



sweden  
2023.eu

# e-IRG Workshop during the Swedish EU Presidency

## Session II: Cybersecurity and critical infrastructures

22. June 2023, 11:30 – 13:00 CET



**NORDUnet**  
Nordic Gateway for Research & Education



**e-IRG**  
e-Infrastructure  
Reflection Group



- 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](mailto:secretariat@e-irg.eu)**

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

e-IRG thematised the coordination among the European e-Infrastructures and the need for collaboration on various levels to realise the concept of the e-infrastructure Commons and its instantiation as the European Open Science Cloud [White Paper 2022]



## Program Committee

- Sverker Holmgren (SE, Chair)
- Malin Sandström (SE)
- Panos Agyrakis (GR)
- Paolo Budroni (AT)
- Stefan Hanslik (AT)
- Ignacio Blanquer (ES)
- Volker Beckmann (FR)
- Jan Wiebelitz (support programme)
- Fotis Karayannis (support programme)
- Michael Maragakis (support programme)
- Bernd Saurugger (support programme)

## Workshop Programme

**e-IRG 20 years Anniversary Session: Future of European e-Infrastructures**

Session I: **AAI coordination in the ERA and beyond**

Session II: **Cybersecurity and critical infrastructures**

Session III: **Coordination among generic and thematic infrastructures in the new ERA**



sweden  
2023.eu

## Session II: Cybersecurity and critical infrastructures



**NORDUnet**  
Nordic Gateway for Research & Education



**e-IRG**  
e-Infrastructure  
Reflection Group



# Context

The NIS-2 Directive pertains to safeguarding the security of *Vital Digital Infrastructures*, which are crucial for sustaining society.

These infrastructures encompass various industries such as healthcare, power generation and transmission, and with importance to e-IRG research and education. Specifically for research e-Infrastructures and in particular NRENs, the

NIS-2 Directive mandates that government agencies in the domain of Digital Infrastructures (e.g. those providing TLD management, DNS and Cloud computing service and Data centre services, and Trust services) should adhere to its requirements, meaning that most e-Infrastructures in the research domain fall under its purview.

The obligations set forth by the NIS-2 Directive are generally reasonable and expected as part of regular work, but it is crucial to document and demonstrate compliance. The NIS-2 Directive also requires regular audits of compliance, making it imperative for e-Infrastructures to be well-prepared. To this end, some essential steps e-Infrastructures can take include establishing contacts with their national government, appointing a coordinator for compliance and reporting, evaluating their current security baseline status, identifying their obligations under the NIS-2 Directive, and comprehending the necessary measures to bring their organization up to the required level.

# Agenda

Introduction into the topic  
NIS-2 Directive

**Svetlana Schuster**

GÉANT

**Alf Moens**

EGI

**Matthew Viljoen**

National infrastructure perspectives and  
impact on researchers

**Gilles Massen**  
**Christian Panigl**  
**Janos Mohacsi**

Panel discussion – Moderator: **Gilles Massen**



# Actors



- **Svetlana Schuster** (DG CNECT-H2)
- **Alf Moens** (GÉANT)
- **Matthew Viljoen** (EGI)
- **Christian Panigl** (ACONET, e-IRG, AT)
- **Janos Mohasci** (KiFü, e-IRG, HU)



Moderator of the Session:

- **Gilles Massen** (RESTENA, e-IRG, LU)

# Agenda

Introduction into the topic  
NIS-2 Directive

**Svetlana Schuster**

GÉANT

**Alf Moens**

EGI

**Matthew Viljoen**

National infrastructure perspectives and  
impact on researchers

**Gilles Massen**  
**Christian Panigl**  
**Janos Mohacsi**

Panel discussion – Moderator: **Gilles Massen**

**Session III: Coordination among generic (domain-agnostic) and thematic (domain-specific) infrastructures in the new ERA**  
this afternoon (14:00 – 16:00 CEST)

- 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](mailto:secretariat@e-irg.eu)

<http://e-irg.eu> - subscribe to the e-IRG mailing list

▪  [@eirgeu](https://twitter.com/eirgeu) [#eirg](https://twitter.com/eirgeu)

# Acknowledgement



The e-IRG Workshop is organised within the framework of the Swedish Presidency of the Council of the European Union by e-IRG and the e-IRG secretariat, with the support of Chalmers University, the Swedish research council and NORDUnet.

The e-IRG Support Programme e-IRGSP7 has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101057802

