

Sealed GRID

Scalable, trustEd, and interoperAble pLatform for
sEcureD smart GRID

**Mission: Developing and implementing a scalable,
highly trusted, and interoperable Smart Grid security
platform**

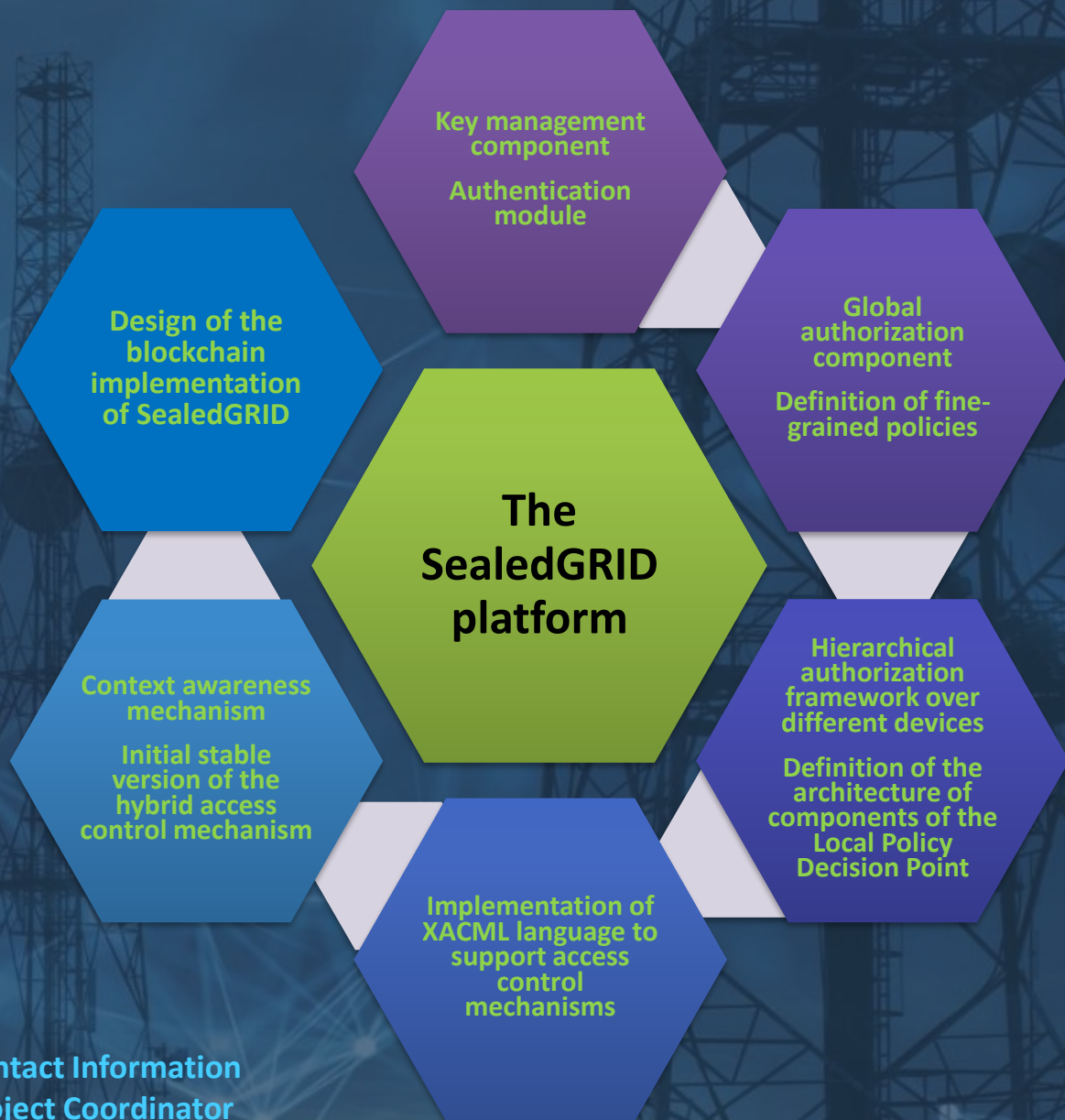
Objectives

- Preserving the quality of service
- Advanced security features in legacy equipment
- Provide protection mechanisms
- Design and implementation of:
 - Trusted computing component:
 - Root-of-trust
 - Trustworthiness
 - Secure application execution mechanism
 - Sensitive data privacy preservation exchanged among SealedGRID entities:
 - Trust establishment mechanism
 - Data protection mechanism
 - security interoperability:
 - Derivation and deployment of Single Sign-On (SSO) protocols
 - Enhancing the security of SSO protocols



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Progress of the SealedGRID project



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