

EUROPEAN  
PLASMA RESEARCH  
ACCELERATOR WITH  
EXCELLENCE IN  
APPLICATIONS



# Submitted and upcoming milestones and deliverables

Claudia Pelliccione/Collaboration Board 25<sup>th</sup> September 2024



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- **M3.1** Benchmark of comparable RI organizational models
- **M4.1** Report on legal requirements from partners
- **M7.1** Benchmark within existing facilities on E-needs and data policy
- **M11.1** Survey of user facilities to test equipment and/or advanced concepts of beamlines
- **M16.1** Review and visit of candidate sites proposals
- **D3.1** Criteria and methodology for 2nd site selection (ongoing)

	2022		2023												2024												
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1 Coordination & Project Management	M					M+INFN																					M
2 Dissemination & PR			M			M+ULIV						M+ULIV															ULIV
3 Organization and Rules																		M+CNRS									CNRS
4 Financial & Legal Model. Economic Impact													INFN					M									
5 User Strategy and Services													M														
6 Membership Extension Strategy																										M	
7 E-Needs and Data Policy													IST					M									
8 Theory & Simulation													IST														M+IST
9 RF, Magnets & Beamline Components													DESY														M+DESY
10 Plasma Components & Systems													CNRS														M+CNRS
11 Applications													QUB					M									M
12 Laser Technology and Liaison to Industry													M+CNR														M+CNR
13 Diagnostics													U2														M+U2
14 Transformative Innovation Paths													Ustrath														M
15 TDR EuPRAXIA @SPARC-lab													M+INFN														M+INFN
16 TDR EuPRAXIA Site 2																		M									

Red: previously submitted Green: recently submitted

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M1.3 Decision on ranking of legal models for RI	Discussed at Elba, A. Falone
D2.4 EuPRAXIA Symposium and outreach event	Derived from Trieste workshop, C. Welsch and S. Bertelli
D3.2 Report on the decision on the 2nd site (moved from M20, June 2024)	Discussed at Elba, A. Ghigo and A. Specka
M6.1 Outreach Workshop	Derived from workshop at Elba, A. Mostacci and B. Cross
D8.2 Report on results achieved in the field of theory and simulations	Relevant WP
MG.1 (WP8) Update of concepts for EuPRAXIA, systems status report	*
D9.2 Report on technical results achieved in the field of RF, Magnets and beamlines components	Relevant WP
MG.1 (WP9) Update of concepts for EuPRAXIA, systems status report	*
D10.2 Report on technical results achieved in the field of plasma components	Relevant WP
MG.1 (WP10) Update of concepts for EuPRAXIA, systems status report	*
MG.1 (WP11) Update of concepts for EuPRAXIA, systems status report	*
D12.2 Report on technical results achieved in the field of Lasers	Derived from Elba, L. Gizzi and P. Crump
MG.1 (WP12) Update of concepts for EuPRAXIA, systems status report	*
D13.2 Report on technical results achieved in the field of diagnostics	Relevant WP
MG.1 (WP13) Update of concepts for EuPRAXIA, systems status report	*
MG.1 (WP14) Update of concepts for EuPRAXIA, systems status report	*
D15.2 Mid-term report on TDR status for EuPRAXIA@SPARC_LAB	Derived from Elba, C. Vaccarezza R. Pompili
M15.2 Workshop on “EuPRAXIA@SPARC_LAB machine upgrade and additional beam lines” (moved from M20, June 2024)	Derived from Elba, C. Vaccarezza R. Pompili

\* This will be a unified document, a template will be circulated, and WP leaders will be required to fill up their section. Each WP leader will report the eventual updates from last reporting period (from November 2023 inc.)

		September	Beginning October
M1.3 Decision on ranking of legal models for RI	Discussed at Elba, A. Falone		X
D2.4 EuPRAXIA Symposium and outreach event	Derived from Trieste workshop, C. Welsch and S. Bertelli		X
D3.2 Report on the decision on the 2nd site (moved from M20, June 2024)	Discussed at Elba, A. Ghigo and A. Specka		X
M6.1 Outreach Workshop	Derived from workshop at Elba, A. Mostacci and B. Cross		X
D8.2 Report on results achieved in the field of theory and simulations	Relevant WP	X	
MG.1 (WP8) Update of concepts for EuPRAXIA, systems status report	*	X	
D9.2 Report on technical results achieved in the field of RF, Magnets and beamlines components	Relevant WP	X	
MG.1 (WP9) Update of concepts for EuPRAXIA, systems status report	*	X	
D10.2 Report on technical results achieved in the field of plasma components	Relevant WP	X	
MG.1 (WP10) Update of concepts for EuPRAXIA, systems status report	*	X	
MG.1 (WP11) Update of concepts for EuPRAXIA, systems status report	*	X	
D12.2 Report on technical results achieved in the field of Lasers	Derived from Elba, L. Gizzi and P. Crump		X
MG.1 (WP12) Update of concepts for EuPRAXIA, systems status report	*		X
D13.2 Report on technical results achieved in the field of diagnostics	Relevant WP	X	
MG.1 (WP13) Update of concepts for EuPRAXIA, systems status report	*	X	
MG.1 (WP14) Update of concepts for EuPRAXIA, systems status report	*	X	
D15.2 Mid-term report on TDR status for EuPRAXIA@SPARC_LAB	Derived from Elba, C. Vaccarezza R. Pompili		X
M15.2 Workshop on “EuPRAXIA@SPARC_LAB machine upgrade and additional beam lines” (moved from M20, June 2024)	Derived from Elba, C. Vaccarezza R. Pompili		X

# Thank you for your attention



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Consiglio Nazionale delle Ricerche



Elettra Sincrotrone Trieste



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Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile



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SZTE  
UNIVERSITY OF SZEGED



Wigner



UNIVERSITY OF CALIFORNIA UC/LA JPL

- EuPRAXIA Preparatory Phase



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