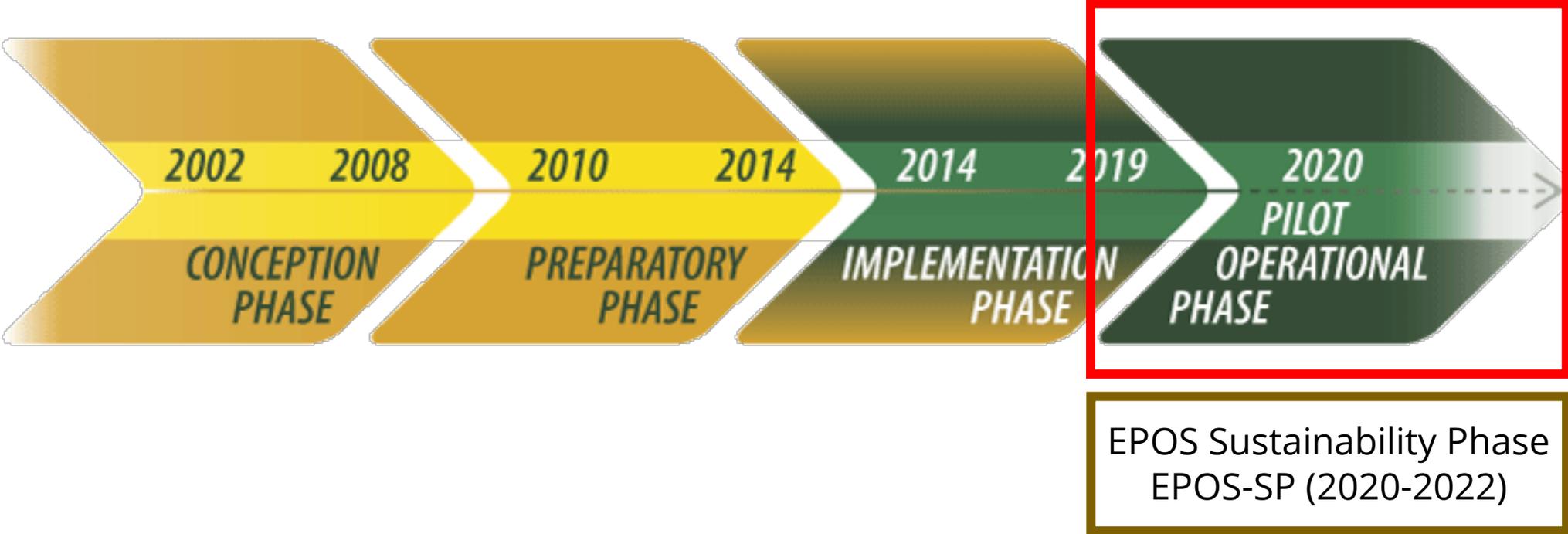




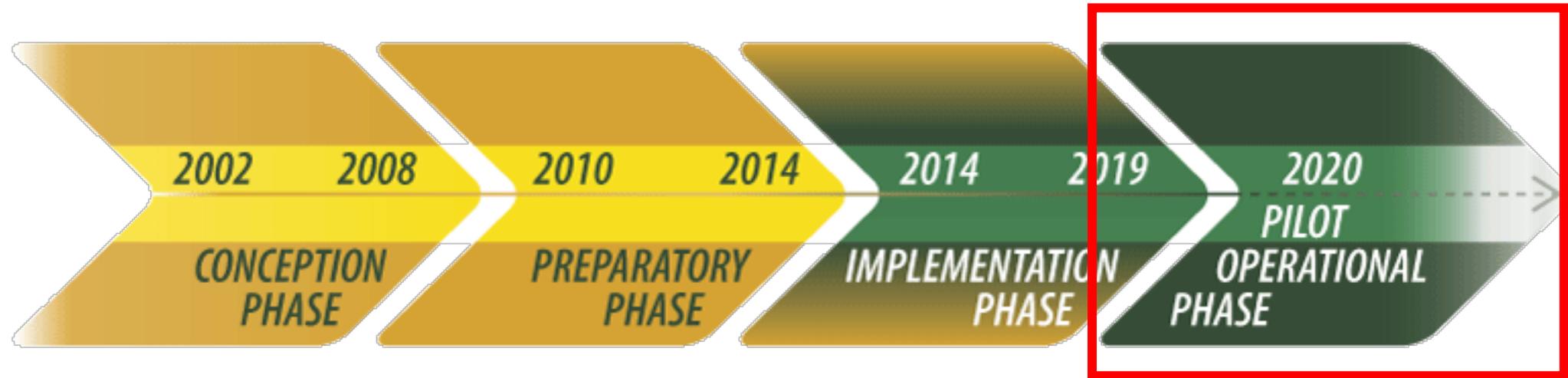
Session 1: Pilot Operational Testing and Data Portal Opening

K. ATAKAN
University of Bergen

EPOS Timeline and Pilot Operational Phase (POP)



EPOS Timeline and Pilot Operational Phase (POP)



POP (2020-2022)
has two important components:

Service Activation Roadmap
SAR

Pilot Operational Testing
POT



EPOS 2021-2023 Service Activation Roadmap

Written by the EPOS ERIC Executive Director and Scientific Officer
with the contribution of Kauzar Saleh and Otto Lange
shared with the EPOS ERIC Executive Committee and Service Coordination Committee
to be discussed and approved by the EPOS ERIC GA in December 2020

Version 7.0 - December 2nd 2020

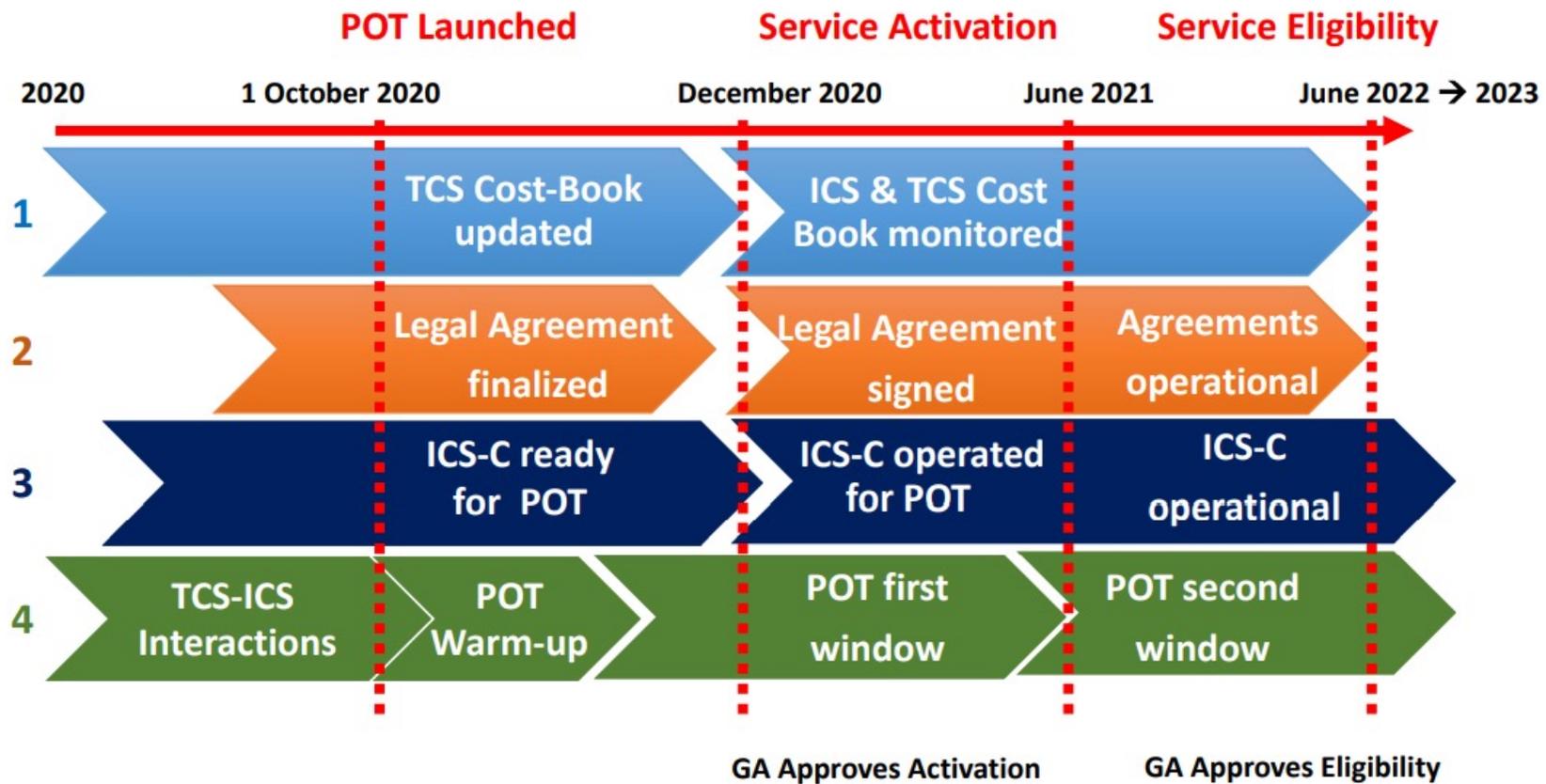


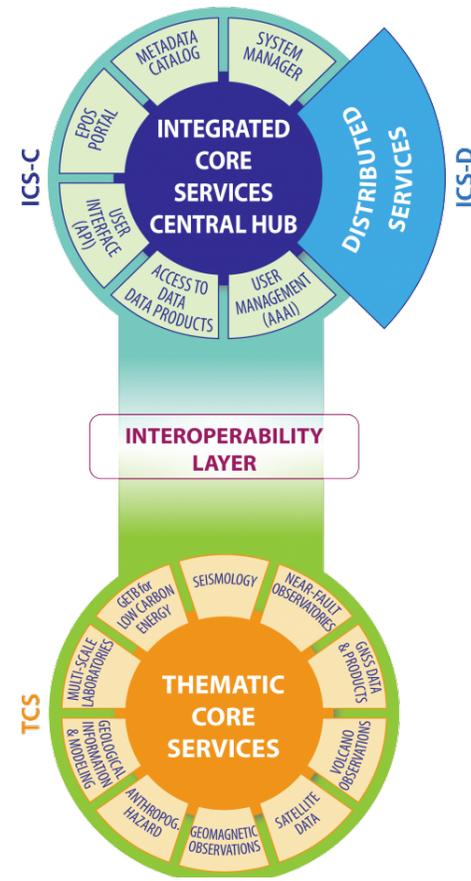
Figure 4. Service Activation Roadmap for Virtual Access to Data and Products services.



POT Components



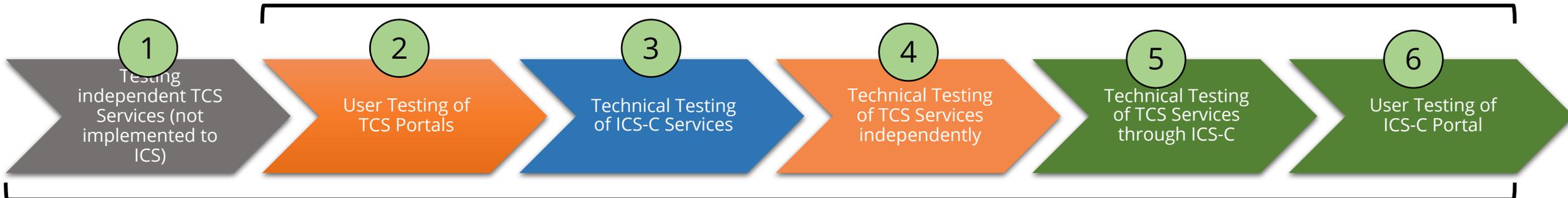
POT



ICS System Architecture

TCS testing and ICS-TCS testing

Pilot Operational Testing (POT) (2-6)

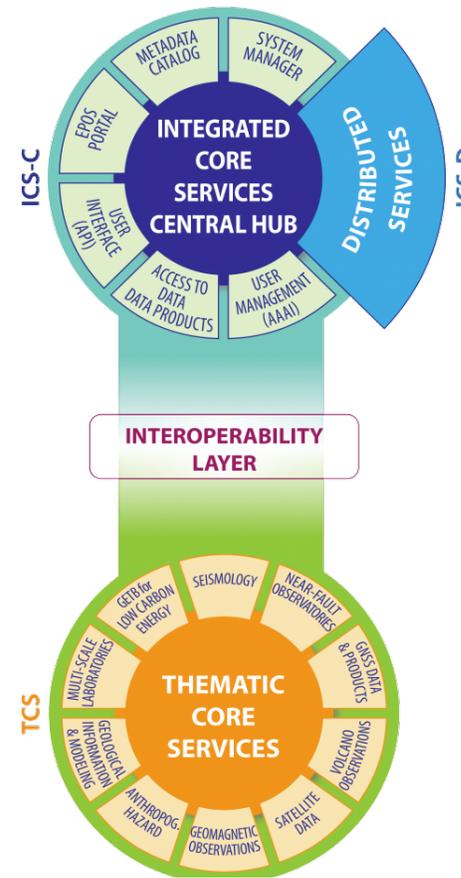




POT Components



POT



ICS System Architecture

Responsibilities

TCS testing, ICS-TCS testing

Pilot Operational Testing (POT) (2-6)



POT workplan (Window 1)

POT Gantt chart		2020				2021						2022											
		WINDOW 1										WINDOW 2											
		Q3	Q4			Q1			Q2			Q3			Q4			Q1			Q2		
Group of tests	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	
2	User testing of TCS portals																						
3	Technical testing of ICS-C services																						
4	Technical testing of TCS services - before intergration into ICS																						
5	Technical testing of the ICS-TCS integration (TCS accessed via ICS-C)																						
6	User testing of ICS portal																						
	ICS-TCS Interaction work cycles (pitches)	WS			WS			WS			WS			WS			WS			WS			WS

← Warm-up month

← Reporting for Window 1

Services used during scientific user testing

The screenshot displays the EPOS ICS web application interface. At the top, there is a navigation bar with the EPOS ICS logo, a 'Portal User Testing Feedback' button, and links for 'Terms and Conditions', 'Feedback', 'Help', and 'Login'. Below the navigation bar, there is a search and workspace sidebar on the left, a main map area in the center, and a details panel at the bottom.

Search and Workspace Sidebar:

- SEARCH:** Advanced Search (Results: 38)
- WORKSPACE:** Anthropogenic Hazard Observations (9), Near Fault Observations (25), Seismology (4)
- PROCESSING:** Seismological products services (1), Earthquake source data (1), Fault rupture models (SRCMOD)
- Selected Items (10):** European Database of Seismogenic Faults - Crustal Faults (OGC WFS), TABOO Events, Geological Map 1:1,000,000 (OneGeology-Europe layer), TABOO Stations, GNSS Stations with Products, TABOO Radon Stations, TABOO CO2 Stations, Historical earthquakes of interest for the TABOO NFO (FDSN-event), LOS Displacement Time Series, World Data Centre (WDC) Geomagnetic Observatory Station List

Main Map Area:

- Map view selected (Graph and Table options available)
- Coordinates: 42.87577 ; 11.57888
- Map shows a satellite view of Europe with various data layers overlaid, including red lines representing faults and colored circles representing stations and events.
- Legend on the right lists layers: LOS Displacement Time Series, World Data Centre (WDC) Geomagnetic Observatory Station List, LOS Displacement Time Series, Historical earthquakes of interest for the TABOO NFO (FDSN-event), TABOO CO2 Stations, TABOO Radon Stations, GNSS Stations with Products, TABOO Stations, TABOO Events, European Database of Seismogenic Faults - Crustal Faults (OGC WFS), World Imagery, Geological Map 1:1,000,000 (OneGeology-Europe layer).

Details Panel (TABOO Events):

- Name:** TABOO Events
- Description:** This distribution provides access to Instrumental Earthquakes data (in terms of location and magnitude) through FDSN Event web service. Datasets are encoded in QuakeML and text format. Its related dataset covers the time period since 2010 and is limited to the Alta Val Tiberina (Central Italy) Near Fault Observatory.
- Spatial Coverage:** Show on map

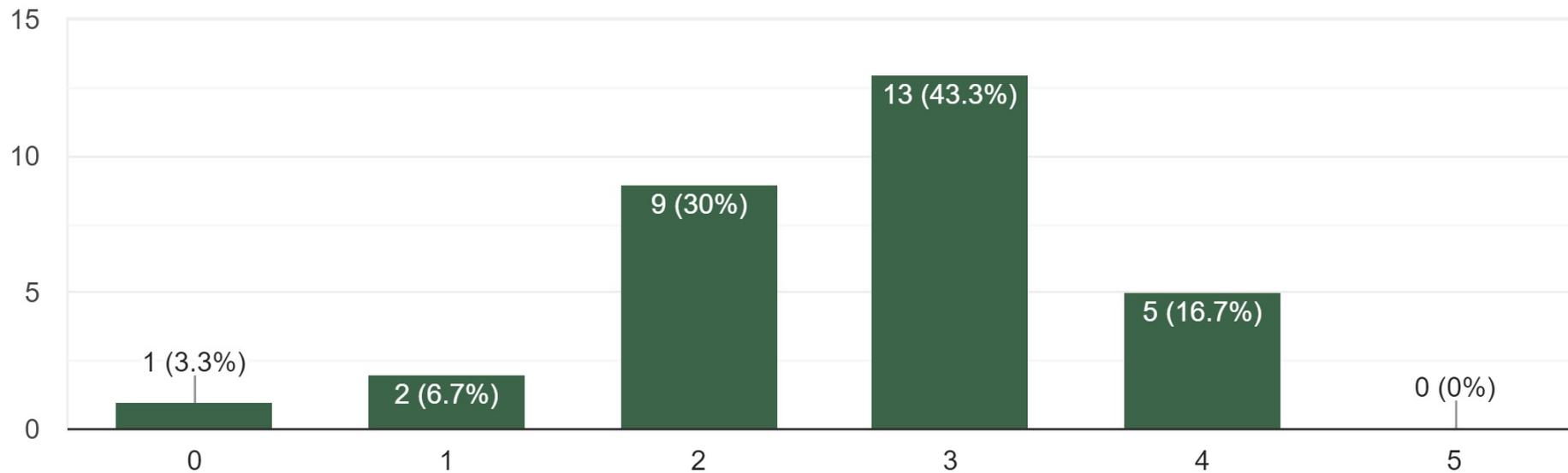
Page-Footer: EPOS EUROPEAN PLATE OBSERVING SYSTEM logo and the number 871121.

POT #6: User testing of EPOS Data Portal (ICS)

Scientific user testing

Do you consider the EPOS Data Portal easy to understand and navigate through?

30 responses

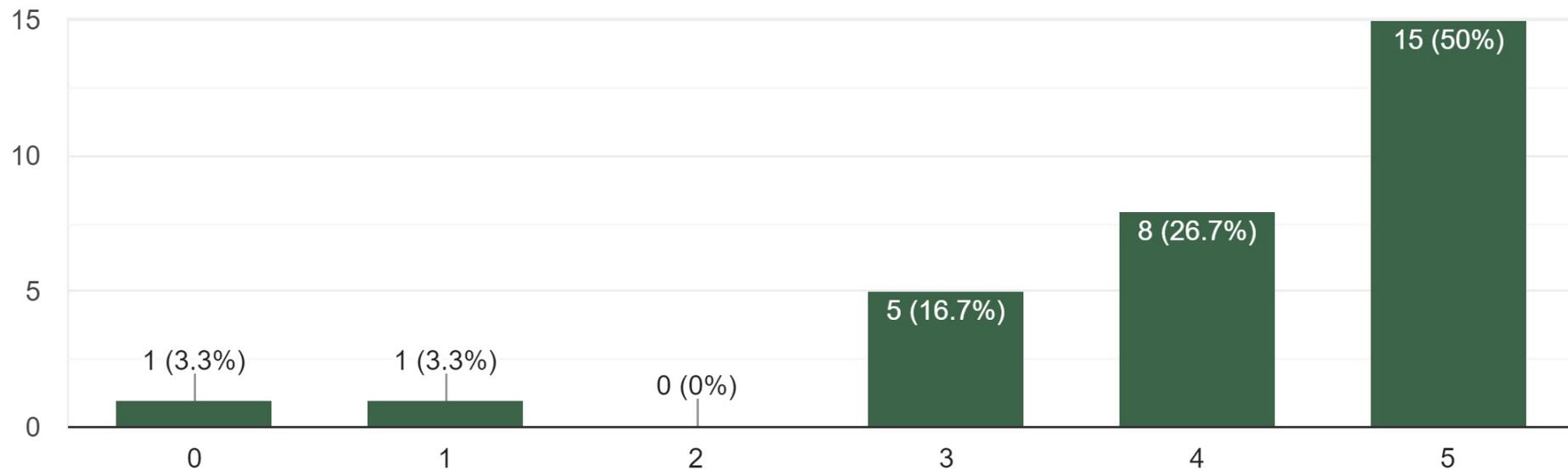


POT #6: User testing of EPOS Data Portal (ICS)

Scientific user testing

Do you think you will use the EPOS Data Portal again?

30 responses



Pilot Operational Testing Summary Report (window 1)

Document type and purpose	POT Summary Report (window 1) – User testing of EPOS Data Portal (ICS portal), description of tests and results
Document prepared by	Jan Michalek
Dissemination level	internal
Target audience	IT Board
Contact info (email)	jan.michalek@uib.no
Date and time	2021-07-21

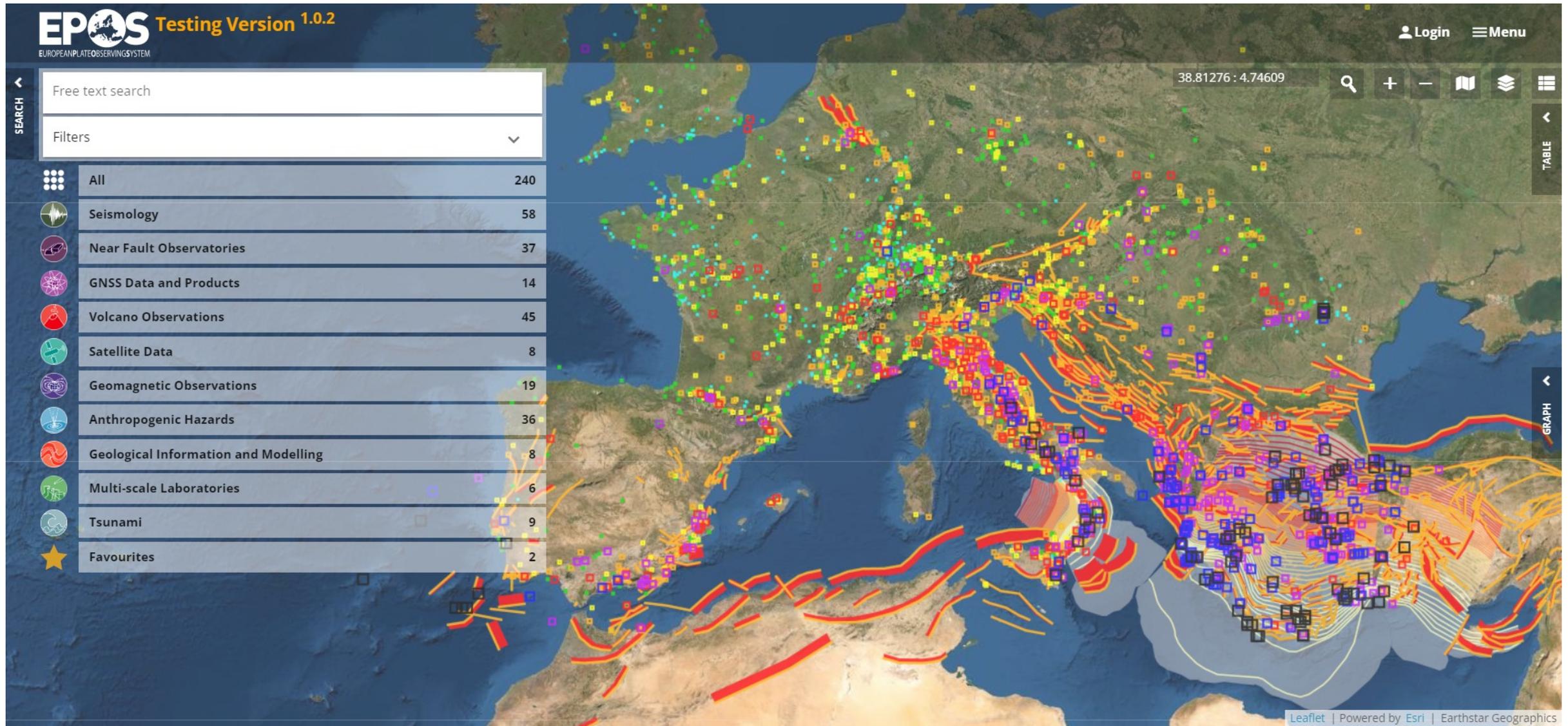
Contents

Summary	2
Introduction	2
Summary of POT #2 – User testing of TCS portals	3
Ranking	3
Discussion of results POT #2 – Testing of TCS portals	3
Conclusions from POT #2	5
Summary of POT #3 – Technical testing of ICS-C services	5
Conclusions from POT #5	7
Anticipated work from the POT #3 ICS-C testing	8
Summary of POT #4 – Technical testing of TCS services - before integration into ICS	9
Conclusions from POT #4	10
Summary of POT #5 – Technical testing of ICS-TCS integration	11
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Conclusions from POT #5	13
Summary of POT #6 – User testing of ICS portal (EPOS Data Portal)	13
Summary of general user testing	13
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Complete Report for POT window-1 with details are available

 Annex 1-EPOS_POT-TCS_REPORT_Complete_FINAL_20210720	22.07.2021 22.21	PDF-fil	3 009 kB
 Annex 2-Status report on the POT ICS-C Testing-28042021	22.07.2021 22.21	PDF-fil	508 kB
 Annex 3-EPOS_POT#5_REPORT_20210721	22.07.2021 22.21	PDF-fil	1 035 kB
 Annex 4-EPOS_POT-#6-REPORT-FINAL-20210709	22.07.2021 22.21	PDF-fil	10 099 kB
 EPOS_POT_SUMMARY-REPORT_20210721	21.10.2021 20.20	Microsoft Word-d...	2 912 kB
 POT_Summary_Report_-_window_1	22.07.2021 22.20	Komprimert (zipp...	17 562 kB

New version of the GUI is adopted after POT-1



... and the new version is now being tested in POT-2

EPOS Testing Version 1.0.2
EUROPEAN PLATE OBSERVING SYSTEM

Free text search
Filters

Geological Information and Modelling 8

- Borehole View Service** *i* ☆ v
Categories: [Boreholes](#)
Visible on: [Map](#)
Status: ✓
- Geological Feature Discovery Service** *i* ☆ v
Categories: [Geological Maps](#)
Visible on: [Map](#) [Table](#)
Status: ▲
- Geological Feature View Service (EGDI Geological Map *i* ★ ^ 1:1,000,000)**
Categories: [Geological Maps](#)
Visible on: [Map](#)
Status: ✓

Advanced search filters (9 of 9) [x]

Coordinates: 90 -90 -180 180 [toggle]

Results per page: 10 Page 1 of 1 [navigation]

Legend:

- Wrapped Interferograms (im...)
- Wrapped Interferograms
- Geological Feature View Servi...
- IOC Sealevel Monitoring Stati...
- Parameters of historical eart...
- European Database of Seism...
- Imagery

40.73875 : 5.05371

Leaflet | Powered by Esri | Earthstar Geographics

POT workplan (Window 2)

POT Gantt chart		2020				2021						2022											
		WINDOW 1								WINDOW 2													
		Q3	Q4			Q1			Q2	Q3		Q4			Q1			Q2					
Group of tests	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	
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6	User testing of ICS portal																						
	ICS-TCS Interaction work cycles (pitches)	WS			WS			WS			WS			WS			WS			WS			WS

← Warm-up month

← Reporting for Window 1

← Fixing issues after the 1st POT window

Day 1 – 22 June | 09:00 – 18:30

09:00 - 09:15 Welcome from the EPOS SP project Coordinator (Lilli Freda)

09:15 – 13:30 Session 1: Pilot Operational Testing (POT) and EPOS Data Portal Opening

Chair: **Kuvvet Atakan**

This session focuses on the work done during the POT phase and aims at showcasing the EPOS Data Portal operation

09:15 – 09:30

Introduction

Kuvvet Atakan

09:30 – 10:00

EPOS Long term sustainability

Massimo Cocco

10:00 – 10:30

Report on the Pilot Operational Testing

Jan Michalek

10:30 – 11:15

EPOS Data Portal Opening

Daniele Bailo

11:15 - 11:45 Coffee Break

11:45 – 12:00

EPOS Data Portal Demo

Rossana Paciello

12:00 – 13:15

Plenary

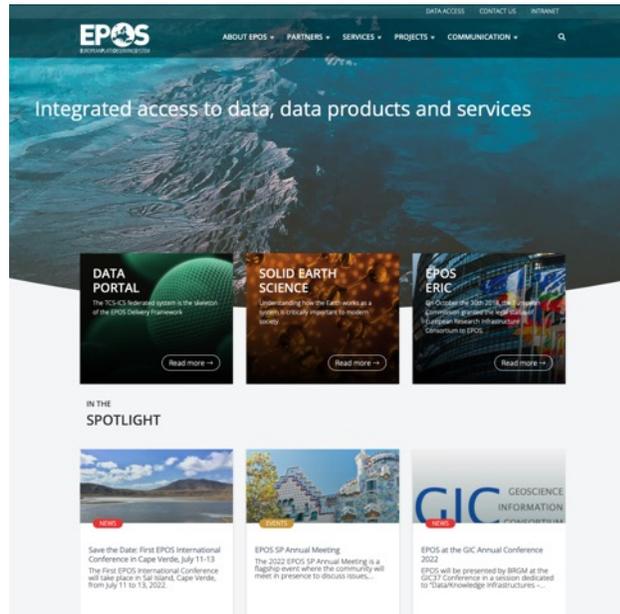
Tour de table and Interactive session

Moderator: **Keith G. Jeffery**

Summary and Discussion

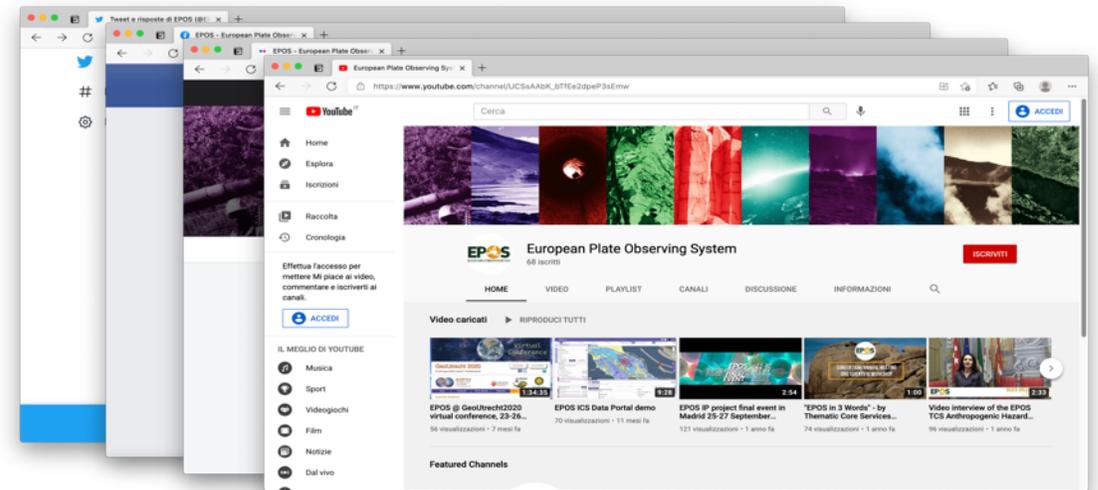
13:15 - 15:00 Lunch Break

Web site



www.epos-eu.org

Social media



Thank You!