e-IRG Workshop under the Czech EU Presidency
Session II: Energy crisis and e-Infrastructures

12. December 2022, 16:00 – 18:00 CET

Organised within the framework of the French Presidency of the Council of the European Union by e-IRG and the e-IRG secretariat, with the support of CESNET the Czech research and education network.

Housekeeping

- This **session will be recorded** and the recording will be made accessible on the e-IRG webpage

- Please **do not activate your microphone and video** unless the host gives you permission

- The moderator will **keep the timing strict**

- Use the **Chat for questions** which will then brought forward to the moderator

- Please make use of the **survey for feedback** on agenda page

- You can **comment on Twitter #eIRG** hashtag or **send feedback to** the e-IRG secretariat@e-irg.eu

e-Infrastructure Reflection Group

Vision: **facilitate integration in the area of European e-Infrastructures and connected services**, within and between member states, at the European level and globally.

Mission: support a/ **coherent, innovative and strategic European e-Infrastructure policymaking** and b/ **development of convergent and sustainable e-Infrastructure services**.

e-Infrastructure Commons

e-Infrastructure Commons is the political, technological, and administrative framework for an easy and cost-effective shared use of distributed electronic resources across Europe.

e-IRG outlines Europe's need for a single "e-Infrastructure Commons" for knowledge, innovation and science [e-IRG Roadmap, 2012]

e-IRG stresses the need for e-Infrastructure coordination at the national level and strong national building blocks, enabling coherent and efficient participation in European efforts [e-IRG Roadmap, 2016]

Role of National Nodes, in the implementation of the e-Infrastructure Commons and its instantiation as the European Open Science Cloud [National Nodes, 2019]

e-IRG White Paper 2021 addressing the good practices of coordination within and across e-Infrastructures and thematic Research Infrastructures

e-IRG White Paper 2021

- **Follows-up the work from the e-IRG National Nodes document**

- **Coordination is continuously needed at national level among all players**
  - Both among generic (horizontal) e-Infrastructure providers
  - Across generic (horizontal) and thematic (vertical) RI providers

- *Coordination should be expanded within and across countries*
  - At ***institutional*** level
  - At ***regional*** level
  - At ***EU level (***already treated at multiple fora, but only within an area, e.g. GEANT, EOSC, EuroHPC)

- ***Coordination across areas (networking, computing, data)*** *is part of the 2nd topic of the White Paper (White Paper 2022)*

  Download: **https://zenodo.org/record/5741971** *(note there are two files, main part + annexes)*

e-IRG Workshop under Czech EU Presidency

Programm Committee

- Jan Gruntorad (CZ, Chair)
- Volker Beckmann (FR)
- Panos Agyrakis (GR)
- Paolo Budroni (AT)
- Stefan Hanslik (AT)

- Marko Bonac (SI)
- Jan Wiebelitz (support programme)
- Fotis Karayannis (support programme)
- Michael Maragakis (support programme)
- Bernd Saurugger (support programme)

Session I: **Coordination and collaboration among European e-Infrastructures**

Session II: **Energy crisis and e-Infrastructures**

Session III: **Data infrastructures and Data Spaces**

Session IV: **Interlinking – interaction between data, publicatiosn and PIDs**

Session I: Energy crisis and e-Infrastructures

Opening

Opening:

- **Jan Gruntorad** (CESNET, CZ)
- **Paolo Budroni** (e-IRG Chair)

Moderator:

- **Stefan Hanslik** (e-IRG, AT)

Context

The current energy crisis as a result of the war in Ukraine has an impact on all areas of life and thus also on the Research Infrastructures and e-Infrastructures.

The increasing costs for operations (high energy prices and inflation) and also maintenance (including rising costs for equipment) need to be better understood and addressed.

Projections are difficult and the initial approach of RIs and e-Infrastructures is to reduce their operation time, which has a direct negative impact on R&I.

Actors

- Sandra Cohen (Uni. Athens, GR)
- Martin Střelec (Univ Plzen, CZ)
- Ülar Allas (Univ Tartu, EE)
- Slaven Mihaljević (e-IRG & SRCE, HR)
- Jan Růžička (CESNET, CZ)
- Janos Mohacsi (e-IRG & KifÜ, HU)
- Mirjam van Daalen (PSI, CH)
- Jan Meijer (e-IRG & SIKT, NO)
- Anna Carlmark Malkoch (e-IRG & VR, SE)

What's next

- **Session III: Data Infrastructures and Data Spaces**
  tomorrow morning (10:00 – 12:00 CET)
- **Session IV: Interlinking - interaction between data, publications and PIDs**
  tomorrow afternoon (13:30 – 15:45 CET)

- Slides will be available on the Indico agenda page,
- Recordings will also be published
- Further questions and comments via email to secretariat@e-irg.eu

- http://e-irg.eu - subscribe to the e-IRG mailing list
    @eirgeu #eirg

Acknowledgement

The e-IRG Workshop is organised within the framework of the Czech Presidency of the Council of the European Union by e-IRG and the e-IRG secretariat, with the support of CESNET, the Czech research and education network.