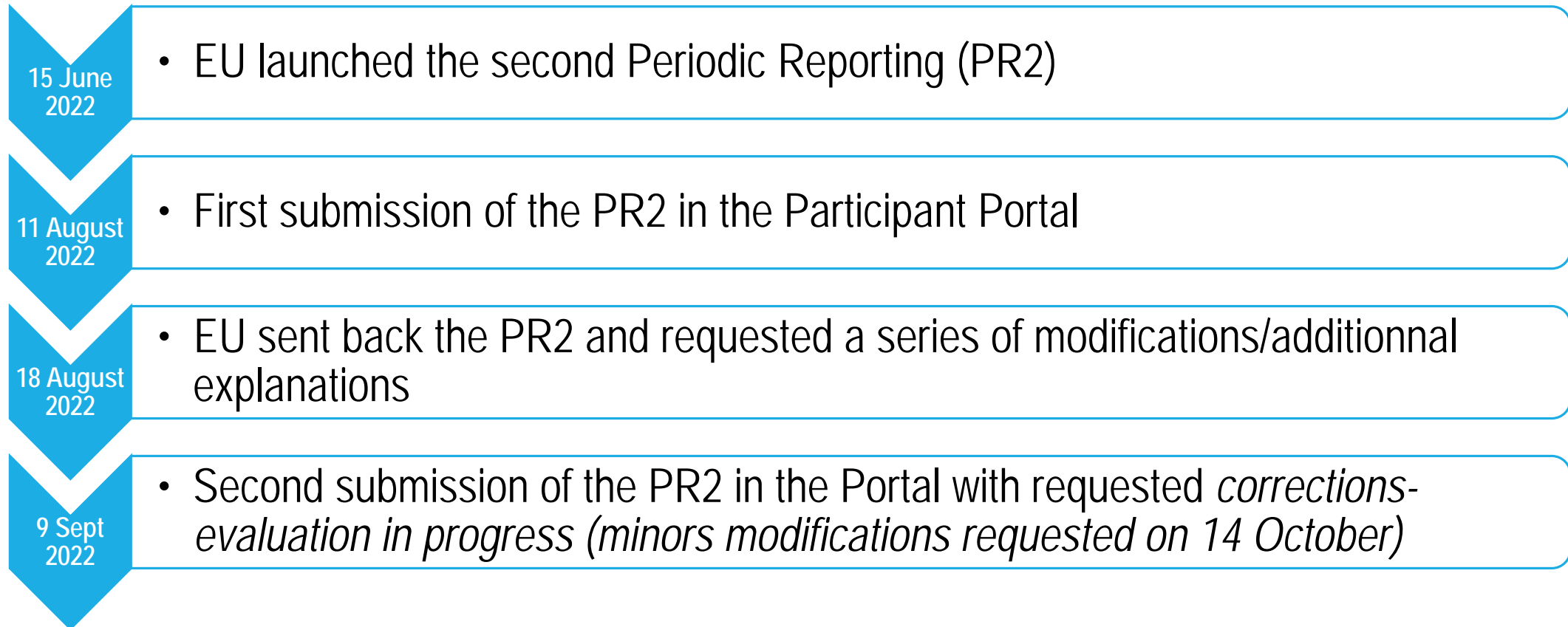
Governing Board (meeting on 19 October)

- **Chairperson:**
 - Elena GONZALES FERREIRO
- [The complete lists of members](#)

Facility Coordination Panel (meeting on 18 October)

- **Chaired by Scientific Coordinator**
 - Dieter GRZONKA
 - Achim DENIG
 - Catalina CURCEANU
 - Hartmut SCHMIEDEN
 - Yvonne LEIFELS
 - Gert AARTS
 - David D'ENTERRIA
 - Jean-Philippe LANSBERG
 - Hervé MOUTARDE

SECOND PERIODIC REPORT



Second Interim Payment will be based on the costs declared in the Financial Statement and implemented on acceptance of the PR2

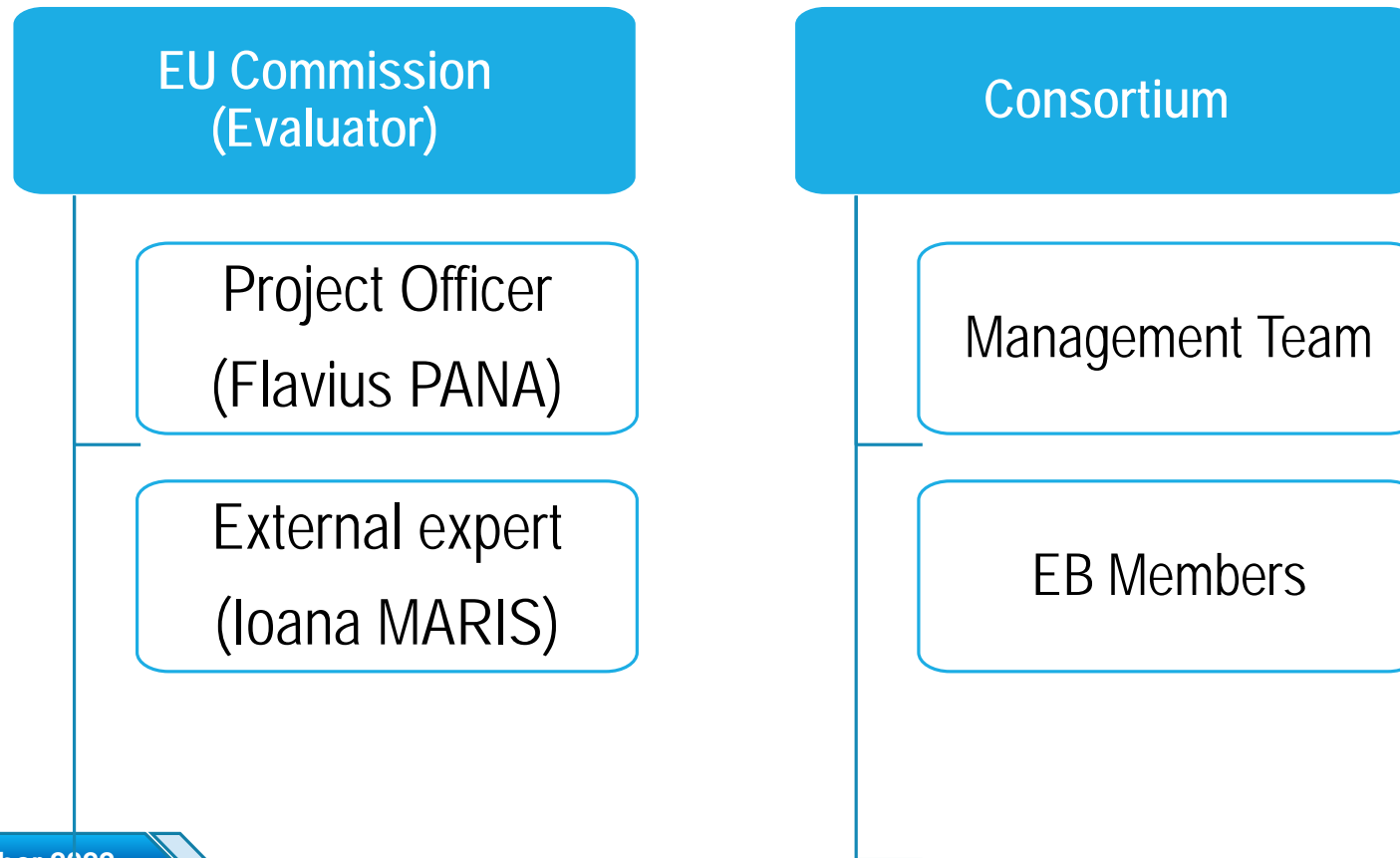
PROJECT REVIEW

What: Progress review based on the second Periodic Report

When: 28 September 2022

Where: On-line, ZOOM session (during one day)

Details: indico site <https://indico.in2p3.fr/event/28031/>



PROJECT REVIEW (STRUCTURE)



- Presentation and overview of STRONG-2020 (Barbara Erazmus)
- Management and Communication of the project (Emine Ametshaeva)
- Transnational Infrastructures (Carlo Guaraldo)
- Virtual Access (Frank Maas)
- Low-Energy Frontier (Laura Tolos)
- High-Energy Frontier (Boris Hippolyte)
- Instrumentation Activities (Chiara La Tessa)
- COVID -19 impact on the Project and Future perspectives (Barbara Erazmus)

The objectives are focused on

hadron, precision, heavy ion physics, partonic structure of hadrons and instrumentation

and organized around the following three pillars:

- low- and high-energy frontier studies
- instrumentation

The Consortium is committed to:

- federate leading experimental and theoretical groups within and outside Europe
- carry out new fundamental and applied research studies

at the frontier of our current knowledge of **the strong interaction**, the force that binds together quarks and gluons and, ultimately, forms the visible baryon matter of our universe

The research in the field of the strong interaction addresses fundamental questions

- nature of confinement,
- origin of exotic hadronic states and
- properties of hot and dense nuclear matter.

Those studies will have a deep impact on the searches

- beyond the standard model
- in astrophysics and strongly coupled systems
- in particle and condensed matter physics

STRONG-2020 is leading a coherent effort of theoretical and experimental groups complemented with challenging high-technology developments in instrumentation and industrial applications.

Available at indico page: <https://indico.in2p3.fr/event/28031/>

*Each presentation is focused on the **Objectives and Impact***

Thematic fields

- Transnational and Virtual Access
- Low- and High-energy frontier studies
- Instrumentation

Followed by QA session as well as the comments of PO and expert

COVID -19 IMPACT

- Activity of most of **Transnational Access Infrastructures** was severely limited. Consequently, many TAs could deliver only a limited amount of access, especially in the first Reporting Period
- Several WPs have been affected
 - realization of certain tasks was delayed
 - resulted in the delay of submission for a number of deliverables and in the achievement of some milestones

*The accumulated delays led to the request of a six-months extension of the project
(accepted with the second Amendment)*

Overall, the evaluators congratulated the Consortium for the progress and the achievement of the scientific objectives.

Written feedback in the form of a report is expected from the PO.

Possibility of a second extension:

Arguments for:

- **TNAs:** carry out the work plan and fulfill the obligations set out in the GA
- **Other WPs:** some WP leaders have expressed their desire to have another extension to complete delayed tasks (due to COVID-19)
- **For the whole Consortium:** maintain the network in the perspective of the construction of a project corresponding better to the new directives/priorities of Horizon Europe

Potential difficulties:

- Lack of budget and accomplishment of tasks for some WPs less impacted by the pandemic

Discussions with WP leaders, FCP and GB during the Annual Meeting

Detailed information of the new programme (successor of Horizon-2020) can be found at its official website

https://research-and-innovation.ec.europa.eu/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe_en

Difficulties:

- Absence of the structure adapted to the scale and size of the STRONG-2020
- Infrastructures (Pillar I): too focused on infrastructure development and does not consider activities such as JRA and NA
- No calls for Hadron Physics until the end of 2024

Possibility to influence the situation:

modify the future Work Programme (beyond 2024) through national representatives in the Programme Committee (include Hadron Physics and change the framework)

“Present and future perspectives in Hadron Physics”

- The Workshop will gather a broad Hadron Physics Community (including those outside the STRONG-2020 Consortium)
- We will ensure effective outreach of the event to attract experienced as well as young scientists in the field

On the [STRONG-2020 webpage](#), one can find:

- Detailed description of [WPs](#)
- List of [past and future events](#)
- STRONG-2020 regular [Newsletters](#)
- [Live events](#) organized by Dissemination Board
- Link to STRONG-2020 [YouTube channel](#) (via News Documents - Dissemination channel)
- [Pictures gallery](#) of those who bring the project to life

