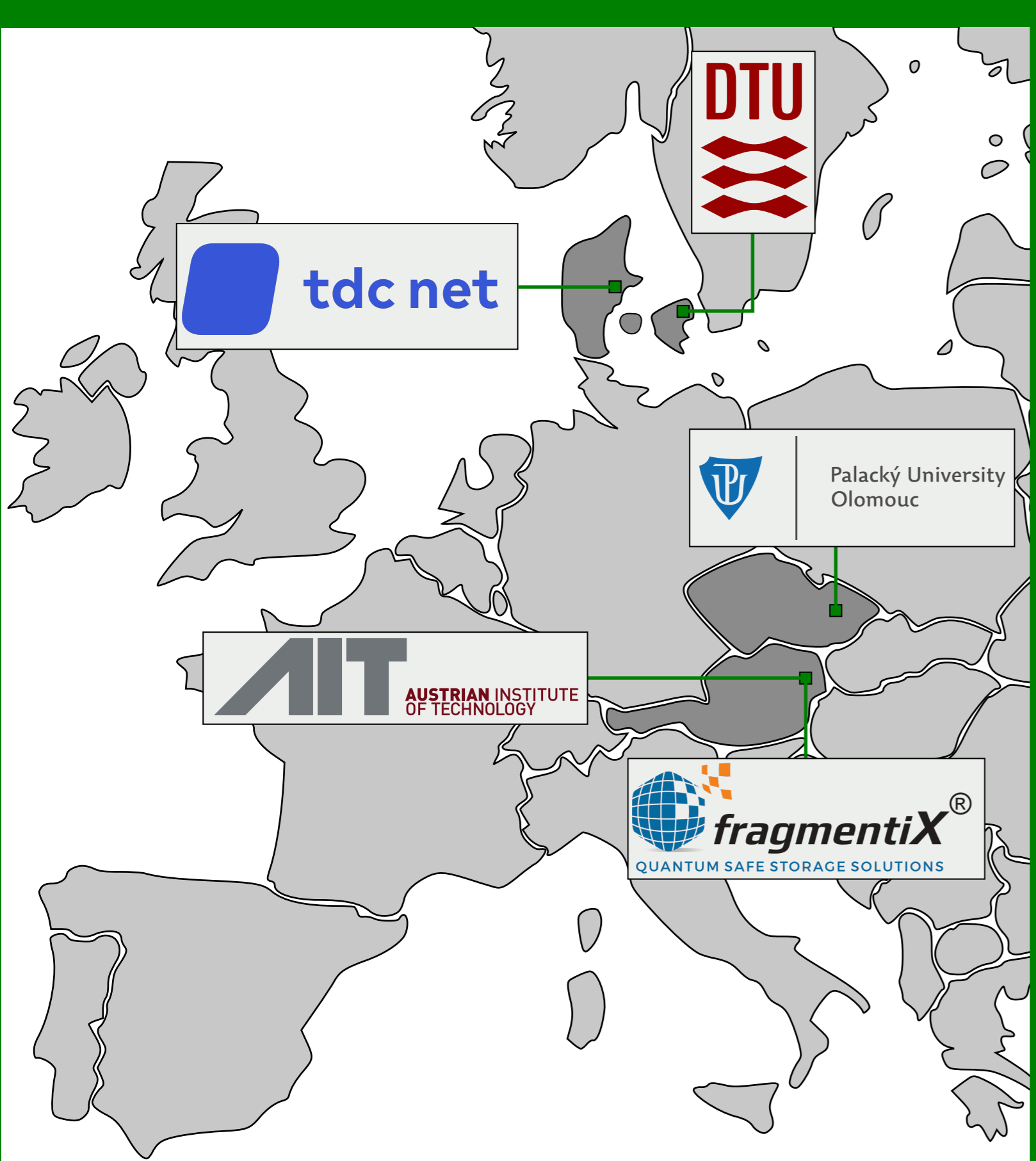


Consortium

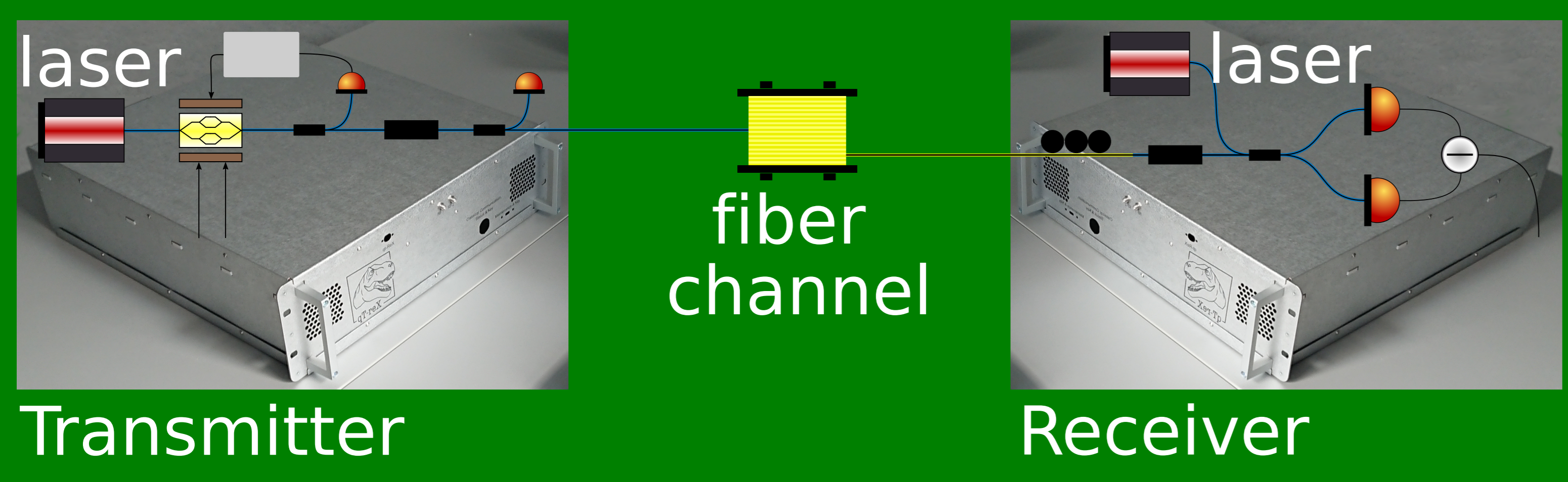


Project Vision

- Development of multi-user quantum key distribution:
 - coherent states
 - squeezed states
 - different collaborative scenarios
 - security proofs
 - prototypes
- Use-case demonstrations:
 - fronthaul traffic in mobile networks
 - distributed data storage

Continuous-Variable QKD

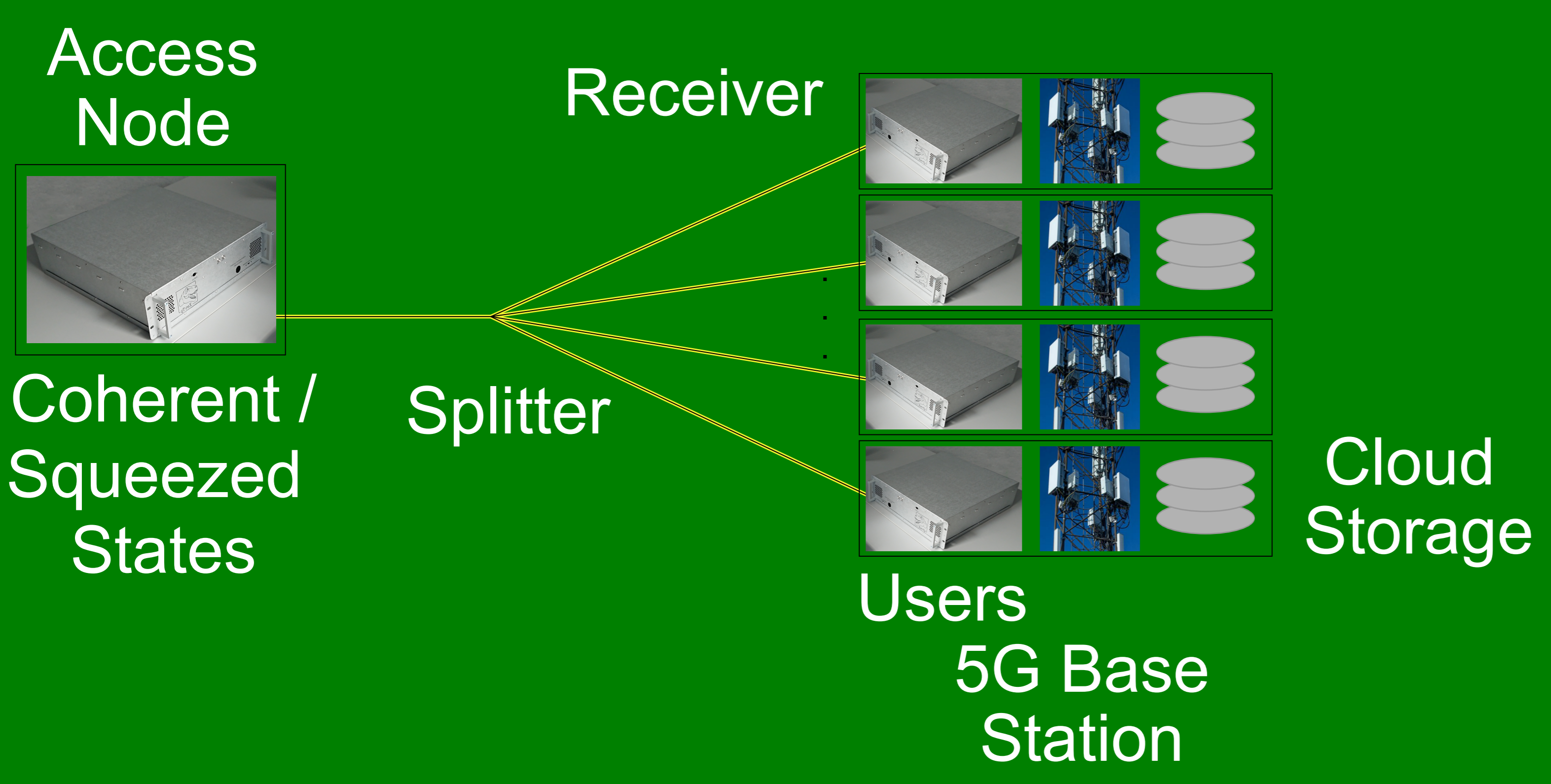
Coherent state QKD system for generating secret keys between two users



Facts

2022 - 2025
 1.25 MEur
 Coordinator:
 Tobias Gehring,
 DTU

Multi-User QKD



- different network topologies
- cooperating users
- lab demonstrations
- demonstrations in the field