



**TPEB CR**

**„2nd ERNCIP Conference“**

Brussels 16. – 17.4. 2015



# TPEB

- ▶ Unique non-profit public-private-partnership body established by the Czech Ministry of Industry and Trade and the Economic Committee of the Czech Parliament
- ▶ Membership Structure
  - leading national energy companies, companies administrating energy distributing networks and lines, IT and communication companies, financial institutions
  - public bodies including Ministry of Internal Affairs, Fire Rescue Service of the Czech Republic, Ministry of Industry and Trade, or Czech Office for Standards, Metrology, and Testing
  - leading Czech technical universities and research institutions

# Mission

- ▶ Instigates cooperation among the aforementioned three pillars in the area of CIP
- ▶ Stimulates legislative and standardisation processes
- ▶ Organizes R&D projects consortia
- ▶ Mediates the interaction between the public bodies' and private sector's security-related needs, R&D capabilities and potential
- ▶ Organizes expert and public events raising awareness about the CIP agenda

# Capabilities

- ▶ Cooperation with the Economic Committee and Security Committee of the Czech Parliament
- ▶ Involvement of the leading Czech and Slovak energy companies (national as well as private), including providers and distribution companies and administrators
- ▶ Public outreach – Czech Republic, V4/Central Europe (including the Czech/regional channels in the EU and NATO)
- ▶ “Package” connections between the leading Czech research institutions and industrial partners
- ▶ Standardisation expertise

# Formed Project Consortia

## ▶ H2020 consortia

- Smart communication technologies
- CBRN incident response
- Education & Research cooperation in the area of communication technology

## ▶ V4 Fund projects

- Stimulation of R&D cooperation

## ▶ National programs

- National CIP – identification and challenges

# Central European Hub

- ▶ CIP Agenda for the V4 Czech Presidency
  - V4 CIP
  - Cyber Act (Czech experience)
    - Implementation
    - Compliance
  - Security of SCADA systems, Smartgrids and Smartmeters
    - Technical analysis of vulnerabilities
    - Formulation of security standards
    - Detection systems
  - Blackout

# ERNCIP Contribution

- ▶ Cyber Act
  - Implementation and compliance experience
- ▶ Professionals Education and Training Activities
- ▶ Czech involvement in technical and expert groups
- ▶ Utilisation of the Czech laboratories and testing infrastructure

# Best Practises of the Czech TSO

Bilateral, regional and European cooperation of transmission system operators (TSOs)

- Bilateral – common cross-border exercises HORIZON 2012, DRILL 2014
  - Unique experience concerning improvement of cooperation with fire brigades, rescue services, police and army
  - Involvement of local and regional authorities (crisis communication and management, preparation of crisis plans – „blackout“)
- Regional – TSC Security Cooperation - Security cooperation between TSOs as an initiative for fostering regional European cooperation concerning the safety and security of transmission systems both in the countries concerned and Europe as a whole.
- European - ENTSO-E – WG Critical System Protection



# Conclusion

- ▶ Following the CIP Directive the Czech Republic and Slovakia registered roughly 50% of the identified EU CIP elements.
- ▶ Based on our capabilities and references we are prepared to participate in EC activities and also provide a Central European Hub.
- ▶ We believe that Sustainability, Competitiveness rests in an internal balance in the EU – the strength of the chain is measured by the strength of its weakest link.

# Thank you for Your attention



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