



6G SNS



PRIVATEER
Privacy-first Security Enablers
for 6G networks

PRIVATEER PROJECT – BRIEF OVERVIEW

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THE PRIVATEER PROJECT

Proposal title

PRIVATEER: Privacy-first Security Enablers for 6G Networks

Topic identifier

HORIZON-JU-SNS-2022-STREAM-B-01-04: Secure Service development and Smart Security

Coordinator

Space Hellas S.A.

Consortium

13 organizations, 6 countries – 6 RTOs, 3 Industries, 3 SMEs, one Association

Total budget

5.05 M€

Duration

36 months (January 2023 – December 2025)

OUR CONSORTIUM



Space Hellas S.A. (Coordinator)



NCSR "Demokritos" (Tech Mgr)



Telefonica I+D



RHEA System BV



INESC TEC



Infili Technologies SA



Ubitech Limited



U. Complutense de Madrid



Inst. Comm. & Comp. Systems



Forsvarets Forskninginstitut



Iquadrat Informatica SL

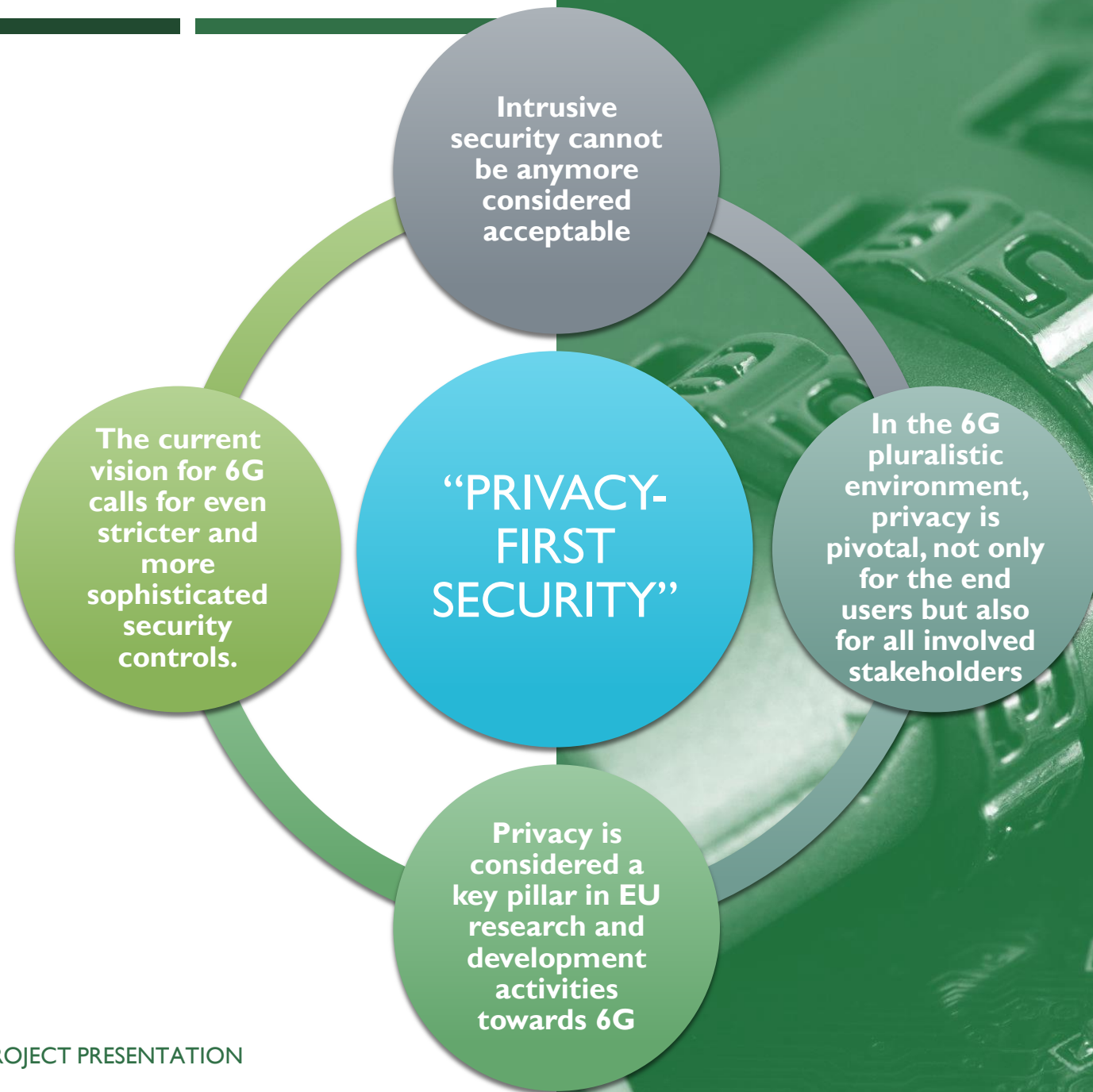


Inst. Politecnico do Porto



ERTICO ITS

MOTIVATION AND CONCEPT



PROJECT MISSION

The mission of PRIVATEER is to pave the way for 6G “privacy-first security” by studying, designing and developing innovative security enablers for 6G networks, following a privacy-by-design approach.

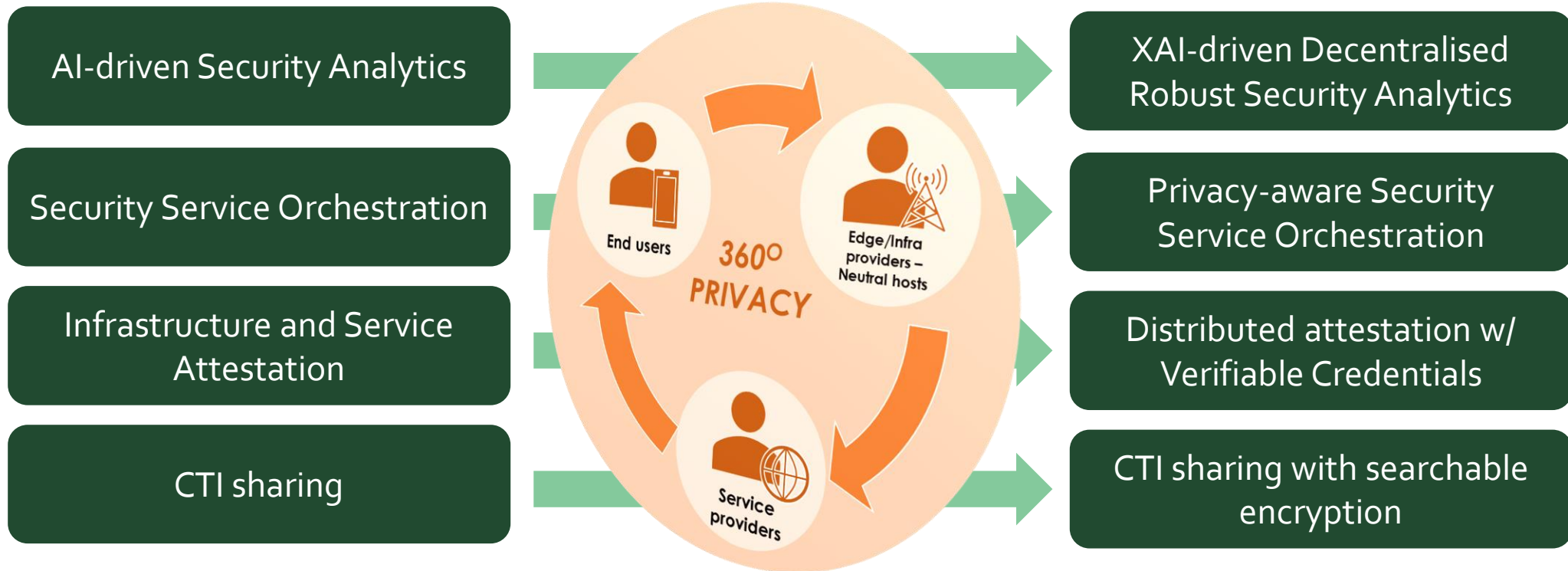
Overall result: PRIVATEER security framework (TRL4/5) integrated and deployed in a 5G+ campus testbed, verified against vertical use cases



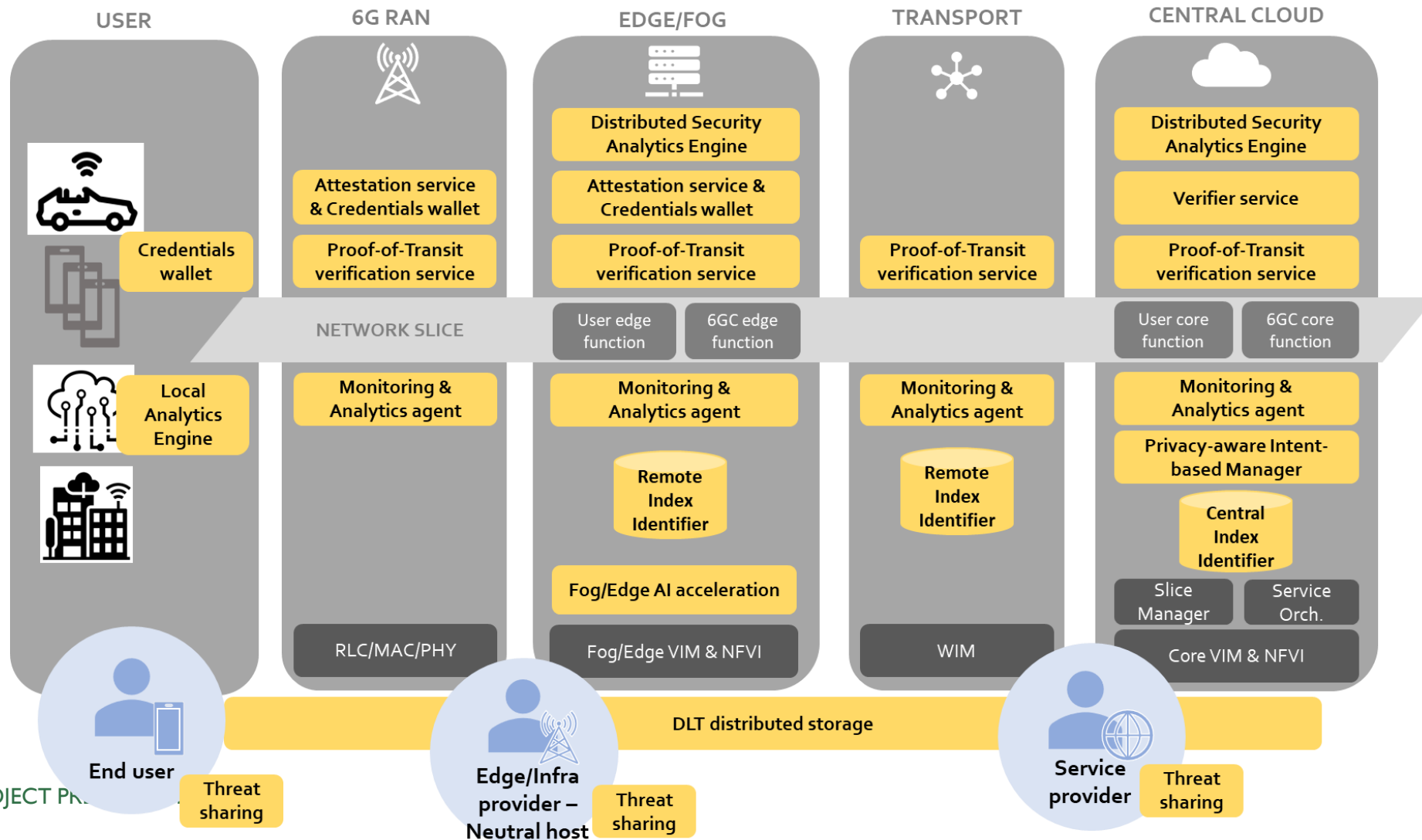
THE TECHNICAL PILLARS OF PRIVATEER

From 5G security...

...to 6G "privacy-first" security



HIGH-LEVEL ARCHITECTURE



USE CASES & SCENARIOS

ITS scenarios



S1: Edge service compromise

**S2: Privacy-friendly security
service orchestration for
logistics**

**S3: Verification of mass
transportation application**

Smart City scenarios

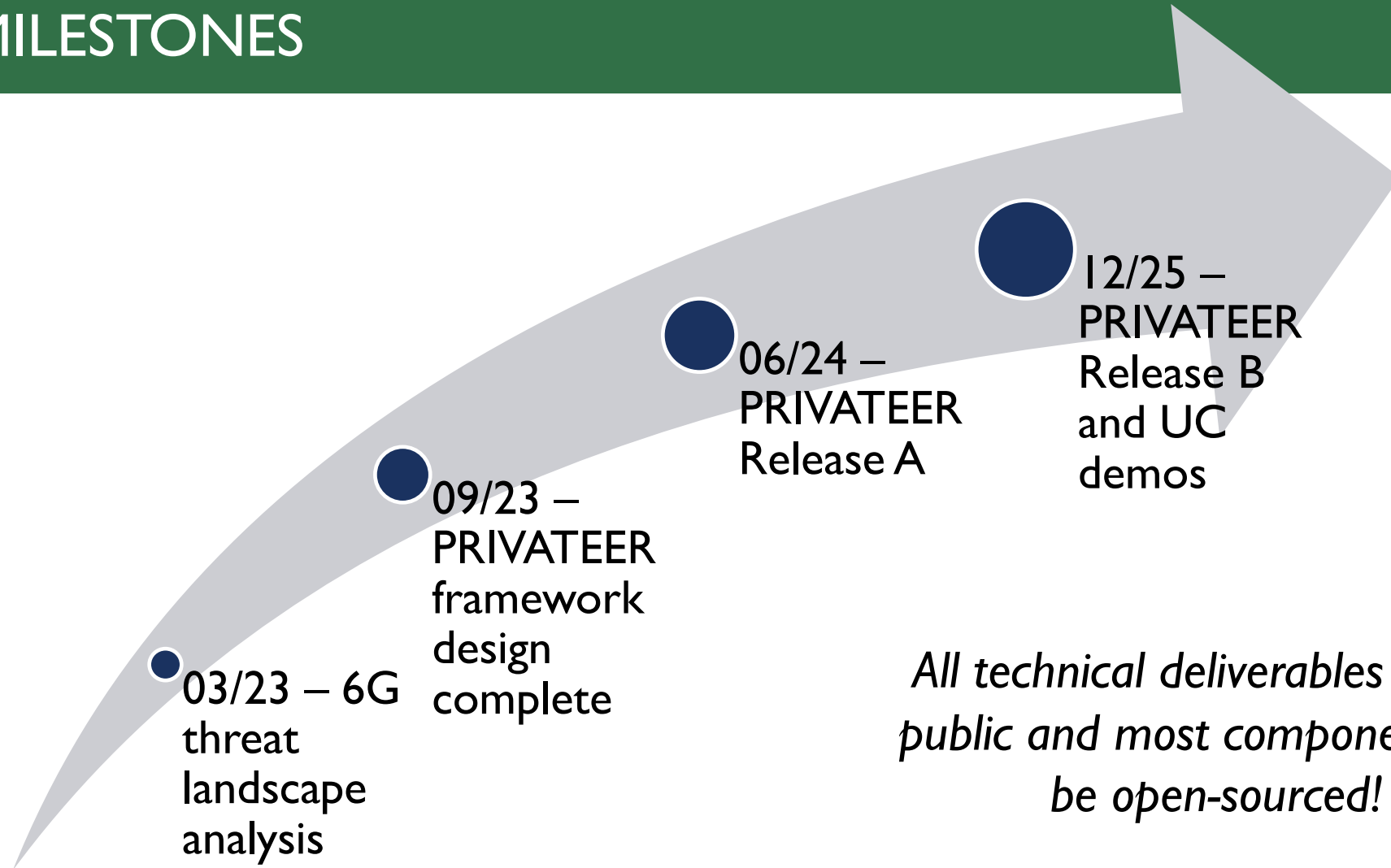


**S4: Onboarding of a “neutral
host” edge network**

**S5: Multi-domain infrastructure
verification for a new 6G smart
city app**



KEY MILESTONES



All technical deliverables will be public and most components will be open-sourced!

FOLLOW US!



<https://www.privateer-project.eu/>



“PRIVATEER 6G-SNS”



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PRIVATEER
Privacy-first Security Enablers
for 6G networks

THANK YOU FOR YOUR ATTENTION!

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