

ChEESE

Center of Excellence for Exascale in Solid Earth (second phase)

What's next?

Project kick-off meeting
Barcelona, 19-20 January 2023

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Upcoming deliverables (2023)

Deliverable		WP	Deliverable name	Lead	Type	Level	M	Date
1	1.1	1	Project Management and Quality Guidelines	CSIC	R	PU	2	Feb 2023
2	7.1	7	Project website	CSIC	DEC	PU	2	Feb 2023
3	7.2	7	Communication and Dissemination Plan	CSIC	R	PU	3	Mar 2023
4	1.2	1	First Data Management Plan	CSIC	DMP	PU	6	Jun 2023
5	7.3	7	Collaboration plan with complementary projects	CSIC	R	PU	6	Jun 2023
6	7.4	7	Training Plan	BSC	R	PU	8	Aug 2023
7	2.1	2	First code audit report	HLRS	R	PU	12	Dec 2023
8	3.1	3	Selected set of mini-apps and its requirements	CIN	R	PU	12	Dec 2023



Milestones (2023)

MS	Milestone name	Month	Lead	Means of verification (KPI)
MS9	Complementary Grants	6	CSIC	CASTIEL-2 collaboration agreement has been signed
MS1	Project setup phase	8	CSIC	D1.1: Project Management and Quality Guidelines D1.2: First Data Management Plan D7.1: Project website D7.2: Communication and Dissemination Plan D7.3: Collaboration plan with complementary projects
MS10	Application deployment	12	HLRS	Codes available to users of EuroHPC via automated deployment, documentation, testing and quality checks



Complementary Grants

CASTIEL-2	• CSA supporting HPC CoEs (and NCCs) • Kick-off meeting 7-9 Feb 2023 at HLRS • Liaison Officer: J. Gracia (HLRS) • Task T7.6: Collaboration task with complementary projects
CI/CD	• Task T1.4: Management of computational resources (CSIC) • Task 4.3: Development, deployment and quality assessment tools (CIN/HLRS)



EOSC-synergy SQAaaS: a starting point

Our approach to foster quality

Software and Services

Research Data



SQAaaS
Software and
Services Quality
assurance as a
Service

Software
Quality
Verification

Service
Quality
Verification

JePL
Jenkins Pipeline
Library

Software

Data

Services

FAIR
Data
Verification

FAIR EVA
FAIR
Evaluator
Validator
Advisor

Integration
harmonisation
and integration
of FAIR tools

Promote and Reward via Quality Badges



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Quality Criteria	QC Code	Software Classification		
		Quality Badges		
		Gold	Silver	Bronze
Code Accessibility	QC.Acc			
Licensing	QC.Lic			
Code Style	QC.Sty			
Code metadata	QC.Met			
Unit Testing	QC.Uni			
Documentation	QC.Doc			
Security	QC.Sec			
Code Workflow	QC.Wor			
Semantic Versioning	QC.Ver			
Code Management	QC.Man			
Automated Delivery	QC.Del			

Quality Criteria	Criteria code	Service Classification		
		Quality Badges		
		Gold	Silver	Bronze
Automated Deployment	SvcQC.Dep			
API Testing	SvcQC.Api			
Integration Testing	SvcQC.Int			
Functional tests	SvcQC.Fun			
Performance tests	SvcQC.Per			
Security tests	SvcQC.Sec			
Documentation	SvcQC.Doc			

Dissemination Activities

01

Press Release

General public
during/after KOM on site pictures

- First press release recorded during KoM on site pictures
- Press releases will be launched on demand and depending on project's development (please inform project manager officer)
- Partners are encouraged to translate the press releases in their own language and distribute them to the local media
- Accounting of press impacts will be carried out in the final dissemination report



02

Meetings and Conferences

Contributions and Presentations

Dissemination Activities



EGU23-5807

EGU General Assembly 2023

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The EuroHPC Center of Excellence for Exascale in Solid Earth

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Dissemination Activities

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Dedicated article (ChEESE-2P)

AGU Eos, EGU, Newsletters



The LOUPE

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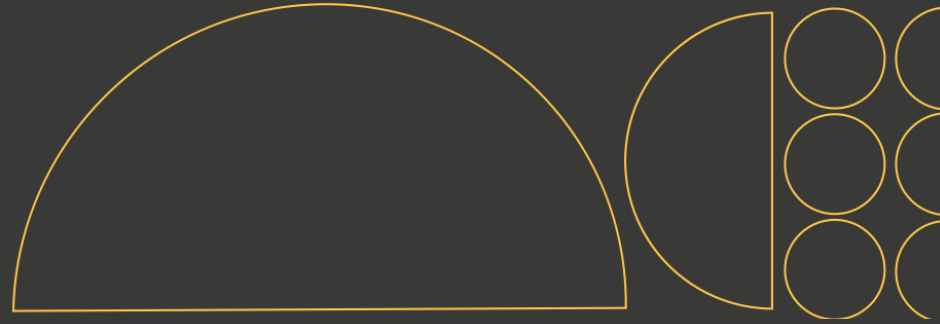
THE YEAR-ROUND RESOURCE FOR EGU MEMBERS



Eos.

Science News by AGU

Thank you!



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