

NFO Service Committee (SC) role?

- Link with ICS during ICS-TCS meetings. With ICS we discuss on our common problems and how to be solved. We have our own problem they have also problems. There is a Pitch leader that participates to meeting in charge of reporting issues that are discussed in SC to ICS and back.
- There are a lot of issues/problems that can be solved or pointed out only by us (as the only responsible entities for our services) during Pitch Meetings.

Pitch leader: Alexandru Marmureanu; marmura@infp.ro

Pitch developers: TCS members:

- Ovidiu Jianu; ovidiu.jianu@infp.ro
- Luca Elia; luca.elia@unina.it
- Gaetano Festa; gaetano.festa@unina.it
- Ivano Matiddi; ivano.matiddi@ingv.it
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- Stefan Heimers; stefan.heimers@sed.ethz.ch
- Fatih Turhan; fthturhan@gmail.com

2022 TCS-ICS common meetings

- **14-18 March 2022 (virtual) – Discussion continued from 2021 cycle 4**
 - ***Mid term discussion with ICS – May 2022***
- **13-17 June 2022 (virtual)**
 - ***Mid term discussion with ICS – August 2022***
- **19-23 September (Bergen)**
 - ***Mid term discussion with ICS (Oct 4)***
- **5-9 December (virtual)- Reporting on Operational Services ready to be implemented**

- **14-18 March 2022 (virtual) Pitch 1/2022 – Discussion continued from 2021 pitch 4**

- **Mid term discussion– May 2022**

<https://epos-ci.brgm.fr/ics-tcs/pitches-2021-cycle-4/-/wikis/PITCH-::-TCS-::-NFO>

- POT work
 - FIXING WORK after POT Window-1 (<https://epos-ci.brgm.fr/ics-tcs/pitches-2021-cycle-2/-/wikis/PITCH-::-POT-::-FIXING-WORK-AFTER-POT-WINDOW-%231>)
 - FRIDGE portal - correct link to ICS Data Portal (<https://www.ics-c.epos-eu.org/data/search>)
 - Include HTTPS for the portals (<http://lcepos.fisica.unina.it/> - DONE, <http://fridge.ingv.it/> - DONE)
 - Check all NFO Services for having documentation link - add to EPOS-DCAT-AP ttl file
 - Prepare Quality Assurance pages for the services; example: <https://docs.cyfronet.pl/display/ISDOC/Data+Quality+Assurance>
 - Add link of the QA page into the documentation page/PDF Document done, updating links
 - Check service visualization in ICS GUI - report issue through <https://epos-ci.brgm.fr/epos-public/issuetracker/-/issues>
 - Check keywords - [epos-public/issuetracker#5218](https://epos-ci.brgm.fr/epos-public/issuetracker#5218) - and add to metadata; Overview of keywords: https://epos-ci.brgm.fr/search?search=keywords&group_id=97&project_id=94&scope=&search_code=true&snippets=false&repository_ref=master&nav_source=navbar
 - These keywords should be recorded in the vocabulary (see below)
 - Check legend availability in ICS GUI for all NFO TCS services
 - Consider providing native GeoJSON which gives direct control of the visualization in ICS (map, table)
 - Complete vocabulary for NFO TCS: <https://docs.google.com/spreadsheets/d/1etf7WVTJP3NJ9Hni1YBvLF33k66FAyNf1qWYAxtHZEW/edit#gid=908513480>
 - POT Window-2: only poorly performing services
 - Testing TCS portals (POT #2) - update link to ICS portal: <https://www.ics-c.epos-eu.org/>

- Testing TCS Services internally (POT #4)
 - Percentage of successful requests should be close to 100% (4 services to be tested again?)
 - Services connected to ICS should serve data through HTTPS
 - https://docs.google.com/spreadsheets/d/15M5ychwPO0HGXIsh9Qoi2PP7oFGJk_EE_3dhKVuqe8/edit#gid=1142432995
 - POT tests for TCS: https://epos-ci.brgm.fr/ics-tcs/pot-reports/-/tree/master/testing_TCS_services
- Metadata updates
 - Review metadata content of each service/distribution in ICS GUI
- Improvement of TCS services
 - Check content provided by each TCS service in ICS GUI - also download
- AAI
- Conversions of payloads (for visualizations in ICS GUI)
 - Is there need for updating existing or making new convertors to visualize the content properly in ICS GUI?
 - Visualization of time-series? covJSON required
 - Possibly implement native covJSON for VP/VS, radon, ... ?
 - (Service identification in ICS GUI - Domain->Subdomain->ServiceTitle : @contact_person)
- Involvement of TCS people in other pitches
 - Vocabulary tool pitch - Alexandru Marmureanu, Gaetano Festa, Lauro Chiaraluce
 - TNA pitch - Gaetano Festa
 - TCS Service payload validation - Luca Elia
- EPOS Issue tracker
 - Review TCS-specific issues in issue tracker: [https://epos-ci.brgm.fr/epos-public/issuetracker/-/issues?scope=all&state=opened&label_name\[\]=TCS_Near-Fault_Observatories](https://epos-ci.brgm.fr/epos-public/issuetracker/-/issues?scope=all&state=opened&label_name[]=TCS_Near-Fault_Observatories)

• 13-17 June 2022 (virtual) Pitch 2/2022

▪ *Mid term discussion with ICS – August 2022*

<https://epos-ci.brgm.fr/ics-tcs/pitches-2022-Q2/-/wikis/PITCH-:-TCS-:-NFO>

• POT work

- Check all NFO Services for having documentation link - add to EPOS-DCAT-AP ttl file
 - Marmara, Vrancea Events, check systematically all
- Add link of the QA page into the documentation page/PDF Document done, updating links
http://fridge.ingv.it/docs/API_prototype_documentation_NFO_QA.pdf
 Necessary a discussion in conjunction with Implementation Level Matrix
- Services connected to ICS should serve data through HTTPS
 - Merge request was made with HTTPS enabled

• AAAI

- Athorization pitch: Please populate the spreadsheet:
<https://docs.google.com/spreadsheets/d/1xmlwiMlKuHd3-Bamjk4DQp4NqwCwQMII/edit#gid=883930901>

• Conversions of payloads (for visualizations in ICS GUI)

- (Service identification in ICS GUI - Domain->Subdomain->ServiceTitle : @contact_person)
 - Vp/Vs: @Ivano Matiddi, Lauro
 - Rn concentration and local temperature: @Ivano Matiddi, Lauro

• Involvement of TCS people in other pitches

- Vocabulary Task Force - Gaetano Festa, Lauro Chiaraluce, Alexandru Marmureanu
- TNA pitch - Gaetano Festa

• EPOS Issue tracker

- Review TCS-specific issues in issue tracker: [https://epos-ci.brgm.fr/epos-public/issuetracker/-/issues?scope=all&state=opened&label_name\[\]=TCS_Near-Fault_Observatories](https://epos-ci.brgm.fr/epos-public/issuetracker/-/issues?scope=all&state=opened&label_name[]=TCS_Near-Fault_Observatories)

- **19-23 September (Bergen) Pitch 3/2022**
 - ***Mid term discussion with ICS***
(October 2022)

- Freezing date: 11/18/2022
- Mid-term pitch review: 10/17/2022 - 10/21/2022
- Review and update the titles and description in TTL files

Link to TTL files: <https://epos-ci.brgm.fr/ics-tcs/epos-dcat-ap/tcs-nfo> To modify titles

- "Marmara Stations" to "Marmara Seismic Stations" in EPOS-DCAT-AP_WP09_KOERI_DATASELECT_STATIONS.ttl
- "TABOO Velocity and Acceleration Waveform" to "TABOO Seismic Velocity and Acceleration Waveform"
- Documentation missing for Vrancea Seismic Stations ?! Basic documentation is present for all the services, but for some needs improvement.
- For Vrancea seismic only XML is served, other formats are omitted !?
- QA document must be on the beginning of the PDF pages from <https://fridge.ingv.it>
- CRL Seismic events- the query has no time limit - the issue on gitlab: [epos-public/issuetracker#12840](https://gitlab.com/epos-public/issuetracker/-/issues/12840) . Needs to be fixed by ICS.
- Decide selection criteria for multiple seismic network codes located in the same NFO.Configuration - add dropdown for net + sta? and hide some parameters. Must be fixed before November 1. 2022. For CRL-Strainmeter is not completed, not done (reason: missing dropdown menu for the stations - Pascal should fix this!)
- Revise the license
- review [EPOS-ImplementationLevelMatrix-BecomingOperational](https://docs.google.com/spreadsheets/d/10yN1MfIbdMx3ZVIFNVQPREX2oM5MoRqK_HeCz_PWobU/edit#gid=1088915247)
https://docs.google.com/spreadsheets/d/10yN1MfIbdMx3ZVIFNVQPREX2oM5MoRqK_HeCz_PWobU/edit#gid=1088915247
- Added new Marmara services (Marmara Events, Marmara Vp/Vs, Marmara Rn)
- EPOS Issue tracker
 - Review TCS-specific issues in issue tracker: [https://epos-ci.brgm.fr/epos-public/issuetracker/-/issues?scope=all&state=opened&label_name\[\]=TCS_Near-Fault_Observatories](https://epos-ci.brgm.fr/epos-public/issuetracker/-/issues?scope=all&state=opened&label_name[]=TCS_Near-Fault_Observatories)

SUMMARY :

- Current status of work:

<https://docs.google.com/document/d/1vi8fcaUo5EieMOdisvlmSHUKFv43dTUfu6-i5ngsNAM/edit> - internal link with all the changes done in 2022

- 2022-NFO-Services as reported by

<https://data.geus.dk/eposmonitoring/>

<https://docs.google.com/spreadsheets/d/15j-jycnhcnzsrSS36L2uTZ6QAUJsR8MYZOQGs457RKU/edit#gid=0>

- Implementation Level of TCS Services into ICS - becoming operational

Freezing date: 11/18/2022 !!!

https://docs.google.com/spreadsheets/d/10yN1MflbdMx3ZVIFNVQPREX2oM5MoRqK_HeCz_PWobU/edit#gid=1088915247

