

Bio RECAST



D6.2: Project Interim Management Plan October 2024, M12



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Version	Date	Changes	Reviewer/ contributor
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V.2 – reviews	13/12/2024	Update	David Chiarimanto & Viviana Negro/PoliTO
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EXECUTIVE SUMMARY

The aim of the BioRECAST D6.2 “Project Interim Management Plan” (PIMP) is to report on the state of art of the project management and provide tools allowing to identify and address issues that may arise during the project cycle. This PIMP will complement the project information provided in the PMP according to the terms and conditions included in the Grant Agreement and the Consortium Agreement.

This document refers in many cases to standard procedures and documents of the European Commission. Should any of the provisions included in this handbook be in conflict with the EC Grant Agreement or with the Consortium Agreement, then the provisions included in the Grant Agreement or in the Consortium Agreement shall prevail.

Table of Contents

1. Project Meeting	5
2. Work Package Implementation	5
3. Deliverables and Milestones	6
4. Communication and Dissemination.....	7
5. Project Website	10
6. Financial Monitoring	11
7. Payments	13
8. Amendments to Grant Agreement	Errore. Il segnalibro non è definito.

1. Project Meeting

The consortium meets regularly to monitor the progress of the project and carefully review the main results. In addition to the kick-off meeting, two general meetings were organized in the first year of the project, in the seventh and twelfth months, coordinated by Prof. Chiaramonti. The presentations of each work package were prepared by the work package leaders using the BioreCAST templates to report on the implementation and status of the activities. In addition, financial information and tools were shared among the partners to monitor the project activities and ensure a simple but effective management.

During the KOM, the WP representatives for the 6 WPs were appointed, as well as the General Assembly representatives for the coordinator (POLITO) and the beneficiaries (RECORD, Politecnico di Milano, Sidenor, Acciaierie di Calvisano, HTT Engineering, WIP and RINA). In addition, a mailing list was created and shared with the partners.

For all meetings, the coordinator sent out the agenda in advance, prepared the minutes and sent them to the participants with a request for check/changes. The final version of the minutes is available to all participants once they have agreed on the preliminary version. All the materials (Agenda, WP and partner presentations, recordings if available, list of participants) are shared on a common Folder, where templates for presentations and reports are also available.

2. Work Package Implementation

The WPs are structured as follows:

WP	Title	WP Leader
1	Biocoal production by slow pyrolysis of biowaste streams	RE-CORD
2	Application of pyrolysis products in EAF Process	CSM SPA
3	Design of a pyro-EAF Plant	POLITO
4	Social, economic and environmental assessment of Pyro-EAF concept integration in Steel-making	POLIMI
5	Dissemination & Exploitation	WIP
6	Coordination and management	POLITO

The main activities of the WPs are the following:

- WP1 deals with the production of biochar from residual biomass streams of suitable quality that can be used as a coal substitute in EAF steelmaking processes;
- WP2 includes tests/demonstrations of the reliability of the use of pyrolysis products (biocoal and pyrogases) for industrial steelmaking plants;
- WP3 is based on the integration of a slow pyrolysis plant into an EAF steelmaking plant to utilize the waste heat generated by the EAF to produce biochar and bioenergy from local residual biomass streams;
- WP4 aims to evaluate the economic and environmental sustainability of introducing the BioRECAST concept in industrial steel plants;
- WP5 aims at promoting an effective and intelligible communication regarding the scope and the high value of the project, ensuring a wide and effective dissemination of project results to the identified target audience, and attracting stakeholder's attention and interest on the project through a well-conceived stakeholder engagement roadmap.
- WP6 relates to the technical and financial management of the project.

3. Deliverables and Milestones

Up to now, the following deliverables and Milestones are concluded:

- **WP1**
 - D1.1: "Report on residual biomass characterization, biomass slow pyrolysis tests and biocoal quality"
 - D1.2: "Report on chemical leaching process performances and obtained biocoal quality at pilot scale"
 - M1: "Identification of optimal pyrolysis conditions for suitable biocoal quality"
Means of verification: Intermediate report on laboratory results
 - M2: "Identification of chemical leaching process suitability for biocoal upgrading"
Means of verification: Deliverable D1.2
- **WP5**
 - D5.1: "Dissemination & communication toolkit"
 - D5.2: "Dissemination & communication plan"
 - M10: "Website launched"
Means of verification: Deliverable D5.1
- **WP6**
 - D6.1: "Preliminary Project Management Plan"
 - D6.2: "Project Interim Management Plan" (Present work)
 - M15: "Agreement of all partners on the project management plan"
Means of verification: Deliverable D6.3

A delay in the submission of the deliverables was encountered for D1.2 and D6.2. Both have now been correctly uploaded to the shared Teams group.

4. Communication and Dissemination

WIP is responsible for the management of communication and dissemination activities, supported by the Polytechnic of Turin especially with regard to the application of confidentiality constraints to prevent any violations related to this matter.

At the beginning of the project, as part of the BioRECAST Communication Toolkit, the BioRECAST project logo, visual identity, PowerPoint and Word templates, as well as the BioRECAST flyer, were created to be used for project dissemination and communication activities.



Figure 1: BioRECAST Flyer

As well as a Word template for reports/deliverables and a PowerPoint template for presentations have been created.

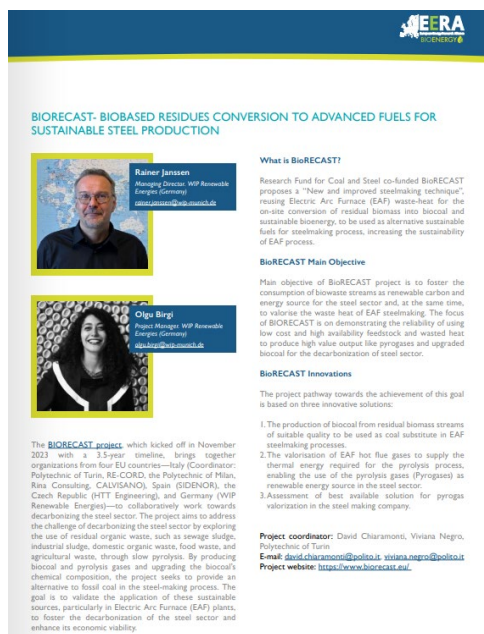


Figure 6: EERA Bioenergy Newsletter featuring BioRECAST Article

Regarding dissemination activities at different conferences, the BioRECAST project has already been presented at various events, including Biogas Italy, EUBCE (European Biomass Conference and Exhibition), and the TGA1 Iron and Steel Making Webinar, in front of project stakeholders.

Additionally, efforts to collaborate with sister projects and other initiatives are ongoing. The first BioRECAST stakeholder webinar is planned to take place in collaboration with EERA Bioenergy in the coming months, and collaboration opportunities with the sister project BioReSteel are being explored.

5. Project Website

The official BIORECAST website is currently available at this address www.biorecast.eu. The website is regularly updated, and it is the main instrument and data repository for the communication and dissemination activities.

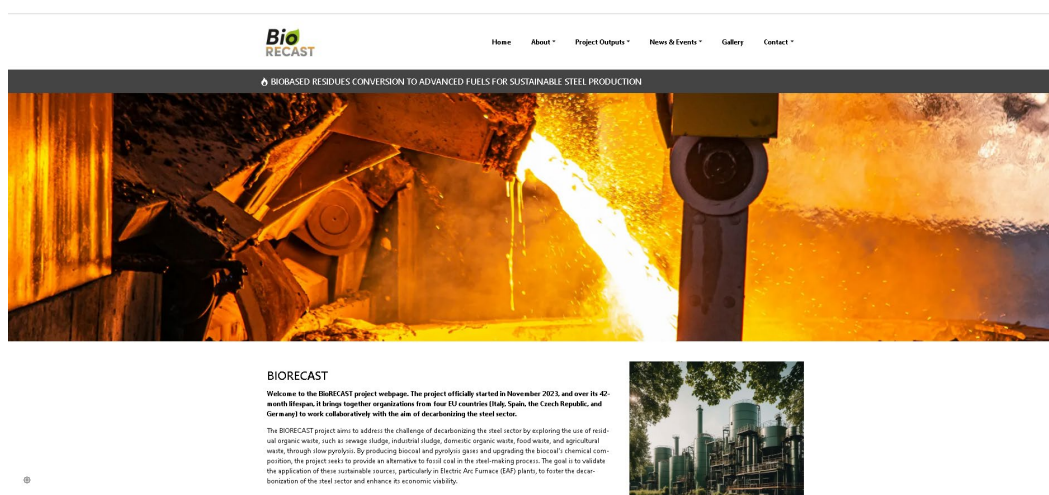


Figure 7: BioRECAST Website

6. Financial Monitoring

During the implementation of the project's activities, the Consortium through the Coordinator is required to submit formal progress reports according to the deadline pointed out in the GA.

The required reports are the following:

- Periodic reports (due at the end of the 21st month- July 2025)
- Final reports (due at the end of the project, 42nd month – April 2027)

To have a greater supervision on the activities 'implementation and on the use of the resources, the Coordinator shared with partners a table - "BIORECAST Cost & PM monitoring_form_PARTNER NAME"- where to report the actual used resources & PMs collected into semester and Reporting Period (specific guidelines have been provided).

The monitoring table consists of two sheets reporting the use of each partners' financial resources for each reporting period and an overview table showing the use of PM and the Summary of the used financial resources.

Each reporting period has been divided into 3 monitoring periods: the first one counts 9 months, the second and the third count 6 months each other.

BIORECAST GA N.101112601								
MONITORING TABLE : EFFORT								
Beneficiary		PM used for each WP						
N° OF PM USED	TOTAL	WP 1	WP 2	WP 3	WP 4	WP 5	WP 6	RESIDUAL
BUDGET NUMBER OF PM	0,00							0,00
PM planned M1-M3								0,00
PM USED M1-M3	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM planned M10-M15								0,00
PM USED M10-M15	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM planned M16-M21								0,00
PM USED M16-M21	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM Planned 1st REPORTING	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM USED 1st REPORTING	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM planned M22-M30								0,00
PM USED M22-M30	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM planned M31-M36								0,00
PM USED M31-M36	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM planned M37-M42								0,00
PM USED M37-M42	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM Planned 2nd REPORTING	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
PM USED 2ND REPORTING	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
TOTAL PM USED DURING T	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
%PM USED/PLANNED	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

►	READ ME	OVERVIEW	1ST REPORTING PERIOD	2ND REPORTING PERIOD
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MONITORING PERIOD 1: from M1 - M9 (1/11/2023-31/07/2024) write into the "WHITE CELLS" the actual eligible cost for each cost categories and WP

Beneficiary							
Category	WP1	WP2	WP3	WP4	WP5	WP6	TOTAL
A. Personnel costs							-
B. Subcontracting costs							-
C. Purchase costs	-	-	-	-	-	-	-
C.2 Equipment							-
C.3 Other goods, works and services							-
INDIRECT COST	-	-	-	-	-	-	-
TOTAL COSTS	-	-	-	-	-	-	-
PM used for each WP during the semester							0,00
DEVIATION for each WP incurred during the semester. In case of no significant deviation, write "no deviation"							

MONITORING PERIOD 2: from M10 - M15 (1/08/2024-31/01/2025) write into the "WHITE CELLS" the actual eligible cost for each cost categories and WP

Beneficiary							
Category	WP1	WP2	WP3	WP4	WP5	WP6	TOTAL
A. Personnel costs							-
B. Subcontracting costs							-
C. Purchase costs	-	-	-	-	-	-	-
C.2 Equipment							-
C.3 Other goods, works and services							-
INDIRECT COST	-	-	-	-	-	-	-
TOTAL COSTS	-	-	-	-	-	-	-
PM used for each WP during the semester							0,00
DEVIATION for each WP incurred during the semester. In case of no significant deviation, write "no deviation"							

MONITORING PERIOD 3: from M16 - M21 (1/02/2025-31/07/2025) write into the "WHITE CELLS" the actual eligible cost for each cost categories and WP

Beneficiary							
Category	WP1	WP2	WP3	WP4	WP5	WP6	TOTAL
A. Personnel costs							-
B. Subcontracting costs							-
C. Purchase costs	-	-	-	-	-	-	-
C.2 Equipment							-
C.3 Other goods, works and services							-
INDIRECT COST	-	-	-	-	-	-	-
TOTAL COSTS	-	-	-	-	-	-	-
PM used for each WP during the semester							0,00
DEVIATION for each WP incurred during the semester. In case of no significant deviation, write "no deviation"							

MONITORIN PERIOD 4: from M22 - M30 (1/08/2025-30/04/2026) write into the "WHITE CELLS" the actual eligible cost for each cost categories and WP

Beneficiary	WP1	WP2	WP3	WP4	WP5	WP6	TOTAL
Category							
A. Personnel costs							-
B. Subcontracting costs							-
C. Purchase costs	-	-	-	-	-	-	-
C.2 Equipment							-
C.3 Other goods, works and services							-
INDIRECT COST	-	-	-	-	-	-	-
TOTAL COSTS	-	-	-	-	-	-	-
PM used for each WP during the semester							0,00
DEVIATION for each WP incurred during the semester. In case of no significant deviation, write "no deviation"							

MONITORING PERIOD 5: from M31 - M36(1/05/2026 -31/10/2026) write into the "WHITE CELLS" the actual eligible cost for each cost categories and WP

Beneficiary	WP1	WP2	WP3	WP4	WP5	WP6	TOTAL
Category							
A. Personnel costs							-
B. Subcontracting costs							-
C. Purchase costs	-	-	-	-	-	-	-
C.2 Equipment							-
C.3 Other goods, works and services							-
INDIRECT COST	-	-	-	-	-	-	-
TOTAL COSTS	-	-	-	-	-	-	-
PM used for each WP during the semester							0,00
DEVIATION for each WP incurred during the semester. In case of no significant deviation, write "no deviation"							

MONITORING PERIOD 6: from M37 - M42 (01/11/2026 -30/04/2027) write into the "WHITE CELLS" the actual eligible cost for each cost categories and WP

Beneficiary	WP1	WP2	WP3	WP4	WP5	WP6	TOTAL
Category							
A. Personnel costs							-
B. Subcontracting costs							-
C. Purchase costs	-	-	-	-	-	-	-
C.2 Equipment							-
C.3 Other goods, works and services							-
INDIRECT COST	-	-	-	-	-	-	-
TOTAL COSTS	-	-	-	-	-	-	-
PM used for each WP during the semester							0,00
DEVIATION for each WP incurred during the semester. In case of no significant deviation, write "no deviation"							

This interim exercise should allow the Coordinator to highlight, on time, any deviation which could affect the planned project execution and its scope. In case of significant deviation, mitigation action will be applied involving the GA.

The deadline to draft the first monitoring report has been firstly scheduled at the end of September and then postponed at the beginning of November. Despite the lack of full data, because of two partners still missing the deadline to report to Coordinator the resources used during the first 9 months of the project, considering the data provided at the time of this draft, the use of the resource is in line with the implementation of the activities

7. Payments

After all Consortium's Partners signed the Consortium Agreement, the Coordinator distributed without delay the pre-financing, amounting to 531.502,07€, among partners.

The full pre-financing of 567.074,87€ has been reduced because WIP renounced to the instalment not providing the pre-financing guarantee, as requested.

The transfers have been as follows:

BIORECAST GA n. 101112601 - PAYMENTS FLOW

Nr	PARTNER NAME	ROLE	Total Grant	PREFINANCING [29/02/2024]
1	Polito	Coordinator	210.450,00 €	84.144,00
2	RECORD	Partner	198.989,97 €	79.595,99
3	POLIMI	Partner	186.000,00 €	74.400,00
4	SIDENOR	Partner	237.151,20 €	94.860,48
5	CALVISANO	Partner	208.020,00 €	91.956,00
5.1	FERALPI	Affiliated Entity	21.780,00 €	
6	HTT ENGINEERING	Partner	53.664,00 €	21.465,60
7	WIP	Partner	88.932,00 €	
8	CSM SPA	Partner	212.700,00 €	85.080,00
TOTAL			1.417.687,17 €	531.502,07