



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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