

Partners

- 1 **CEA (Coordinator)**
France
- 2 **Joanneum Research**
Austria
- 3 **Technikon**
Austria
- 4 **CETIC**
Belgium
- 5 **UNamur**
Belgium
- 6 **CESNET**
Czech Republic
- 7 **Brno University of Technology**
Czech Republic
- 8 **CZ.NIC**
Czech Republic
- 9 **Fortiss**
Germany
- 10 **Fraunhofer-Gesellschaft**
Germany
- 11 **SAP**
Germany
- 12 **Technische Universität München**
Germany
- 13 **Universität Bonn**
Germany
- 14 **Universität Konstanz**
Germany
- 15 **University of Tartu**
Estonia
- 16 **KEMEA**
Greece
- 17 **Demokritos**
Greece
- 18 **Fundacio Eurecat**
Spain
- 19 **Indra**
Spain
- 20 **Fundacion Tecnalia**
Spain
- 21 **Fundation Vicomtech**
Spain
- 22 **ANSSI**
France
- 23 **IMT**
France
- 24 **Inria**
France
- 25 **Thales**
France
- 26 **Yes We Hack**
France
- 27 **CINI**
Italy
- 28 **CNIT**
Italy
- 29 **CNR**
Italy
- 30 **ISCOM**
Italy
- 31 **Leonardo**
Italy
- 32 **Kauno Technologijos Universitetas**
Lithuania
- 33 **L3C3**
Lithuania
- 34 **The general Jonas Zemaitis Academy of Lithuania**
Lithuania
- 35 **Mykolo Remerio Universitetas**
Lithuania
- 36 **Luxembourg Institute of Science and Technology**
Luxembourg
- 37 **Security made in Lëtzebuerg**
Luxembourg
- 38 **Université de Luxembourg**
Luxembourg
- 39 **Latvijas Mobilais Telefons**
Latvia
- 40 **ITTI**
Poland
- 41 **Naukowa i Akademicka siec Komputerowa**
Poland
- 42 **Polish Platform for Homeland Security**
Poland
- 43 **INOV**
Portugal
- 44 **Instituto Superior Tecnico**
Portugal

Facts



Budget

€ 16 Million
100% H2020 funded



Consortium

44 Partners
14 Countries



Duration

36 Months
02/2019 - 01/2022



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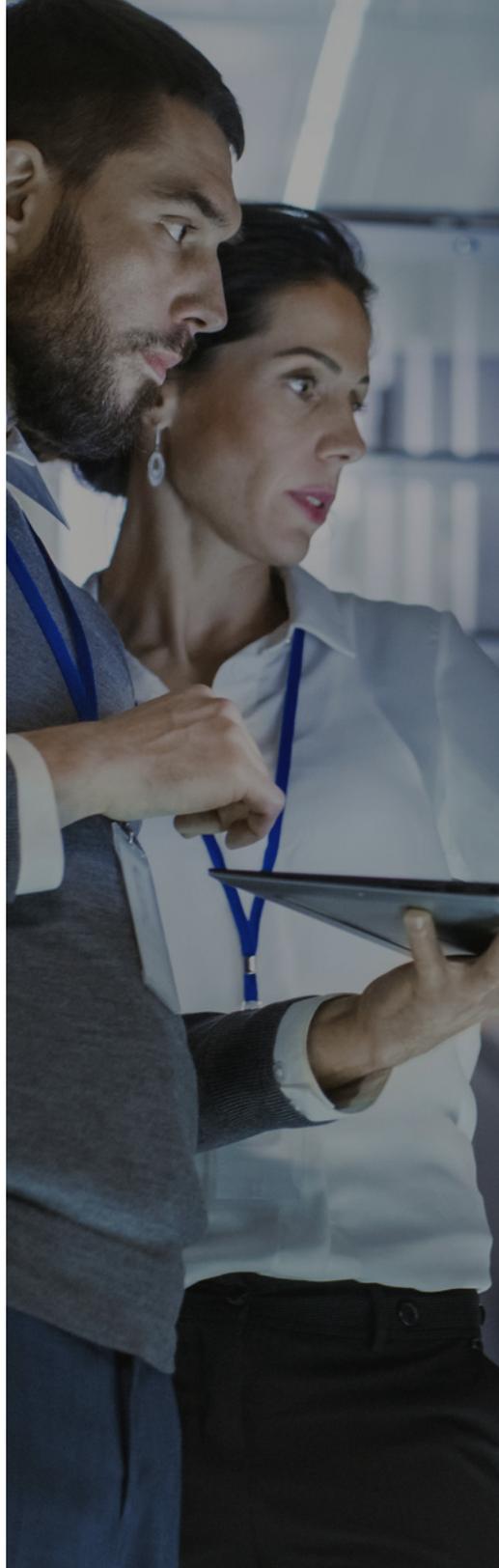




About

SPARTA is a novel Cybersecurity Competence Network, supported by the EU's H2020 program, with the objective to develop and implement top-tier research and innovation collaborative actions. Strongly guided by concrete challenges forming an ambitious Cybersecurity Research & Innovation Roadmap, SPARTA sets up unique collaboration means, leading the way in building transformative capabilities and forming a world-leading Cybersecurity Competence Network across the EU.

From basic human needs (health) to economic activities (energy, finance, and transport) to technologies (ICT and industry) to sovereignty (eGovernment, public administration), four research and innovation programs are pushing the boundaries to deliver advanced solutions to cover emerging challenges.



SPARTA ROADMAP

Develop an ambitious Cybersecurity Research and Innovation Roadmap leveraging Europe's strengths and opportunities, across multiple disciplines, maturity levels, and geographical locations.

SPARTA GOVERNANCE

Foster the emergence of a thriving and responsible research and innovation model, allowing the development of unique innovation paths, contributing to European strategic autonomy.

SPARTA PARTNERSHIP

Set up space, time, and means to enable research collaborations, leveraging the strengths of existing structures and organisations around a Joint Competence Center Infrastructure.

SPARTA ASSOCIATES

Establish unparalleled traction with European, national, and regional ecosystems, relaying concrete requirements, disruptive ideas, and novel results through multi-level and cross-network actions and events.

SPARTA PROGRAMS

SPARTA T-SHARK

Explore innovative work in full-spectrum situational awareness, with the goal of enabling the supervision of complex systems over heterogeneous time scales.

SPARTA HAIIT

Develop a foundation for secure-by-design intelligent infrastructure built on strong formal approaches, addressing multiple cybersecurity facets.

SPARTA CAPE

Investigate new avenues for continuous assessment and new evaluation tools and techniques for handling tomorrow's dynamic and elastic digital systems.

SPARTA SAFAIR

Devise approaches to make systems using AI more reliable and resilient through enhanced explainability and better threat understanding.



Strategic Programs for Advanced Research and Technology in Europe

We are re-imagining the way cybersecurity research, innovation, and training are performed in the European Union

Cybersecurity is an urgent and major societal challenge. In correlation with the digitization of our societies, cyberthreats are having an increasing impact on our lives: it is essential to ensure digital security and strategic autonomy of the EU by strengthening its cybersecurity capacities. This challenge requires the coordination of Europe's best competences, along with strong international cooperations, towards common research and innovation goals.

SPARTA is a novel cybersecurity competence network, with the objective to collaboratively develop and implement top-tier research and

innovation actions. Strongly guided by concrete challenges forming an ambitious Cybersecurity Research & Innovation Roadmap, SPARTA tackles hard innovation challenges, leading the way in building transformative capabilities and forming a world-leading cybersecurity competence network across the EU. Four initial research and innovation programs are pushing the boundaries to deliver advanced solutions to cover emerging issues, with applications from basic human needs to economic activities, technologies, and sovereignty.