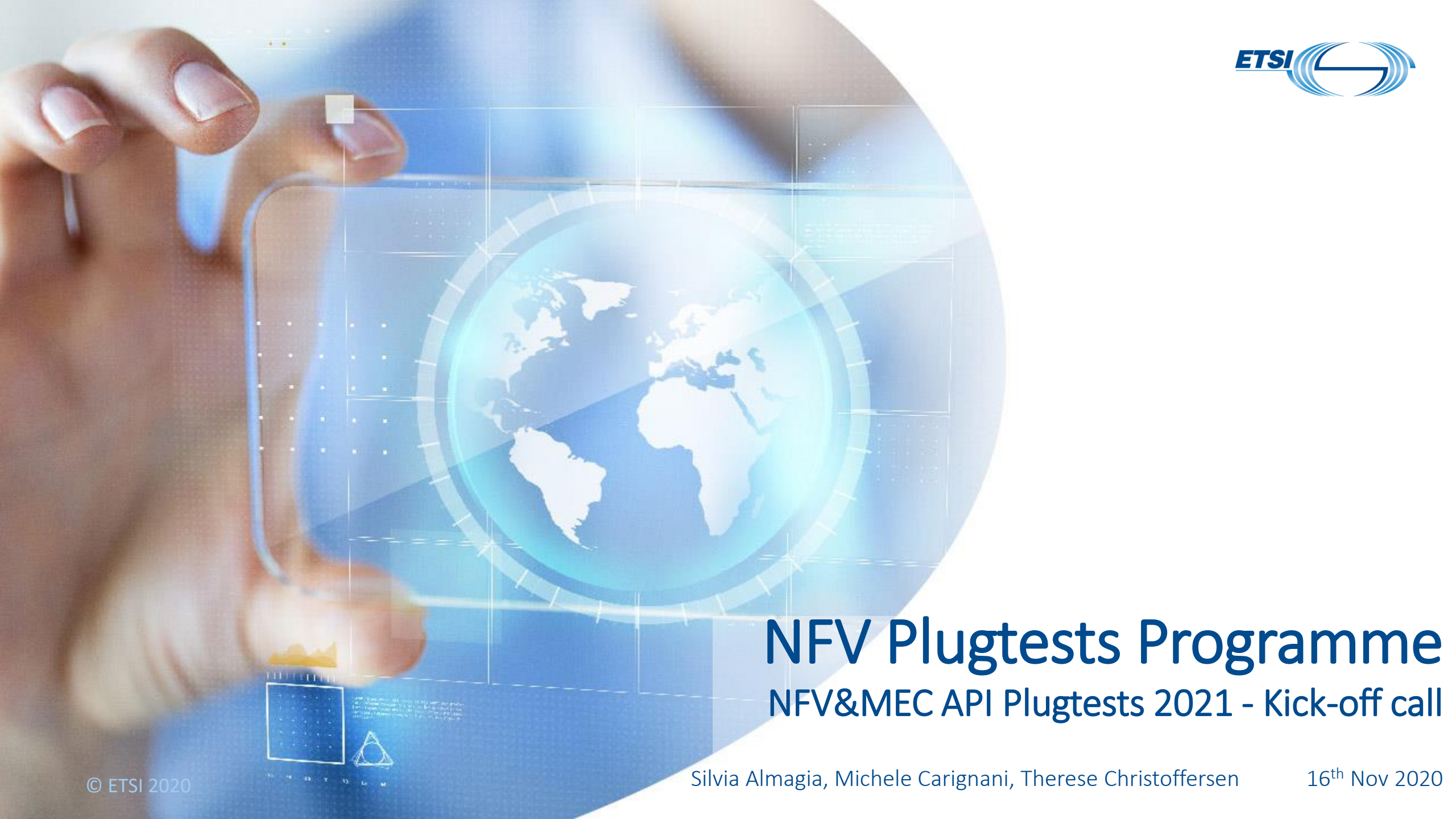


The background of the slide features a close-up of a hand holding a transparent, rectangular object that appears to be a piece of glass or a thin tablet. On the surface of this object, a glowing blue globe is visible, showing the continents of North and South America. The globe is surrounded by a grid of white lines and dots, giving it a digital or technological appearance. The overall color scheme is dominated by blues and whites, with a soft, out-of-focus background.

NFV Plugtests Programme

NFV&MEC API Plugtests 2021 - Kick-off call

Coming up in 2021 #NFVplugtests #MECplugtests

• Remote NFV&MEC API Plugtests 2021

- 1-28 February 2021
- Fully remote event [#TestFromHome](#)
- Individual NFV & MEC API Conformance test sessions
- **Registration OPEN**, deadline December 15th!
- <https://www.etsi.org/events/1840-nfv-mec-remote-api-plugtests-2021>

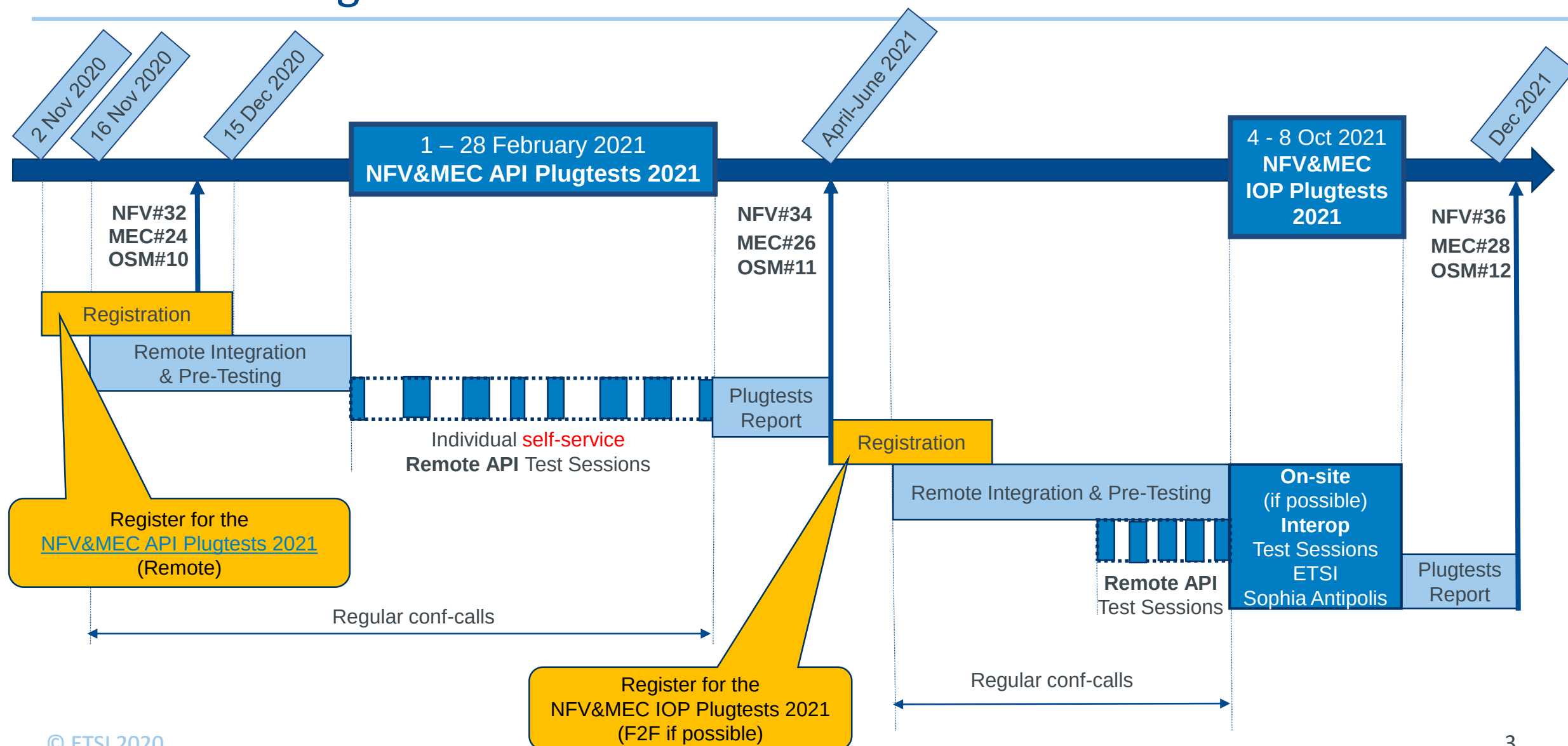


• NFV&MEC IOP Plugtests 2021

- 4-8 October 2021
- ETSI, Sophia Antipolis, France (if possible)
 - Fallback to remote (and extension to 2 weeks) if needed
- Multi-vendor NFV & MEC interoperability test sessions

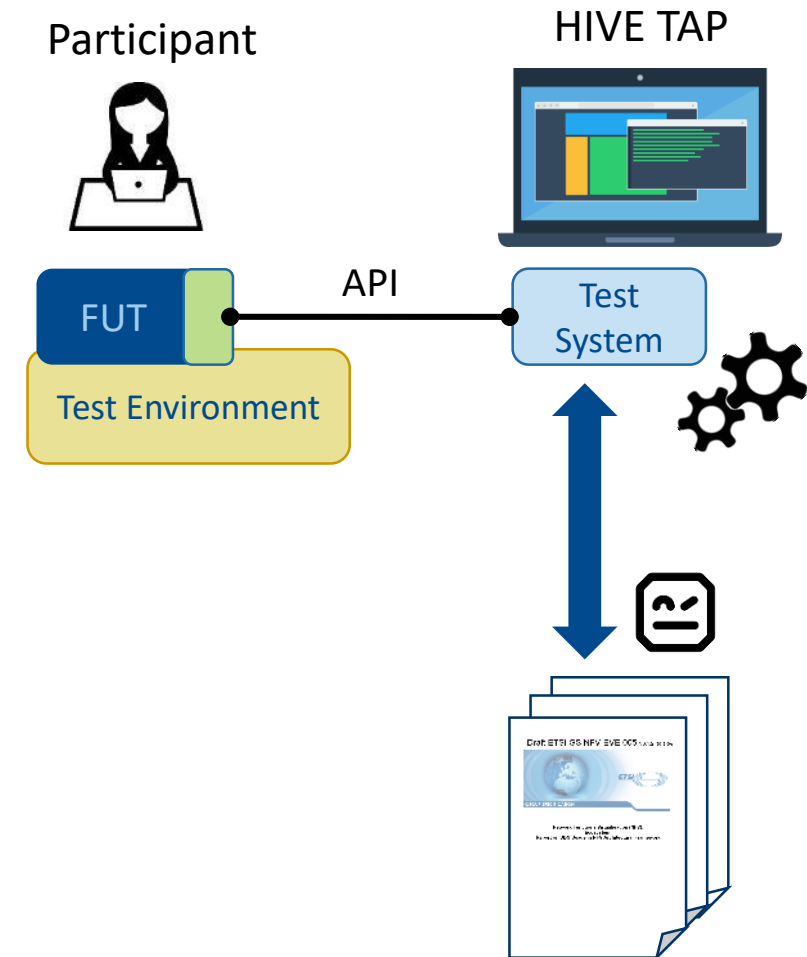


NFV&MEC Plugtests – 2021 Timeline



NFV&MEC API Plugtests 2021 Scope

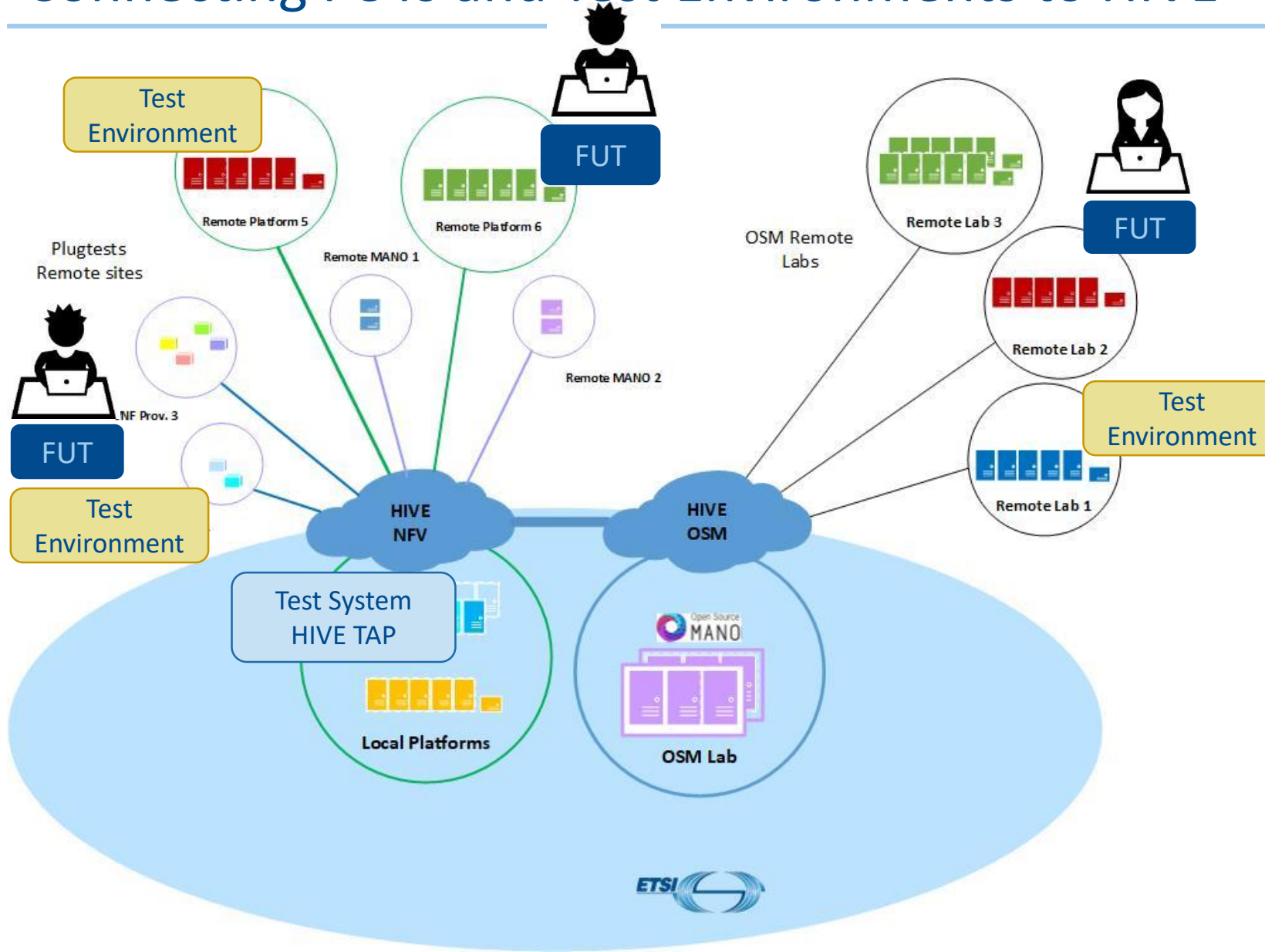
- Fully **remote** event focusing on **NFV&MEC API Conformance Testing**
- Individual **self-service** sessions: any time, any where
 - Participants provide FUT with API server Under Test
 - ETSI provides Test System HIVE TAP – Test Automation Platform
 - Online portal
 - API Client & Notification End Point
 - Support team available if needed
 - Other participants (can) provide the Test Environment
 - NFVI & VIM
- Goals:
 - Participants self-evaluate the Conformance of their NFV & MEC APIs implementation
 - ETSI validates and improve Test Specifications and associated Robot Framework
- Individual results remain private to participants:
 - Overall aggregated data will be compiled and analysed in **Plugtests Report**



Specifications in Scope

- Test Specifications
 - NFV-TST010 v2.4.1, v2.6.1, v2.7.1
 - MEC-DEC032 v1.1.1, v2.1.1
- Robot Framework
 - NFV: <https://forge.etsi.org/rep/nfv/api-tests>
 - MEC: <https://forge.etsi.org/rep/mec/gs032p3-robot-test-suite>
- Base Specifications
 - NFV-SOL002, NFV-SOL003, NFV-SOL005 v2.4.1, v2.6.1, v2.7.1
 - MEC010-2, MEC011, MEC012, MEC013, MEC021, MEC029 v2.1.1
 - MEC014, MEC015, MEC016 v1.1.1

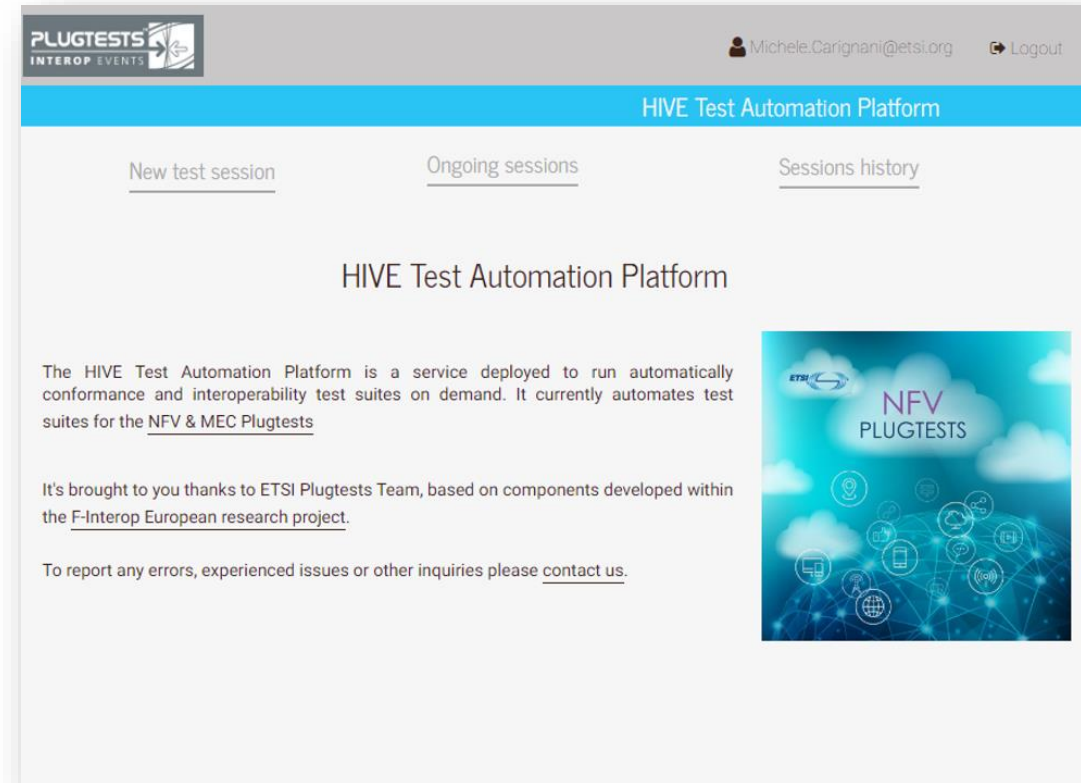
Connecting FUTs and Test Environments to HIVE



- Participants can use own or 3rd party Test Environments (HW, NFV&VIM)
- HIVE TAP access requires HIVE connectivity.
- Test Environments need to be connected to HIVE with site-to-site VPN
- Participants using 3rd party Test Environment can connect to HIVE with client-to-site VPN (max 3 per company)
- Once connected, participants can run as many sessions for as many APIs as wished.

HIVE TAP

- ✓ A platform to configure and execute tests in an automated way
 - ✓ Collaborate in and share test sessions
 - ✓ Capture and collect test results statistics
- ✓ Integrates the Test suites from NFV and MEC test specifications
- ✓ Each participating team will be provided with credentials (shared among the team members)
- ✓ Need help? Write on Slack or review the [wiki page](#).

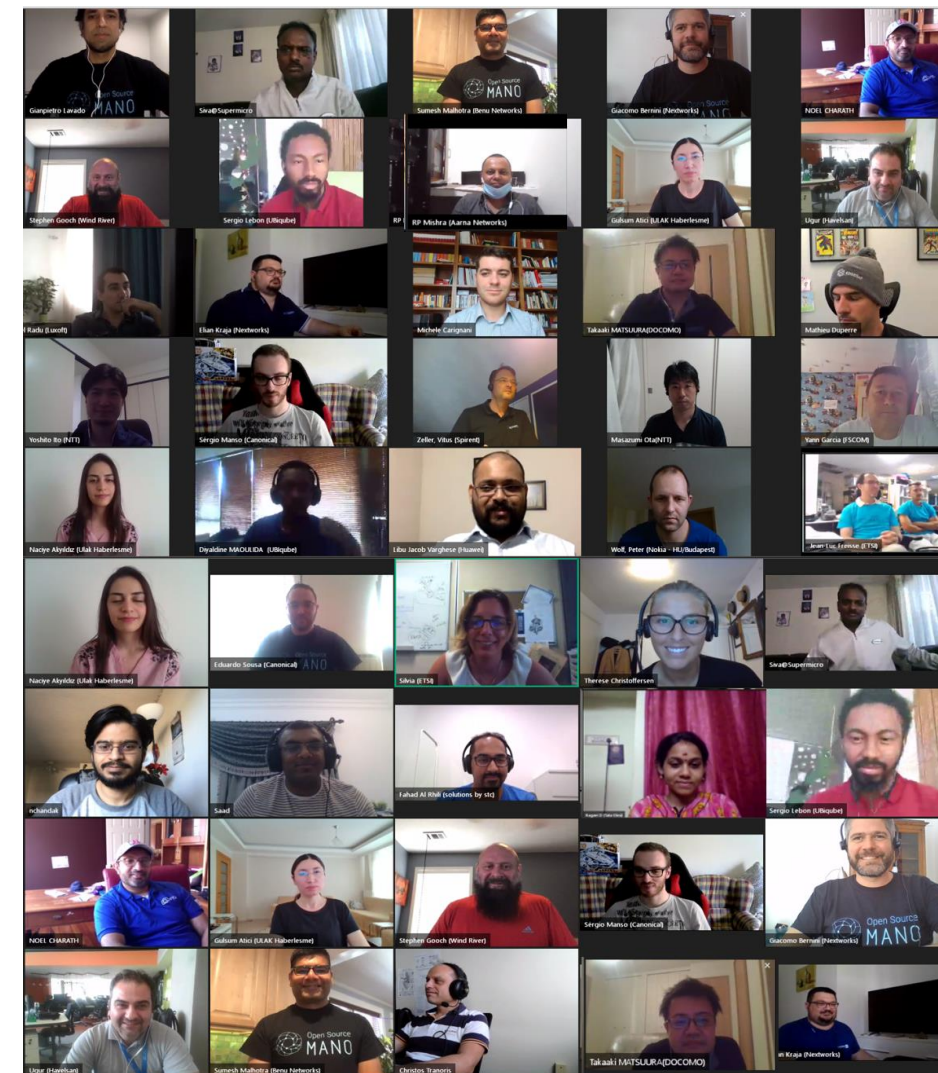


Who should join?

- VNFs, CNFs and EMs implementing NFV-SOL002 APIs
- VNFMNs implementing NFV-SOL002 or SOL003 APIs
- NFVOs implementing NFV-SOL003 or NFV-SOL005 APIs
- MEC Platforms, Platform Managers and Orchestrators (MEO, MEA, MEPM, MEPM-V) implementing MEC010-2, MEC011 or MEC016 APIs
- MEC Services providers implementing MEC012, MEC013, MEC014, MEC015, MEC021 or MEC029 APIs

But also:

- HW, NFVI&VIMs offering the **Test Environment**.
- **Test Tools** and **Simulators** implementing NFV or MEC APIs
- Operators and academia are invited to join as **observers**.



How to join & next steps

- **Register** before Dec 15th at <https://www.etsi.org/events/1840-nfv-mec-remote-api-plugtests-2021>
 - Let us know how you want to participate (API, Test Environment ...)
 - Sign **NFV Plugtests Programme NDA** (for new participating companies only)
 - Get/check **mailing list** subscription and **wiki** access: <https://wiki.plugtests.net/NFV-PLUGTESTS>
 - Connect to **NFVPLU Slack#**
 - To add members to your team : just ask them to register
- (Re-)connect to HIVE
 - <https://wiki.plugtests.net/NFV-PLUGTESTS/index.php/HIVE>
- Provide ICS – Implementation Conformance Statement (coming soon)
 - To declare supported APIs and help us scope / prioritize the testing
- **Review the test specifications and test cases** (you may want to execute a few of them locally)

Next steps

- Become familiar with the **API Specifications** :
 - NFV: https://nfvwiki.etsi.org/index.php?title=API_specifications
 - MEC: <https://forge.etsi.org/rep/mec>
- Pre-test with **Robot Test Suites** :
 - NFV: <https://forge.etsi.org/rep/nfv/api-tests>
 - MEC: <https://forge.etsi.org/rep/mec/gs032p3-robot-test-suite>
- **Ask** questions on the **NFVPLU Slack#**
- Regular **conf-calls** to prepare for and sync during the Plugtests
 - 16th Nov 2020 – Open Kick-off call
 - 14th Dec 2020
 - 11th Jan 2021
 - 18th Jan 2021
 - 25th Jan 2021
 - 1st Feb 2021
 - 8th Feb 2021
 - 15th Feb 2021
 - 22nd Feb 2021
 - 1st Mar 2021 – Final Wrap-up call

Your time!



Thank you!

www.etsi.org/nfvPlugtestsProgramme

plugtests@etsi.org