PICASSO Project

Towards new avenues in EU-US ICT collaboration

5G, Big Data, Internet of Things and Cyber Physical Systems for smart cities, smart transport and smart energy

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Project coordinator

**ICT Policy, Research and Innovation
for a Smart Society**

www.picasso-project.eu

PICASSO: Towards new avenues in EU-US ICT collaboration -

**5G, Big Data, Internet of Things and Cyber Physical Systems
for smart cities, smart transport and smart energy**

- ➢ **Mission:** Enhance EU-US ICT research and innovation collaboration responsive to the societal challenges and industry needs, supported by harmonious policies, to enable economic growth in both the EU and US

  ICT pre-competitive R&D: key enabling technologies - 5G Networks, Big Data, IoT, Cyber Physical Systems

  Policy: forum for discussion and contribution to the debate on privacy, security, interoperability, ethics..

- ➢ **Funding:** European Commission, US partners contribution
- ➢ **Timing:** January 1, 2016 - June 30, 201

PICASSO: how we work

Enhancing Cooperation focusing on pre-competitive R&I

> Analyse industrial drivers, societal needs and barriers to exploitation

> Promote funding opportunities from both sides

> Outline and promote collaboration opportunities, good practices…

Contribute the EU-US policy dialogue

> Discuss policy-gaps or overregulation targeting core policy issues: Standards; Privacy; Cyber Security.

> Prepare Policy Brief and propose ways forward

> Analyse the areas with the highest potential for EU-US ICT collaboration

Outline new avenues

> Put forward and promote strategic initiatives for EU-US ICT collaboration

> Explore selected strategic and agreed initiatives

> Explore options and propose and promote topics for EU-US collaboration under coordinated schemes

PICASSO
EU-US ICT collaboration

Consortium

Coordinator
inno TSD, France

Honeywell International INC (HON),
United States

Technische Universitat Dortmind (TUDO), Germany

GNKS Consult BV (GNKS),
The Netherlands

THHINK Wireless Technologies Limited (THHINK), United Kingdom

Technische Universitaet Dresden (TUD), Germany

Athens Technology Center (ATC), Greece

Florida International University (FIU),
United States

Agency for the Promotion of the European Research (APRE), Italy

Regents of Univeresity of Minnesota (TLI),
United States

Expert Groups

Synergies between policy and technology groups

3 Technology Groups
On Strategic ICT Technology areas in relation to Societal Challenges

1 Horizontal Group
On ICT Policy

5G Networks

Big Data

IoT/CPS

Policy issues:
Privacy and data protection | Cybersecurity | Standards and Interoperability | Ethics …

+25 Experts in total across all groups

Objectives of the Expert Groups

> Identify **gaps, (technical and societal) needs, drivers, and opportunities** in ICT research, innovation, and policy

> Analyze the **potential and the challenges for EU-US collaboration**

> **Contribute to the Opportunity Report** "Towards Enhanced EU-US ICT Pre-competitive Collaboration"

> **Propose new avenues for EU-US ICT collaboration** and **pave the way** to strategic initiatives and actions

> **Support links** between EU and US networks (PPPs, ETPs, H2020 projects, associations) and contribute to PICASSO **outreach**.

> **Distribute information on cross-Atlantic funding and collaboration opportunities**

What's in it for you? *available!*

Public Project Reports

› "**Panorama of ICT landscape in EU and US: ICT Policies, regulations, programmes and networks in EU and US**"

› **"Analysis of Industrial Drivers and Societal Needs: towards new avenues in EU-US ICT collaboration"**, including initial proposals for collaboration opportunities which will be discussed, refined and prioritised by the Expert Groups in the next stages of the project.

› Opportunity report "**Towards Enhanced EU-US ICT Pre-competitive Collaboration**" and Recommendations; focus on 5G, big data, IoT/CPS

› **"Overview on ICT – related access opportunities in EU and US**": guide for European/US academic or industrial researchers or innovators, interested in increasing their knowledge or in expanding their network

What's in it for you? *available!*

Policy Briefs

> **Policy briefs -** **PICASSO Policy Paper 1: Privacy and Data Protection**

> **Policy briefs -** **PICASSO Policy Paper 2: ICT Security issues affecting EU/US ICT development collaboration** (May 2017)
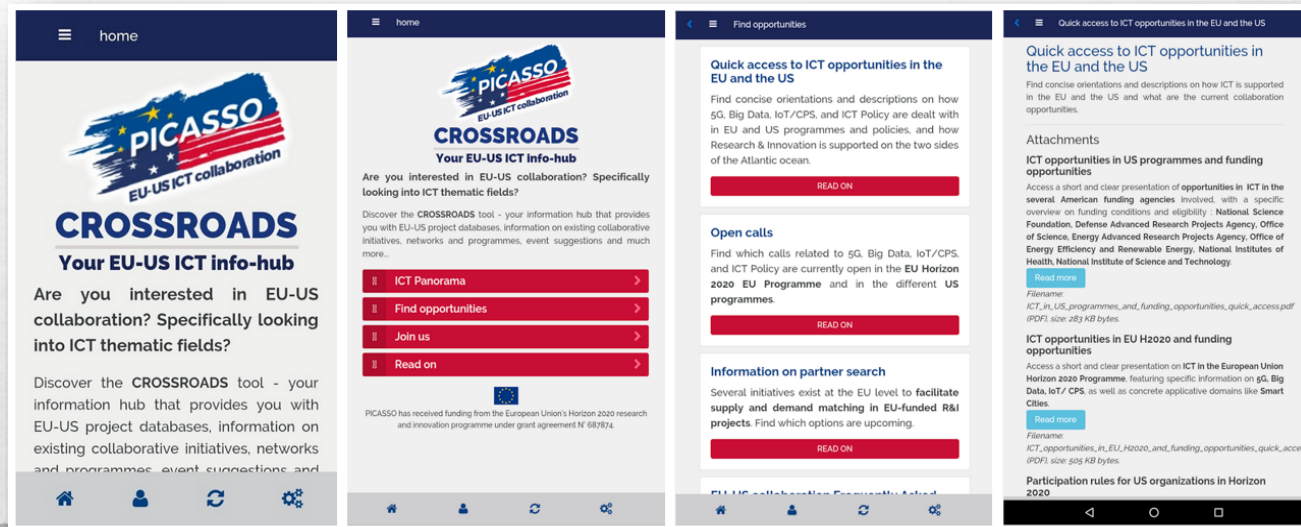
> **Upcoming**: Policy briefs on Standards and Spectrum

PICASSO Webinars

> **EU-US collaboration on 5G funding opportunities in Horizon 2020** (Sept 2016)

> **EU-US policy recommendations on Data Protection and Privacy** (Oct 2016)

> **"Towards EU-US Collaboration on the Internet of Things & Cyber-Physical Systems"** (Feb 2017)

> **"Cybersecurity and its impact on EU-US ICT collaboration"** (May 2017)

> **Upcoming** webinar on Policy gaps, and on upcoming funding opportunities

What's in it for you? *available!*

CROSSROADS - your EU-US ICT info-hub

› mobile app available (Android and iOS) as well as a dedicated section on the [project Website](#)

› Easy-to-use tool and "one stop entry point" to access information and data on programmes, projects, initiatives, events, reports and much more, to facilitate collaboration activities in the field of ICT between the EU.

› Target: industry stakeholders involved in EU-US collaboration, technical experts/researchers from the public and private sector, industry representatives and policy makers from the EU and the US.

EU-US « Implementing Arrangement »

NEWLY SIGNED EU-US AGREEMENT OFFERS NEW OPPORTUNITIES FOR STI COOPERATION

- The arrangement facilitates cooperation between European and American researchers on projects funded under Horizon 2020, the European Union's research and innovation programme
- The aim of the arrangement is to enable US researchers to cooperate with Horizon 2020 projects outside the framework of the grant agreement, and to increase cooperation in research projects.
- It simplifies cooperation between a selected Horizon 2020 project and a US entity by enabling researchers to organise their cooperation outside the formal Horizon 2020 Grant Agreement
- **http://www.euussciencetechnology.eu/news/45/faq-on-eu-us-implementing-arrangement**
- **More details will come soon! Stay tuned!**

Contacts

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in PICASSO – EU/US ICT research, innovation and policy collaboration

Disclaimer

PICASSO has been financed with support from the European Commission. PICASSO brings together prominent specialists willing to contribute to enhancement of EU-US ICT collaboration. PICASSO does not represent EU or US policy makers, and the views put forward do not necessarily represent the official view of the European Commission or US Government on the subject. PICASSO cannot be held responsible for any use which may be made of information granted