

Event: DERlab/PANTERA/ERIGrid 2.0 webinar "Remote Testing & EIRIE Platform"

Date: 8th of March 2021, 9:30 – 11:35 CET

Session: Question & Answer session - unanswered questions during the webinar

@ERIGrid 2.0: are there any conditions if using your own data through the virtual platform? In case the data are private and cannot in principle be shared

No, at the RWTH Vlab, we don't have any conditions on the data you provide as input or generate from our platform. It is fine to use private/confidential data in Vlab. By default, data remains in your own persistent home directory which is not accessible by other users.

However please be aware that you might want to delete your files after you are finished with using the platform. Also, please note that we cannot provide strong guarantees to keep your data backed up and safe. We do our best to maintain confidentiality and data security. But in case of a leak or lost data due to hardware failures we cannot be made liable.

@ERIGrid 2.0: Will there be Hardware-in-the-loop lab equipment for remote simulations available?

From the viewpoint of ERIGrid's Virtual Access opportunities, there is no access to physical labs / PHIL possible. However, such access could in theory provided by a Remote Access TA exchange such as presented by Kai Heussen. This is mainly due to safety issues and reservation/allocation of laboratory resources which is necessary for PHIL experiments.

@ERIGrid 2.0: Regarding the eligibility for the ERIGrid: Do you consider the UK as part of the EU?

In conformity with the [EU-UK Withdrawal Agreement](#), the UK and persons or entities established in the UK continue to be eligible to receive Union funds under actions carried out in direct, indirect or shared management, which implement Union programmes and activities committed under the MFF 2014-2020 until the closure of those Union programmes and activities. This includes Horizon 2020 actions. When restrictions apply, these will be clearly specified in the call for proposals. This agreement also applies for ERIGrid 2.0 which means that lab access user groups from the UK are still eligible.

@ERIGrid 2.0: what happens with the pandemic and the mobilization of the researchers?

Usually, lab access user projects should be implemented in a time frame within six months after receiving the approval notification. However, due to the pandemic ERIGrid 2.0 provides as much as flexible as possible which means that the six-month time frame will not be considered currently as binding deadline.



@ERIGrid 2.0: Do the applicant needs to contact the preferred lab/researcher to prepare the application/submit an application?

General information and details (Application Process, Lab Access Guide, Proposal Template, Submission System, Selection Criteria, FAQ, etc.) about the access program are provided at <https://erigrad2.eu/lab-access/>. In case of further questions (mainly of technical and administrative nature) the lab access user groups are kindly invited to get in contact with the hosting labs via <https://erigrad2.eu/lab-access/> (i.e., contact information are provided for each of the labs).

@ERIGrid 2.0: Is there any telecom network simulator in the DERLab network to co-simulate with grid and automation components?

In context of the ERIGrid-1 project (which was finished last year) co-simulation experiments addressing power systems and ICT/automation topics have been performed. Here, the open source ns-3 communication simulator has been used; the documentation about this work is available in the corresponding Deliverables [D-JRA2.1](#), [D-JRA2.2](#) and [D-JRA2.3](#). Moreover, also a FMI export tool has been created which is available at <https://github.com/ERIGrid/ns3-fmi-export>. A corresponding test case has also made available to the public which can be accessed via <https://github.com/ERIGrid/JRA2-TC3>. Furthermore, DERlab/ERIGrid partners have made additional work on co-simulation-based studies with communication (using different simulators) which have been published in the past. Some examples are <https://doi.org/10.3390/en10121977>, <https://doi.org/10.1109/TPWRS.2014.2305740>, <https://doi.org/10.1109/MSCPES.2014.6842400>, and many more ...

@PANTERA: Will the EIRIE platform focus on mainly low active countries, or for whole EU? Again, any special attention for low active countries, then on what R&I topics?

EIRIE platform will cover the needs of the whole of EU in the fields that it will be covering. However, the fact that the content, tools and solutions will be easily accessible throughout the EU with a dedicated area with selected activities for the countries in the low activity category we feel that we are covering adequately both needs.

@PANTERA: How will new information elements be developed? By whom?

As indicated in the presentation today, the PANTERA project is already running 5 Working Teams with experts from the consortium of the project but also from ETIP SNET Working Group 5 addressing issues that are of interest to the EIRIE platform covering developing areas that we consider today important for the platform. Similarly, this work will continue in the future with the contribution of the experts of ETIP SNET managed by the service contract that DG Energy will have in place for the managing the EIRIE platform in the future.

@PANTERA: Is there more detail available on the core elements to be expected on EIRIE?

For the moment all we have is already well documented in the website of the project PANTERA: About PANTERA - PANTERA (pantera-platform.eu)

