

CRIS-Avanza

Transforming Research Information Management towards **Open Science**, **Responsible Assessment** and a **Sustainable Knowledge Community**.

■ Universidad Politécnica de Madrid · iMarina Community ■ FECYT · María de Guzmán · Ref. MDG-25-12009

01 Context & Objectives

— WHY CRIS-AVANZA

CRIS-Avanza evolves **iMarina** — a shared CRIS infrastructure used by **30+ Spanish institutions** and **35,000+ researchers** — into a model fully aligned with **Open Science**, **FAIR** principles and the **CoARA / DORA** agreements on responsible research assessment. The project delivers **10 modular actions** across **3 strategic lines** and a participatory governance model for the iMarina community.

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Institutions involved across the Spanish public research system.

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Actions deployed across **3 strategic lines**.

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Participants — researchers, librarians, data stewards, managers.

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Apr 2026 → Sep 2027 · 17-month delivery roadmap.

02 Strategic Lines & Actions

— 10 MODULES ACROSS 3 LINES

L1 STRATEGIC LINE

Open Science-aligned Curricular Model

- 1.1 · CRIS-Review
Peer review tracking & validation
Recognition of peer-review activity as a first-class research output.
- 1.2 · CRIS-Citizen Science
Integration of citizen science outputs
Capture co-produced knowledge and participatory research as evidence.
- 1.3 · CRIS-Research Data
Automated FAIR compliance assessment
Findability, Accessibility, Interoperability & Reusability scoring.
- 1.4 · CRIS-Code
Open scientific software as a research output
Identification, citation and metrics for research software.
- 1.5 · CRIS-Early Outputs
Preprints, DMPs, protocols & registrations
Surface early-stage scholarly outputs and pre-registered studies.

L2 STRATEGIC LINE

Responsible & Qualitative Assessment

- 2.1 · CRIS-CoARA Checklist
Self-diagnostic module aligned with CoARA
Institution-level diagnostic tool for the CoARA action plan.
- 2.2 · CRIS-Narratives
AI-assisted narrative CV drafts
Generates CVN-FECYT v.1.4.3 narratives from CRIS data.
- 2.3 · CRIS-SocialView
Visualisation of societal impact
Knowledge transfer evidence presented to non-specialist audiences.

L3 STRATEGIC LINE

Sustainable Knowledge Community

- 3.1 · CRIS-Gov
Distributed governance & prioritisation
Community-driven decision model for the iMarina infrastructure.
- 3.2 · CRIS-Formation
Capacity-building programme
Training, best-practice playbooks & community of practice.

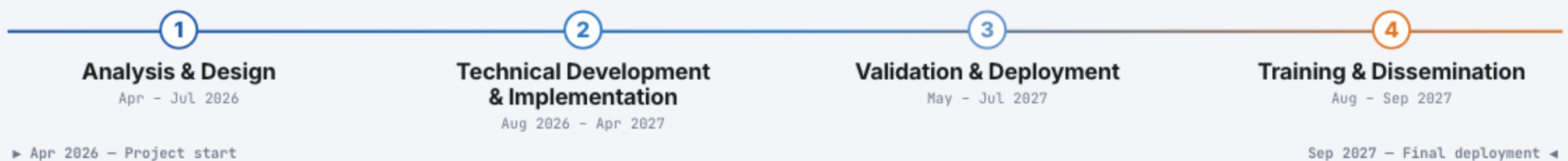
ECOSYSTEM ALIGNMENT

- EOSC
- CoARA
- euroCRIS
- OpenAIRE
- DORA
- CVN-FECYT

10 modular actions orchestrated through a single CRIS data backbone, designed to scale across the iMarina community.

03 Methodology & Timeline

Iterative co-design with the iMarina community. Each phase ships modules incrementally and feeds back into the governance loop.



04 Expected Results & Impact

— BENEFICIARIES



FOR RESEARCHERS

Less paperwork, fairer recognition

Auto-drafted CVN narratives, reduced administrative burden and recognition for diverse outputs — software, data, peer review, citizen science.



FOR INSTITUTIONAL MANAGERS

Mixed-method dashboards

Qualitative + quantitative indicators aligned with CoARA & DORA, supporting responsible institutional assessment and reporting.



FOR THE IMARINA COMMUNITY

Participatory governance

Shared roadmap and prioritisation, plus interoperability with EOSC, OpenAIRE and the wider euroCRIS ecosystem.



FOR SOCIETY

Visible social impact

Accessible visualisation of social, cultural and economic impact of publicly-funded research.