

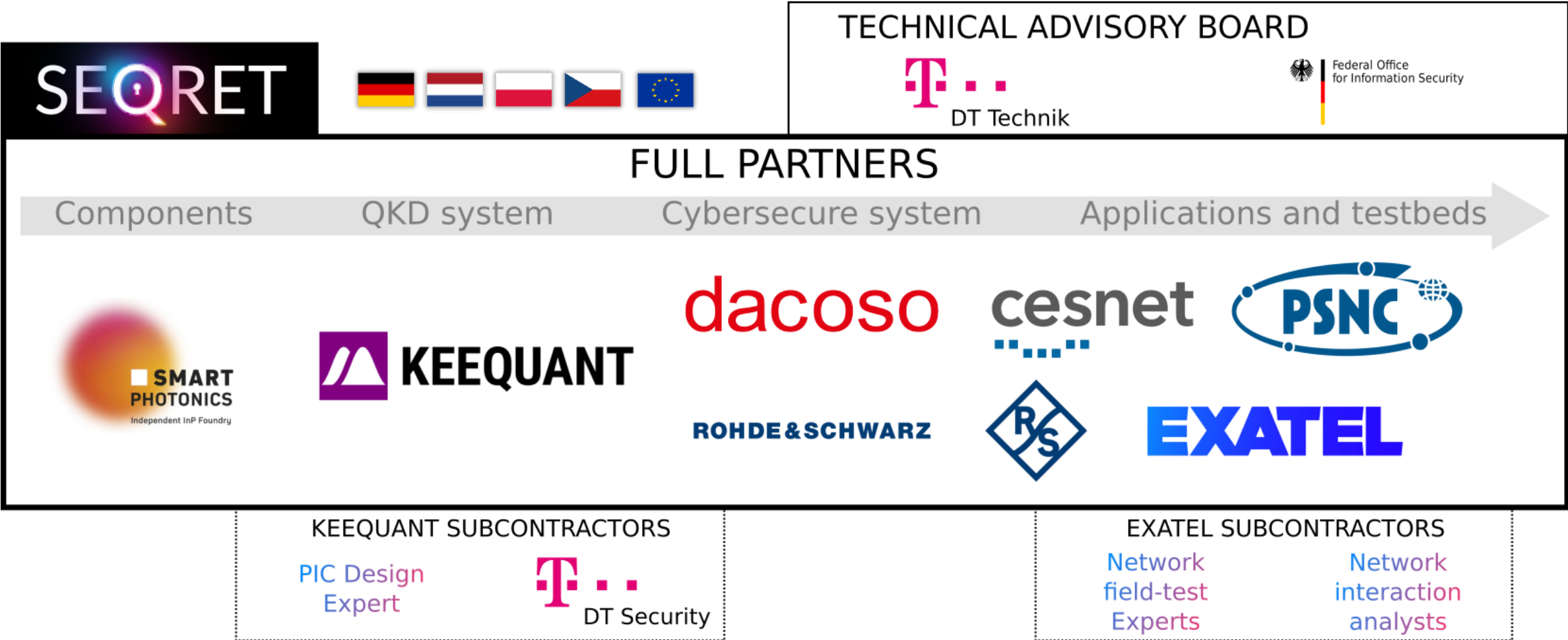


The SEQRET project within the Digital Europe Programme

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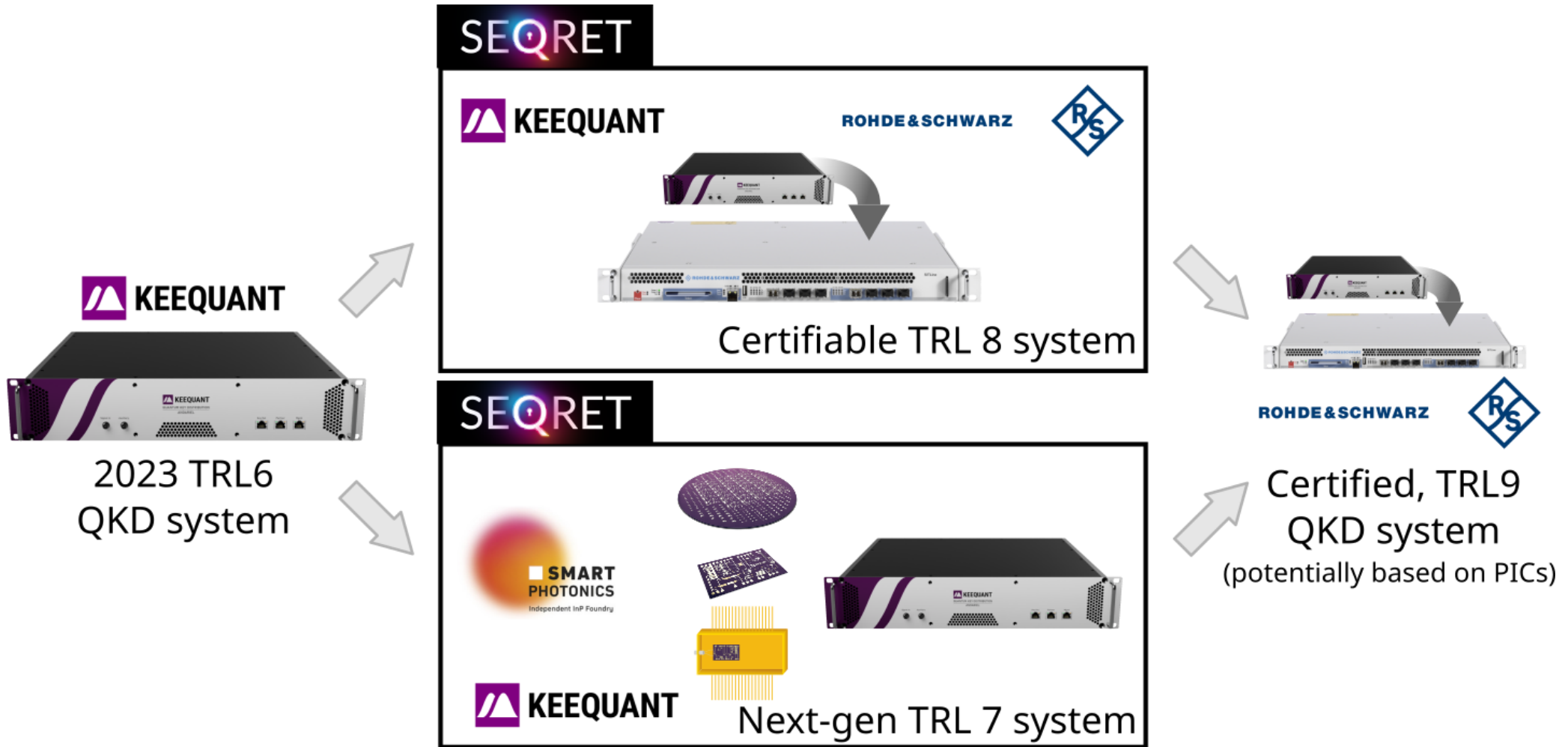
Consortium



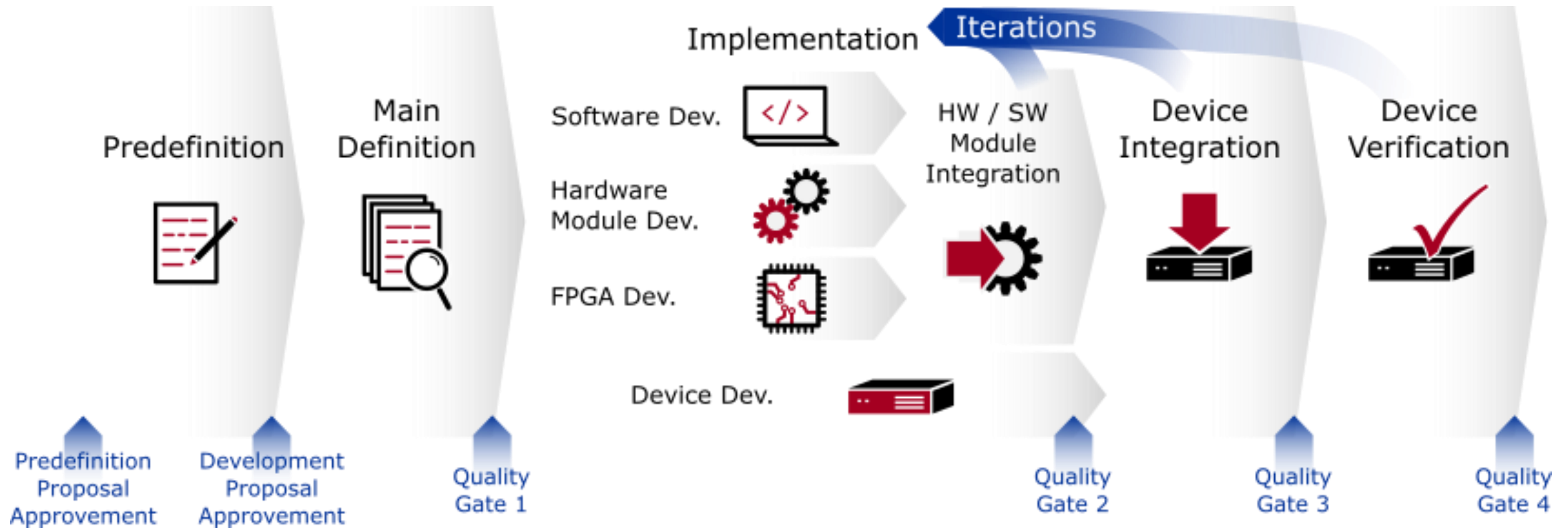
Goals

- **Industrial Quantum Key Distribution System (TRL 8)**
- **Next-gen QKD system using integrated photonics (TRL 7)**
- **QKD made ready for certification**
- **Full network system integration**

System development overview



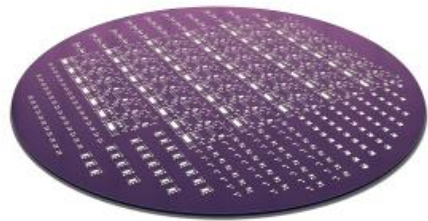
Industrial QKD system (TRL 8)



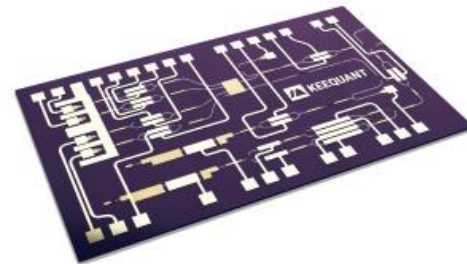
Next-gen PIC-based QKD system (TRL 7)



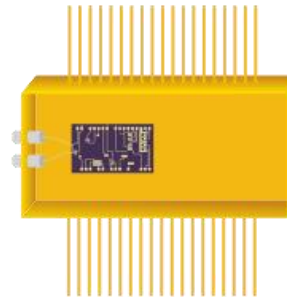
Wafer fabrication & tolerance simulation



Photonic Chip characterization & test

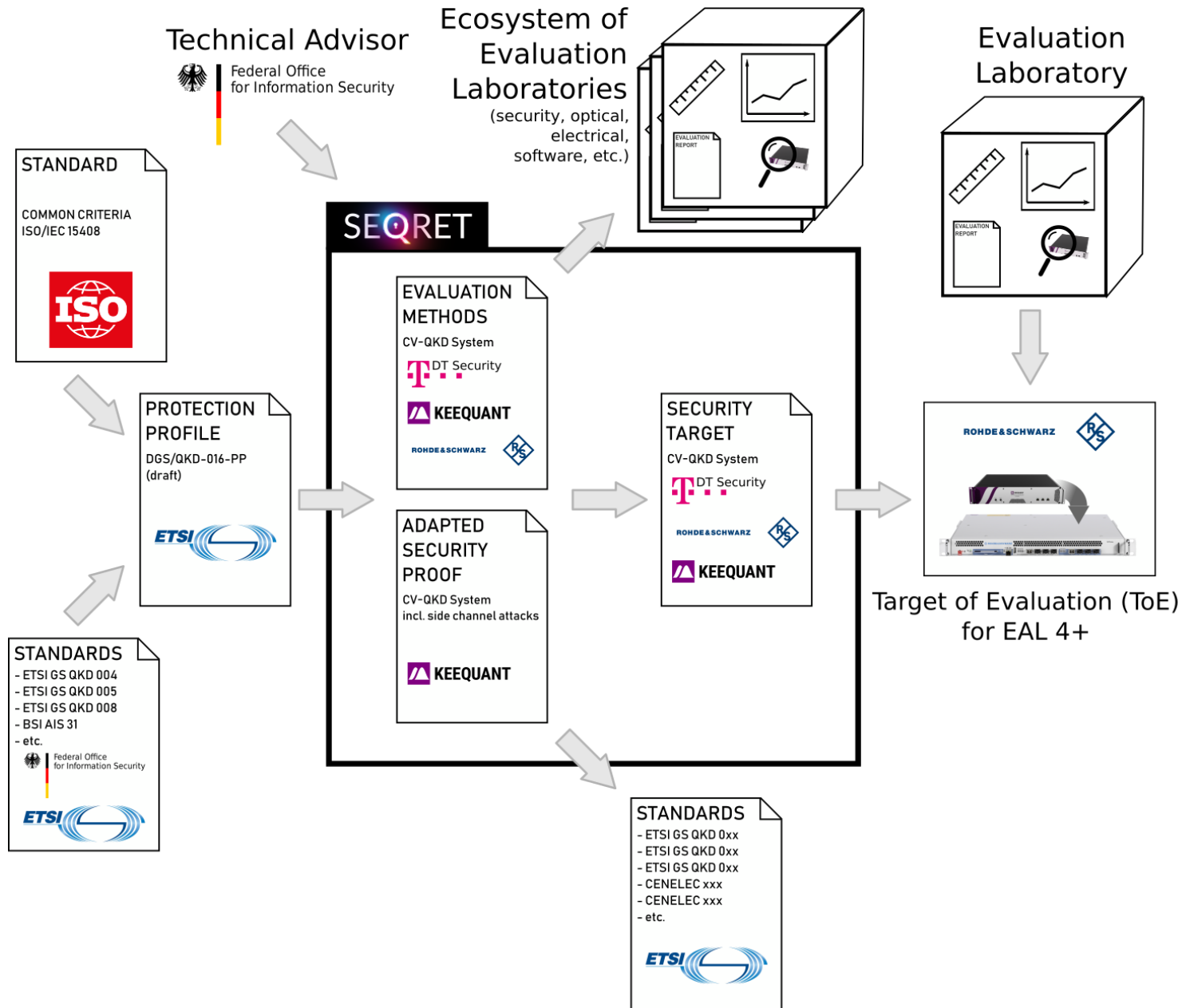


PIC Packaging

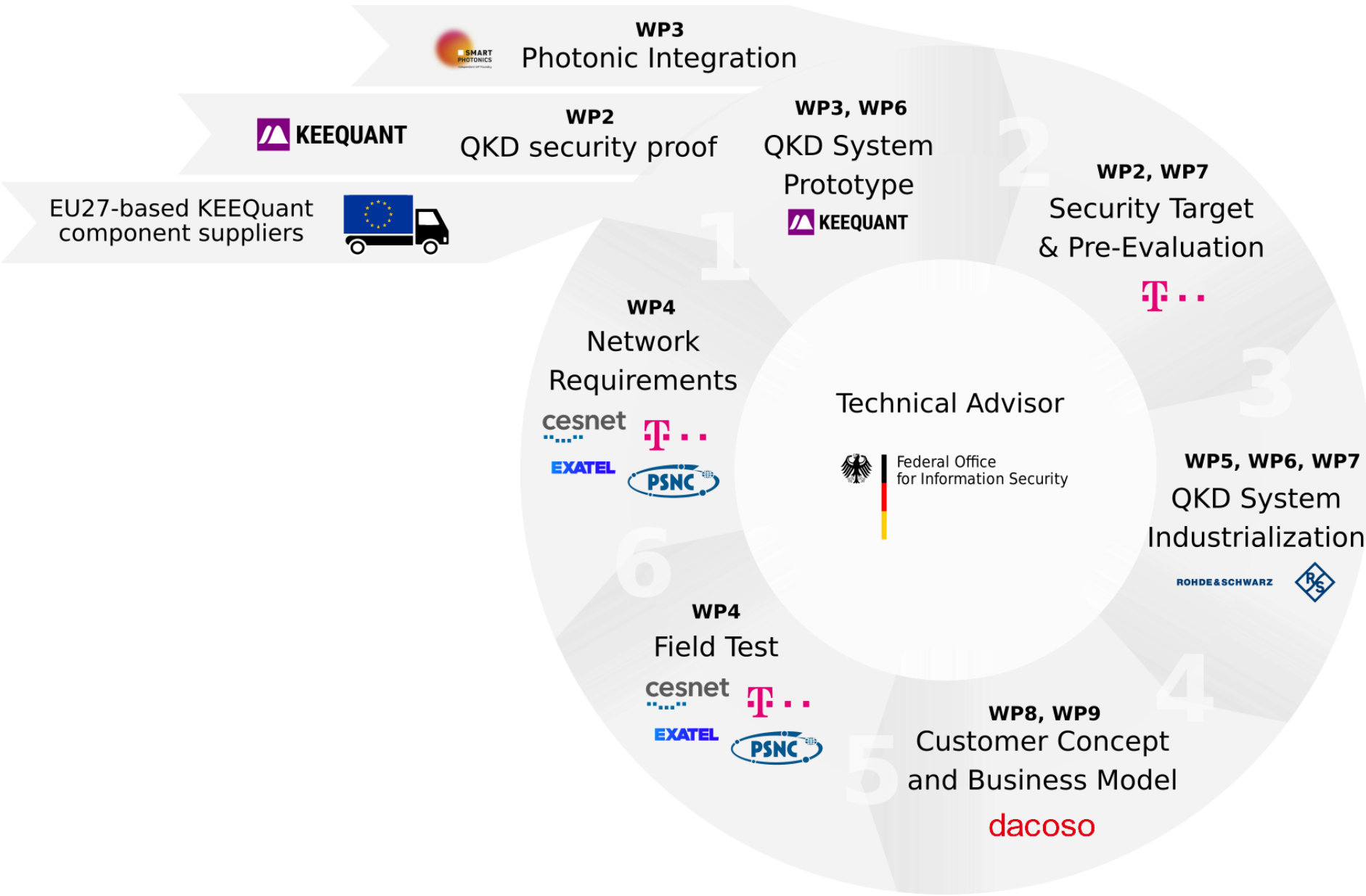


PIC in-system testing





QKD made ready for certification



Project Structure

SEQRET



Funded by
the European Union

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