



# About EUNITY

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## Cybersecurity and privacy dialogue between Europe and Japan

Start: 01.06.2017

Duration: 24 months

Coordinator: Institut Mines – Telecom (FR)

UE contribution: 499.812,50€

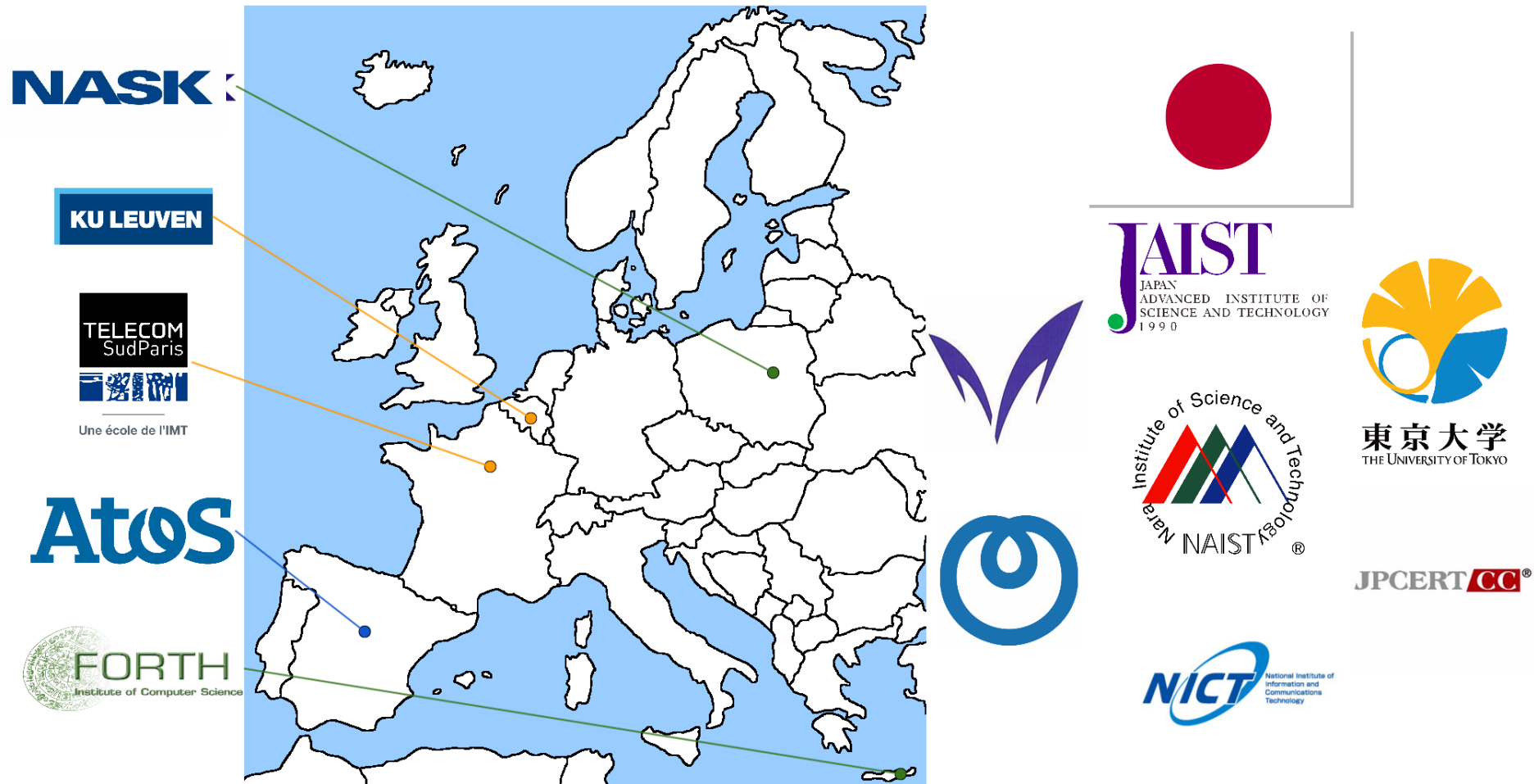
Coordination and Support Action (CSA)



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# EUNITY partners





# EUNITY objectives

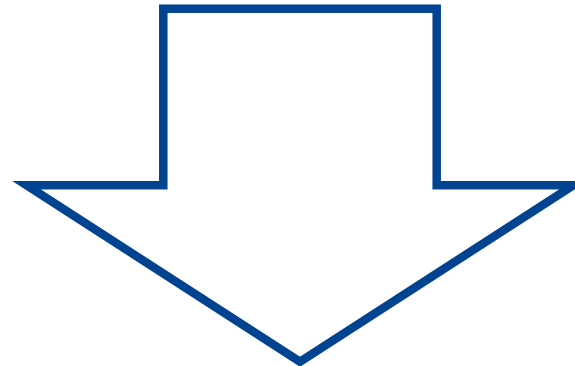
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- Encourage, facilitate and support the ICT dialogue between relevant EU and Japanese stakeholders on matters relating to cybersecurity and privacy research and innovation issues
- Identify potential opportunities for future cooperation between European and Japanese research and innovation ecosystems
- Foster and promote European cybersecurity innovation activities and increase the international visibility of EU activities in cybersecurity

# EUNITY D3.1 Objectives

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- Establishing a clear picture on the cybersecurity and privacy domain in both regions by analysing existing regulations, standards, projects, programs, roadmaps, etc.
- Analysing the cybersecurity priorities in both EU and Japan



in order to produce a **background document** on the status and **priorities** of cybersecurity and privacy **research and innovation** activities in Europe and Japan



# The scope

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- Identification and description of the mechanisms used to finance research and innovation
- An overview of the main research directions in the field, identification of the strong and weak points in the both regions to indicate:
  - topics of common interest, where cooperation opportunity is clear
  - topics where some aspects are covered asymmetrically, allowing greater synergy
- Analysis of the current role and activity of different units (SMEs, research institutions, CSIRTs, etc.) in research and innovation in Europe and Japan to find:
  - possible asymmetries increasing the value of possible cooperation
- Analysis of long-term research programs at the national and international level
  - to find thematic parallels between the EU and Japan which may create opportunities for either co-financing of joint EU-Japan projects or at least synchronization of efforts enabling cooperation

# Legal and Privacy

## Fundamental regulation acts in the area

	EU	Japan
Privacy	GDPR	Japanese Privacy Law
Cybersecurity	NIS	Japanese Basic Act on Cybersecurity

## Similarities and differences

- Privacy: the two frameworks are not perfectly matching
  - the concepts of sensitive personal data and some practical implications might become a critical point for both Japanese and European businesses and organizations wanting to enter each other's digital markets
- Cybersecurity:
  - **differences** might be spotted in the laws of the two
  - **similarities**: there is room left by both policy and legal frameworks allowing EU, Member States and Japanese Government to engage in international cooperation



# R&I priorities and directions

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- Cyber-threat intelligence
- Data processing and privacy
  - legal/policy on IT, IP, privacy, cybersecurity and cybercrime
- Methods to enhance cybersecurity (IA, HPC)
- Security services
  - Network security
- Security in application domains
  - IoT and cybersecurity in IoT
  - cloud computing and cybersecurity in the cloud,
  - cybersecurity in critical infrastructures
  - hardware security
  - cloud computing
  - social networks
- Cybersecurity for large events (e.g. Tokyo 2020 Olympic Games)



# Areas which need the most collaboration

## education and awareness

- education on various levels
- enhancing security awareness
- development of human resources
- promoting the exchange of personnel

## standards and regulations

- harmonization on standards and regulations among government and industrial associations
- guidelines by industry sector
- sharing best practices regarding cybersecurity

## information sharing

- sharing environments to monitor attacks
- sharing security intelligence among security vendors/organizations
- continuous information feeds on web sites, e.g., blogs or whitepapers
- continuous exposure in conferences/exhibitions
- continuous workforce activities





# Upcoming work

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- 2<sup>nd</sup> project workshop in Europe
  - FIC 2019, 22-23 January 2019, Lille, France
  - ECSO WG2 (business), 24 January 2019, Brussels, Belgium
- Further identifying gaps and challenges
- Identify opportunities for collaboration
  - Scientific
  - Business
- We are interested in your feedback and contributions



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**Complements (new ideas,  
comments and complements) are  
welcome**