

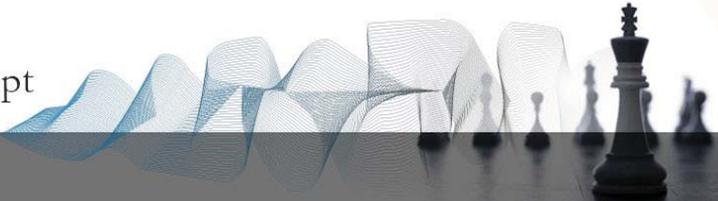


**RISKS TO CRITICAL ENERGY
INFRASTRUCTURE
AND OTHER EMERGING CHALLENGES:
NATO'S APPROACH**

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NATO's New
Strategic
Concept



NATO's Strategic Concept (2010): "All countries are increasingly reliant on the vital communication, transport and transit routes on which international trade, energy security and prosperity depend. They require greater international efforts to ensure their resilience against attack or disruption. (...) As a larger share of world consumption is transported across the globe, energy supplies are increasingly exposed to disruption"



NEW CHALLENGES TO CRITICAL ENERGY INFRASTRUCTURE PROTECTION

- More energy consumption globally – more reliance on CEI
- Stronger dependency on CEI – more vulnerabilities
- Higher security costs
- Terrorists adapt to CEI protection systems
- Pirates change their tactics – avoid protected areas
- Cyber criminals learn new ways to compromise CEI IT systems
- Natural disasters more frequent, unpredictable



NATO'S ANSWER TO EMERGING CHALLENGES

Strategic Concept (2010): NATO will “develop the capacity to contribute to energy security, including protection of critical energy infrastructure and transit areas and lines, cooperation with partners, and consultations among Allies on the basis of strategic assessments and contingency planning”



NATO AND ENERGY SECURITY AFTER THE LISBON SUMMIT

CEI protection remains one of NATO's core activities in the area of energy security

A stable and reliable energy supply, diversification of routes, suppliers and energy resources, and the interconnectivity of energy networks, remain of critical importance.

Lisbon Summit Declaration (2010): "in advancing our work, we will enhance consultations and cooperation with partners and other international actors, as agreed, and integrate, as appropriate, energy security considerations in NATO's policies and activities"



POSSIBILITIES TO IMPROVE CEI PROTECTION

- **Stronger Public-Private Partnership and Good Governance**
 - Promoting public-private partnerships contribute to better awareness of critical energy infrastructure vulnerabilities
 - Good governance in the field of critical energy infrastructure management lead to better use of investments into CEI and its protection
- **Energy Efficiency and Diversification**
 - There is a strong link between energy efficiency and energy infrastructure protection. Increased energy efficiency reduces stress on infrastructure and saves efforts needed to protect overloaded energy infrastructure installations
 - Diversify – not only energy routes and suppliers, but also sources



Thank you for your attention!

