

**Critical Infrastructure Protection & Resilience Asia –
Developing resilient infrastructure for a secure future**

Abstract for Florian Haacke's Presentation

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Abstract Title: Business Resilience 2.0 – How to manage the necessary shift from physical to Cyber Security

Abstract:

As one of Europe's leading energy providers RWE faces a variety of security risks. The convergence of physical and Cyber Security risks has led to a broad and complex risk landscape. Digitalisation is one major trend in the energy business, which has resulted in a shift from physical to Cyber Security.

The German IT Security Law, adopted on 25th July 2015, requires operators of critical infrastructure to ensure a minimum security standard and establish 24/7 security availability on which reports of critical incidents are captured and sent to relevant governmental bodies. Continuous and successful information sharing with public authorities, such as the Federal Network Agency or the Federal Ministry of the Interior, are a basic and necessary requirement of this.

On a European level the Network and Information Security Directive (NIS) provides legal measures to boost the overall level of Cyber Security in the EU by increasing the Cyber Security capabilities, by enhancing cooperation on Cyber Security and by ensuring a high level of risk management practices in key sectors.

Within this presentation the audience will learn about the requirements of the German IT-Security Law and the European NIS Directive and what it takes to fulfill these. Furthermore, the audience will hear how RWE Group Security is managing the necessary shift from physical to Cyber Security in order to ensure a 360° view on both, physical and Cyber Security for a critical infrastructure business.