LLM4CIP

AI-Powered Cybersecurity for Europe's Critical Infrastructures

LLM4CIP (LLM-Powered Cybersecurity Preparedness and Risk Mitigation for Critical Infrastructure Protection) **strengthens Europe's cybersecurity resilience** by using Large Language Models (LLMs) to support critical infrastructure operators.

The project tackles one of Europe's biggest challenges: the shortage of skilled cybersecurity professionals.

To address this, LLM4CIP develops a digital assistant powered by AI which helps even non-specialist staff **simulate, detect, analyse, and respond** to cyber incidents.

The platform will support the **EU's NIS2 Directive**, enabling better resilience, risk analysis, and real-time decision support across Europe's critical infrastructures.