



RFCS Infodays Big Ticket Call 2023

Experience in participation to the call

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Introduction and project description : What is MODIPLANT



Acronym: MODIPLANT

Full Title: **MOD**ular hybrid technology in the Steel **PLANT** production

Description: Decarbonize the reheating furnaces based on the introduction of hybrid heating technology, based on electrification and gas-burning properly combined. Electrification of the process will be possible by use of induction heating and conduction heating, designed for coils and billets respectively

Partners: RINA-CSM (Coordinator), Feralpi Siderugica, Marcegaglia, Un.of Freiberg, Feralpi ESF, Instytut Metalurgii Żelaza IMZ

Background: call and partnership establishment

How did we know about the Big-Ticket call?

- Information on RFCS official website (Info pack and FAQ)
- CSM and partners experience in ECSC (European for Coal&Steel Community) until 2002 and then RFCS
- Business Unit dedicated to funded research and study of call
- Relationship with other EU-level Bodies (ESTEP, EUROFER)

How did we establish the Consortium?

- Previous and consolidated relationships with industrial companies (experienced), on various activities and themes
- Knowledge of needs and strategies of industrial partners
- Check on final TRL requested by industries and TRL requested by the Call
- Inclusion of other competences (research centers and academia) for the implementation of activities

Meet Excellence/Impact and Q&E

How did we prepare the proposal?

- Follow in strict way **the guidelines**
- Before any other actions, **definition of the objectives** → face-to-face with partners is the key.
- **Sharing of methodologies, resources, competencies**
- Integration of methodologies, resources, competencies
- Evaluation of outcomes. We focus on which are the most influent parameters that characterize the call.
The support of industrial partners was fundamental in this phase
- Check the added values of the proposal: does it go beyond the State-of-the-Art? EU funded projects, in particular, dissemination projects, are thermometer of innovation
- Building the budget

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From the idea to the project – key points

Know-How

- **On Funding tools** (deep and careful reading of the specifications and topics of the call)
- **On needs of innovation in industrial sector** (real and urgent)
- **Technical and scientific** (on specific processes, plants, materials)

Resource and time

→ Right planning. And allocate the right times. **Ex. since it was a new call**, a great part of our time is dedicated to understand the call, receive clarification from EU commission, inform the partners about the novelties.

Partnership

→ **Truly motivated** (putting time and resources) to innovate. The core of proposal is based on specific industrial needs. The request of innovation is inserted into a long-term industrial strategy.

→ **Concordance** between European and partnership objectives.
Matching the needs of industries with the needs of Europe to uniform the contents of the proposals. You need to know the EU roadmap for sustainability and take into account during the preparation phase

Impression in RFCS Big Ticket Participation – What I Appreciate (1/2)

The first experience in the RFCS big Ticket call is extremely positive

Clarity

Guidelines are very exhaustive in terms of the objectives, priorities, expected results, budget composition, administrative purposes. In particular, the guidelines reported in B-form are precise, exhaustive and well-suited with a natural development of an idea.

Opportunity

The call allows to reach a possible solution to a problem of great impact.
This was perfectly welcomed by the more receptive industrial sector, when the call perfectly matches the partnership long-term strategy.
Industrial players could have the possibility to make great step forward in the green direction.

Impression in RFCS Big Ticket Participation – What I Appreciate (2/2)

The first experience in the RFCS big Ticket call is extremely positive

Cooperation

Since the relevance of call topics, the proposal preparation could be an occasion of great sharing of ideas among different entities



This feeling concerns both the Submission Phase and Grant Agreement Preparation.

Conclusions

- Looking back, these are the key points of our experience in RFCS BigTicket call:
 - Valorization of Know-How
 - Establishment of an experienced partnership, truly motivated, with long term strategy
 - Focus on impacts of the project with strong support of industrial partners
 - Strict following of guidelines (infopack and template with instruction to fill the proposal)
- Clarity, opportunity and cooperation are the main points, emerged during the preparation of the proposal
- The information reported on the website (FAQ page) are useful. Of course, it is possible to contact directly the REA/EC, both in the Submission phase and the Grant Agreement Preparation.

Thank you

For any questions
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