



AI Factories and High Performance Computing: Regions in dialogue for European Digital Sovereignty

Thursday 26 March 2026 – Emilia-Romagna Region
Delegation to the EU

Mariona Sanz Ausàs

BSC AI Factory Partners



Affiliated entities



BSC AI Factory

AI Factory SERVICES

42M€



Experimental
Platform
1,28M€

BSC AI FACTORY Contry Partners



Spain



Barcelona
Supercomputing
Center (BSC-CNS)



Portugal



Fundação para a
Ciência e a
Tecnologia (FCT)



Türkiye



The Scientific and
Technological Research
Council of Türkiye
(TÜBİTAK)



Romania



National Institute for
Research & Development in
Informatics
(ICI Bucharest)

Affiliated entities



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



Centro Nacional
de Computação Avançada

Service Catalogue - Current Structure



Phase 1 Operationalisation: Capacity-Driven Deployment.

Foundations & AI Expertise

Infrastructure & Computational Resources Access

1. Infrastructure & Computational Resources Access
2. Onboarding Support
3. High-level Technical Access Support

AI Development Data-Related Services

4. Data Discovery
5. Data Stewardship
6. Data as a Service
7. Model & Dataset Publication

AI Development Advisory Services

8. Advisory on Model Fine-tuning
9. Advisory on Model Benchmarking
10. Advisory on Prompt Engineering
11. Advisory on RAG Systems

Trustworthy AI

12. Consultancy on Ethical & Legal AI Self-Assessment
13. AI Trustworthiness Consultancy

Bespoke AI Services & Expert Consulting

14. Bespoke AI Services
15. Healthcare & Clinical Environments
16. Climate & Earth System Analysis
17. LangTech Expert Briefings

Adoption, Skills & Ecosystem

Training & Skills Development

18. Courses Catalogue
19. Learning Platform / Online Modules

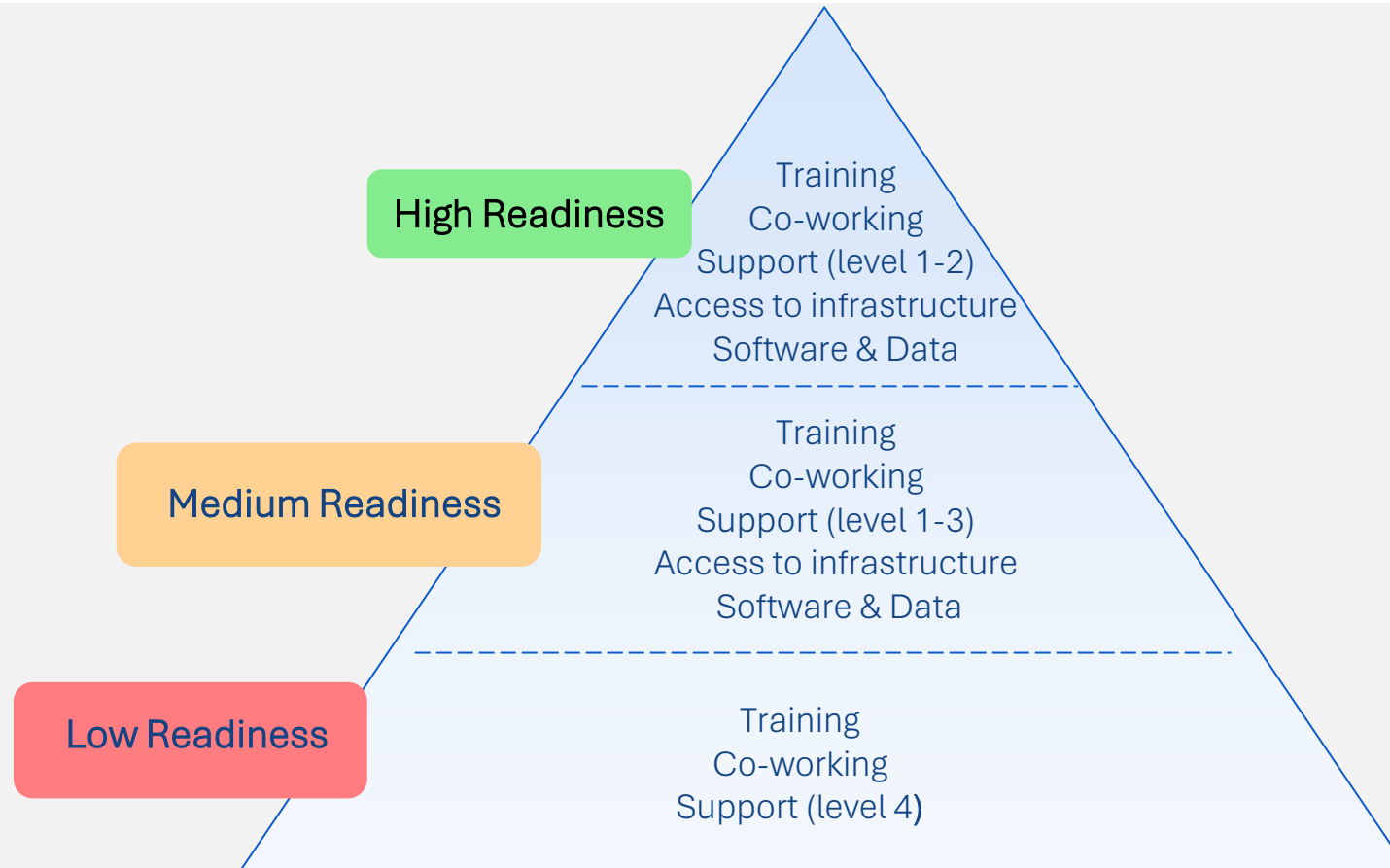
AI Ecosystem & Engagement

20. Events & Co-Marketing
21. Incubation Spaces

Enablement & Introductory Services

22. Briefing about BSC AI Factory and initial customer assessment
23. Sectoral AI Maturity Assessment - Questionnaire
24. Issuance of BSC AIF Certificates

Support services by user AI readiness



Service Continuity: Immediate Results

1. Operations were maintained during the redesign (Quick Wins).

505

**SERVICES
PROVIDED**



One-Page-Diagnosis
(Enablement & Intro Services)



HPC Access and on-boarding
assessment



AI Development Services



AI Ecosystem and Engagement

PROJECTION: 3,000 Services Provided

Acceleration Levers:

- +15** New Hires
(Full Capacity)
- +** Activation Sectorial Hubs
(40% Demand)
- +** New Tools
(-30% Service Time)



Positive feedback from startups (e.g., Strategic Products, ByBusiness-AI)
validating technical support.

Service Continuity: Immediate Results

2. Operations were maintained during the redesign (Quick Wins).

14
**PROJECTS
SELECTED**

Innovation Journey Pilot
Demo Day held 10/12

31
**VOUCHERS
INOVIA**

Channeling user toward
MareNostrum 5

314
**TRAINING
PARTICIPANTS**

87% Training
Satisfaction

92
**EUROHPC PROJECTS
EVALUATED**

Play Ground; Fast Lane;
Large Scale .

Application ID	Call	Status	PI Name	Affiliation	Research F. Group	Research F. Title	Partition	Submit Date	Actions
EHC/AF/2026/17-026	EuroHPC AI I	Submitted	Korbanian Pippel	Korbanian Pippel	PE6 Comput	PE6.7 Acric		05/01/2025 08:1	
EHC/AF/2026/17-018	EuroHPC AI I	Submitted	Sebastian Braters	Translated SRL	PE6 Comput	PE6.7 Acric		05/01/2025 08:1	
EHC/AF/2026/17-013	EuroHPC AI I	Submitted	Erhan Kurt	QuaCraft	LST Mikrosk	LST_12 Photo		05/01/2025 01:1	
EHC/AF/2026/17-025	EuroHPC AI I	Submitted	Gabor Palko	Minds at Lst	PE6 Comput	PE6.7 Acric		04/01/2025 22:2	
EHC/AF/2026/17-020	EuroHPC AI I	Submitted	Sever Ostender	Artificial Technolo	PE6 Comput	PE6.7 Acric		04/01/2025 19:9	
EHC/AF/2026/17-019	EuroHPC AI I	Submitted	Tim Walta	Delesta	SHD The Soc	PE6.11 Mail		02/01/2025 14:1	
EHC/AF/2026/17-011	EuroHPC AI I	Submitted	Milos Lokajcok	Valika AI s.r.o.	PE6 Comput	PE6.8 Comp		29/12/2025 16:2	

Thank you!

mariona.sanz@bsc.es