

“Cyber security in the energy sector: The existing challenges & opportunities”

Wednesday 17 November 2021 - From 10:00 to 15:00 CET

Microsoft Teams Meeting



Q&A sessions will be organized after each presentation to enable you to interact with our experts and explore further the points of your interest.

The time is indicated in CET (GMT / UTC +1)

Teams meeting organised in 2 parts

10:00-12:20 **Data Exchange** Data communication & data transmission protocols
12:45-15:00 **Cyber Security** NIS Directive, Cyber Sec Network Code for Gas

9:45 CET - Registrations & Technical checks

9:55 – 10:00 CET | Opening remarks

By Hendrik Pollex | System Operation Director, ENTSOG

10:00 - 12:20 CET | Data exchange

ENTSOG's vision & developments 10:00 – 10:15

By Douglas Hill | Adviser, Interoperability & Data Exchange, ENTSOG

Challenges harmonising exchange protocols: GIE's vision & developments

10:15 – 10:45

David Defour | Chief Technology Officer

Bogdan Simion | Data Analytics Advisor, GIE

Technology Standards Working Group | EASEE-gas 10:45-11:00

Agreement Update Specification Review on an ENTSOG AS4 profile extension

Dirk Serruys | IT Operations Manager at Fluxys N.V.

Update on EASEE-connect 11:00-11:15

Wim De Olde | ICT Architect at Gasunie

11:15 – 11:30 Coffee break

GRT gaz an application of AS4 11:30 – 11:45

BeeCube, the B2B platform for AS4 exchange | Marc Duhamel

Practical use of the edig@s format - Current and Future (EASEE-gas) 11:45-12:00

Usage of Edig@s | Jarle Rønnevik

System operations with EDIG@S 12:00-12:15

Oliver Schirok | Data Exchange Manager Gas bei VNG Handel & Vertrieb GmbH

Questions & Answers 12:15-12:20

Moderated by Douglas Hill | Adviser, Interoperability & Data Exchange, ENTSOG

12:20 – 12:45 Lunch Break

12:45 - 15:00 CET | Cyber Security

Setting the scene: The Colonial pipeline attack 12:45-13:00

Hendrik Pollex | System Operation Director, ENTSOG

A potential Gas & Hydrogen Cyber security NC 13:00-13:30

Stefano Bracco | Knowledge Manager, ACER

Three real cases of cyber incidents in SNAM: 13:30-13:45

- **CEO Fraud**
- **Potential Ransomware Infection**
- **Supply Chain Attack**

Lucrezia Tunesi | Cyber Security analyst at SNAM

A review of the NIS 1.0 and NIS 2.0 Directive and the implications for the gas sector

Stefano Mele | Lawyer and Cyber Security Expert **13:45-14:00**

Future cyber security and challenges in the gas sector 14:00-14:15

Andrea Chittaro | Head of Global Security & Cyber Defense Department, SNAM

Questions & Answers 14:15- 14:20

Moderated by Douglas Hill | Adviser, Interoperability & Data Exchange, ENTSOG

Closing remarks 14:20-14:30

Hendrik Pollex | System Operation Director, ENTSOG