SPARTA

Legend:
- University
- RTO
- Company / SME
- Centre
- Gov/Auth

A STRONG BASIS OF EXCELLENCE
44 partners spanning academia, industry, institutions, grassroots
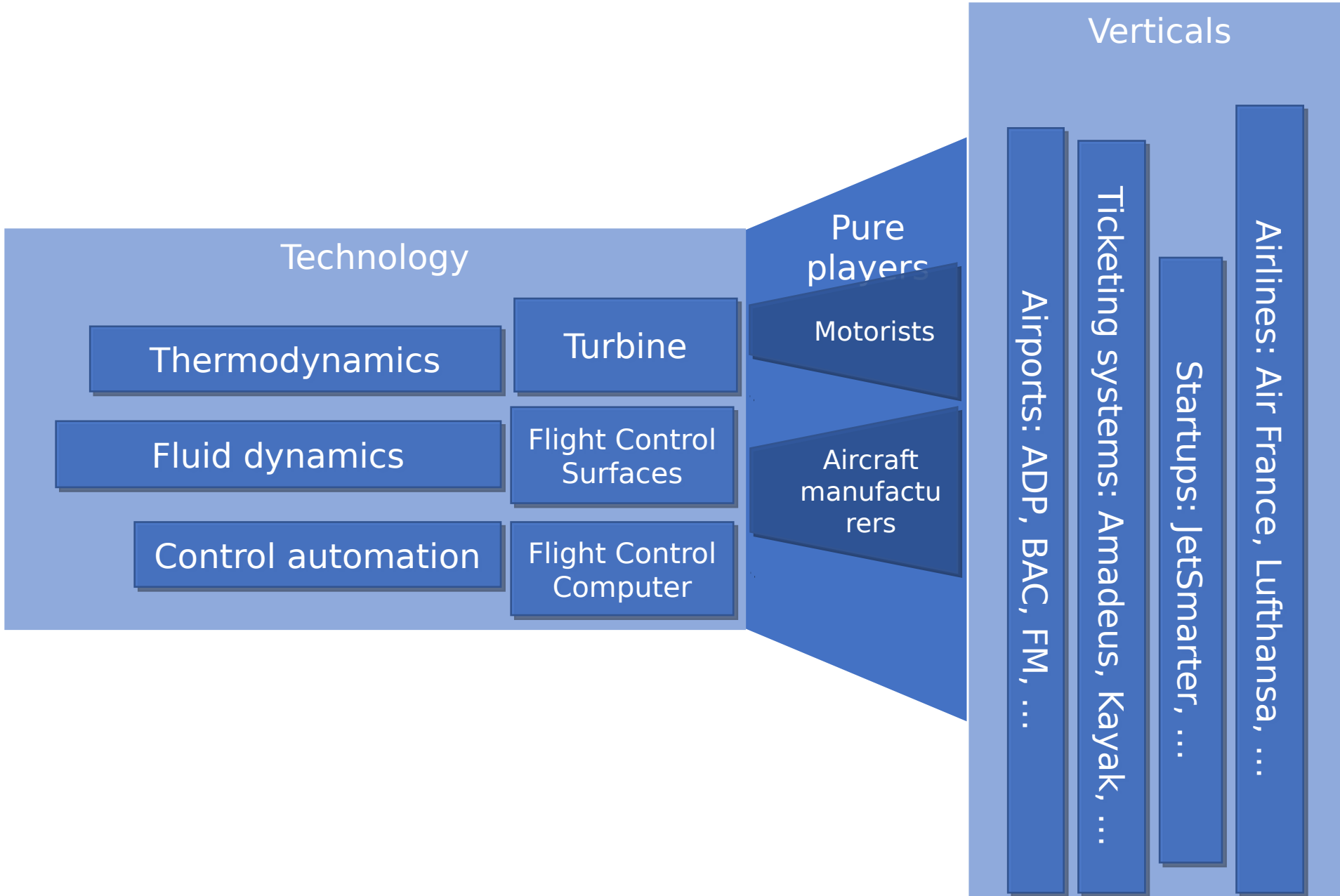Pragmatically anchored in member states

STRATEGIC PROGRAMS
Multilevel supervision
Continuous and flexible evaluation
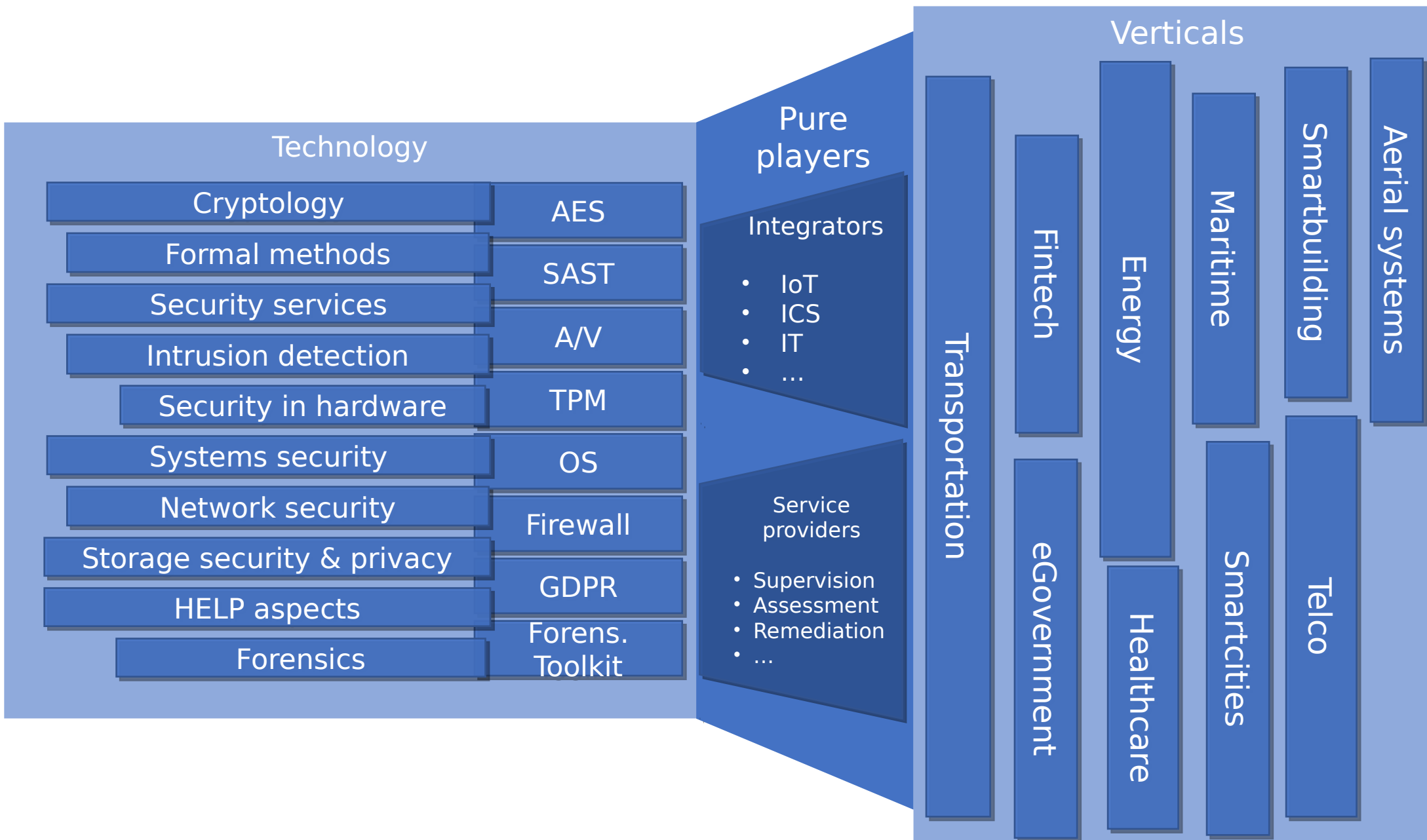Trustworthy intelligent infrastructures
Fair and secure AIs

THE STAKES OF EUROPEAN AUTONOMY
Design a long-term roadmap and network of competence centers

Partners on map:

- EE UTARTU — Tartu Ülikool — University
- LV LMT — Latvijas Mobilais Telefons — Company
- LT KTU — Kauno Techno. Universitetas — University
- LT L3CE — Liet. kiber. nusik. komp. ir tyr. centr. — Centre
- LT LKA — Lietuvos Karo Akademija — University
- LT MRU — Mykolo Romerio Universitetas — University
- BE CETIC — Centre d'Excel. en TIC — RTO
- BE UNAM — Université de Namur — University
- LU LIST — Luxemb. Inst. of Science and Tech. — RTO
- LU SML — Securitymadein.lu — Gov/Auth
- LU UNI — Université du Luxembourg — University
- DE FTS — fortiss — RTO
- DE FHG — Fraunhofer (ISI) — RTO
- DE SAP — SAP Software Solutions — Company
- DE TUM — Technische Univ. München — University
- DE UBO — Universität Bonn — University
- DE UKON — Universität Konstanz — University
- PL ITTI — ITTI — SME
- PL NASK — Naukowa i Akad. Sieć Komputerowa — RTO
- PL PPBW — Polska Platforma Bezp. Wewnętr. — Centre
- CZ CESNET — CESNET — RTO
- CZ BUT — Vysoké Učení Technické v Brně — University
- CZ NIC — CZ.NIC — Gov/Auth
- FR CEA — Commissariat à l'Énergie Atomique — RTO
- FR ANSSI — Agence Nationale de la SSI — Gov/Auth
- FR IMT — Institut Mines Telecom — University
- FR INRIA — Inria — RTO
- FR TCS — Thales — Company
- FR YWH — Yes We Hack — Company
- AT JR — Joanneum Research — RTO
- AT TNK — Technikon — SME
- PT INOV — INOV — RTO
- PT IST — Instituto Superior Técnico — University
- ES EUT — Eurecat — RTO
- ES INDRA — Indra — Company
- ES TEC — Tecnalia — RTO
- ES VICOM — Vicomtech — RTO
- IT CINI — Cons. Interuniv. Naz. per l'Informat. — University
- IT CNIT — Cons. Naz. Interuniv. Telecom. — University
- IT CNR — Consiglio Naz. delle Ricerche — RTO
- IT ISCOM — Ist. Sup. del Com. e del Tecno. — Gov/Auth
- IT LEO — Leonardo — Company
- EL KMR — Κέντρο Μελετών Ασφάλειας — Gov/Auth
- EL NCSR — Demokritos — RTO

SPARTA

Technology

Thermodynamics

Fluid dynamics

Control automation

Turbine

Flight Control Surfaces

Flight Control Computer

Pure players

Motorists

Aircraft manufacturers

Verticals

Airports: ADP, BAC, FM, …

Ticketing systems: Amadeus, Kayak, …

Startups: JetSmarter, …

Airlines: Air France, Lufthansa, …

SPARTA

Multilevel supervision

- R&I project : no cyber range developement, but research to provide enablers
- Threat Intelligence
- Use and identification of cyber ranges
- Definition of a cyber ranges catalogue fully labeled with categories
  - handle complexity of cybersecurity threats
  - deal with early cyber attacks' kill chain phases
  - develop methods and solutions for prediction and awareness- and knowledge-based cybersecurity management
  - exchange of Threat Intelligence information between sharing partners and the actionability on such data regarding the GDPR

Continuous and flexible evaluation

- R&I project : no certification, but research to provide enablers
- Assessment is a key aspect of certification, yet it is not scaling up to handle modern digital systems
  - develop more agile assessment and certification frameworks, similar to agile development
  - automation, supporting developers in writing requirements and executing tests
  - assessing systems of systems, beyond individual components, and modularizing assessment to enable assessment of complex systems and services
  - lifetime dynamicity of environments who may have long lifespans, but where individual components might be replaced or upgraded
  - execution elasticity, particularly for services

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