



The Hague **Security Delta**

HSD International Research Opportunity's

- EU Cluster call-in Progress
- US Embassy Call-Closed
- Other: ECSO-open



EU Cluster call

- HSD and other clusters did lobby, and call was initiated (V&J lobby)
- HSD in collaboration with partners did shape a proposal
 - Including input from TU Delft-DSys Pieter van Gelder
 - Now French Cluster is in the lead to shape a proposal.

H2020 – SU-GM01

SU-GM01-2018-2019-2020: Pan-European networks of practitioners and other actors in the field of security; and within this subject for 2018 the invitation to **Innovation clusters from around Europe** (established at national, regional or local level), especially those managing **demonstration sites, testing workbenches, and training facilities** (including those providing simulators, serious gaming platforms, testing of PPDR applications on broadband networks) to establish one network.

Mentioned assets are normally under exploitation and development by individual organisations and companies. Innovation clusters do bring together as well Academia and R&D organisations, Industries and SME's, and Public and Private End-users (triple helix). With this in mind, our question is: "do you have particular expectations concerning the role of the innovation clusters at large versus the role of the individual asset owners."

Special grant competition in honor of CyberSecurity Awareness Month-Closed



U.S. Embassy and Consulate
in the Netherlands

Program Description

U.S. Embassy The Hague is proud to announce a special grant competition in honor of CyberSecurity Awareness Month focusing on supporting programs to promote the use of technology among younger audiences to solve problems related to critical infrastructure, disinformation, and cybersecurity.

This program aims to bolster the impact of our shared U.S – Dutch responsibility for security, particularly as it relates to technology. By involving university and high school students, successful grant applications will educate the next generation of experts about issues that will continue to plague the technology-driven world. By building local capacity to identify and combat problems with critical infrastructure, disinformation, and cybercrime, they should directly support the U.S. Mission to the Netherlands' key goal of enhancing cooperation to bolster the impact of our shared responsibility for international security by giving students experience in problem solving and creating tools to better address threats.

The target audiences for these projects are high school or university students from all regions of the Netherlands who will participate in a program designed to promote the use of technology among youth to solve problems related to critical infrastructure, disinformation, and cybersecurity.

The program could include but is not limited to:

1. A hackathon to develop tools to identify and/or combat threats in one of the aforementioned areas.
 2. A series of interactive workshops with a strong focus on hands-on experience
 3. A program involving development net forensics, sourcing, or investigative research skills.
- Institutions, organizations, and individuals may request a grant budget ranging from \$10,000 to \$25,000. Awards are subject to the availability of funds.**

European Cyber Security Organisation (ECSO)

- HSD and RVO did organise a intro session january 2017
 - TU Delft was there and Davide did dive into this
 - NL partners did meet to explore collaboration within NL domain after this
 - RVO is representing/promoting ECSO-(and Dep J&V is member)
 - Open for members to join (there are NL Members)
 - HSD was present in a session on Venture Funding in EU, but not a formal partner



European Cyber Security Organisation (ECSO)

ECSO represents the industry-led contractual counterpart to the European Commission for the implementation of the Cyber Security contractual Public-Private Partnership (cPPP).

ECSO members include a wide variety of stakeholders such as large companies, SMEs and Start-ups, research centres, universities, end-users, operators, clusters and association as well as European Member State's local, regional and national administrations, countries part of the European Economic Area (EEA) and the European Free Trade Association (EFTA) and H2020 associated countries.

Main Objective

- Foster and protect from cyber threats the growth of the European Digital Single Market;
- Develop the cybersecurity market in Europe and the growth of a competitive cybersecurity and ICT industry, with an increased market position;
- Develop and implement cybersecurity solutions for the critical steps of trusted supply chains, in sectoral applications where Europe is a leader.

WG1: Standardisation, certification, labelling and supply chain management

WG2: Market deployment, investments and international collaboration

WG3: Sectoral demand

WG4: Support to SMEs , coordination with countries (in particular East and Central EU) and regions

WG5: Education, awareness, training, exercises

WG6: Strategic Research and Innovation Agenda (SRIA)

Brightsight	RABO Bank
Cyber Defence	Shadowserver Europe
ECN	TNO
INTRINSIC-ID	MADISOPN-GURKHA
Min JenV	SECURA
NXP	ULTS bv
Philips	Your Creative Solutions


HSD is connecting and publishing on website on innovation

- See: <https://www.thehaguesecuritydelta.com/innovation>



National Cyber Testbed (NCT) Programme
PROJECT



27
MAR
Bijeenkomst over 'secure societies' in Horizon 2020 
27 MARCH 2018
EVENT



Enabling Big Data Applications for Security
REPORT



EC Horizon Prize: Seamless Authentication for All 
COMPETITION



Stratumseind
EINDHOVEN
LIVING LAB



EIT Digital Call 2019



- Limited duration- one year
- Call Process Now open
- Need to have consortium
 - Including Business Owner
 - Including Launching Client/User
- Funding/Investment up to 80% of funds for a University/RTO
- Focused at Valorisation
 - Higher TRL Levels

Activity overview



- **Activity Purpose:** *Please describe briefly what the Activity intends to achieve and why*
- **Output type:** *e.g. startup creation / new product/service creation*
- **Expected Outcomes and Impact:** *Please explain the broader impact of the product/service on economy and society*
- **Key Outputs:** *Please list the major outputs of the activity (e.g. products or processes, innovative training modules, testbeds, experimental facilities, prototypes, patents)*

Business aspects

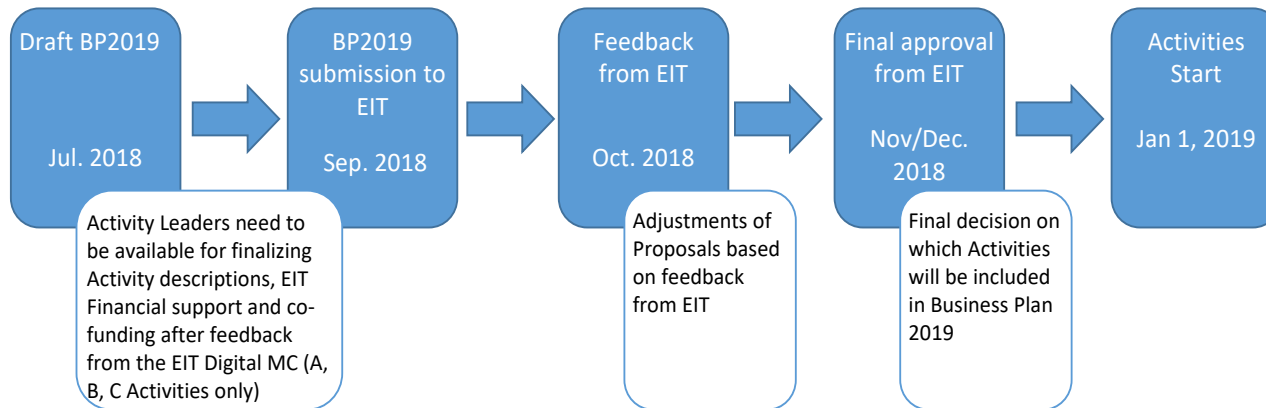
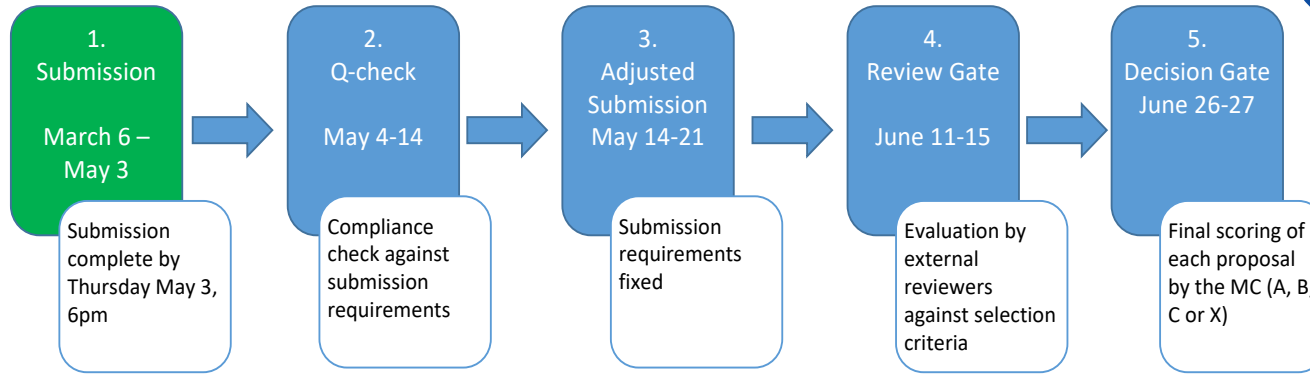
- **Business pain:** *Please explain what is the customer problem that needs to be solved*
- **Product/service proposal:** *Please describe the product/service proposal that addresses the customer problem*
- **Why now:** *Please explain why 2019 represents the right moment in time for launching the envisaged product/service into the market*
- **Potential market:** *Please describe the potential market opportunities (e.g. market size)*
- **Competitive situation:** *Please describe the target market and the competition*

<Activity proposal title>



Action Line	e.g. Digital Infrastructure	Contact info	<Name, Surname> / <e-mail> / <phone (optional)>
Activity purpose			
Output type	e.g. startup creation / new product/service creation		
Business pain			
Expected outcomes and impact			
Team structure	Business champion	< <u>Lead partner</u> >	
	Technology providers	<Partner 2>, <Partner 3>	
	Customers	<Partner 4>, etc.	
Sustainability mechanism			
Missing key partners / competences			

Our EIT Digital Innovation & Education Call 2019



Springboard and Call Dates

- **March 26-27-28: Brokerage Event @ EIT House Brussels**

- Registration at:

https://workspaces.eitdigital.eu/PROMISE/PRIVATE/FORMS/register_step1.aspx?guid=b3de47cf-43b8-430e-aaab-f8aee7f0e22c

- Up to 1 representative per partner (max capacity 120)

March 26: Brokerage Event Day 1
(EIT House, Brussels)

13:30 – 16:30 Digital Wellbeing
13:30 – 16:30 Doctoral School

March 27: Brokerage Event Day 2
(EIT House, Brussels)

09:00 – 12:00 Digital Industry
09:00 – 12:00 Professional School
12:00 - 13:30 Lunch
13:30 – 16:30 Digital Infrastructure
13:30 – 16:30 Summer School

March 28: Brokerage Event Day 3
(EIT House, Brussels)

09:00 – 12:00 Digital Finance
09:00 - 12:00 Master School
12:00 – 13:30 Lunch
13:30 – 16:00 Digital Cities

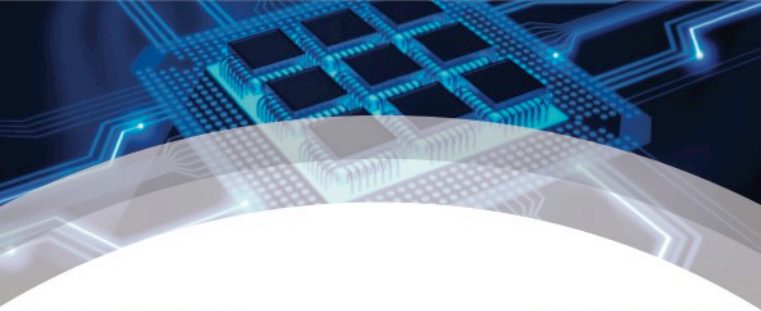
Content in each session

- Presentation by ALL
- Feedback to proposals (global AL level: on impact, sustainability, etc.)
- Pitching (priority):
 - 1. Pre-call registration
 - 2. Business leaders
 - 3. Technology providers



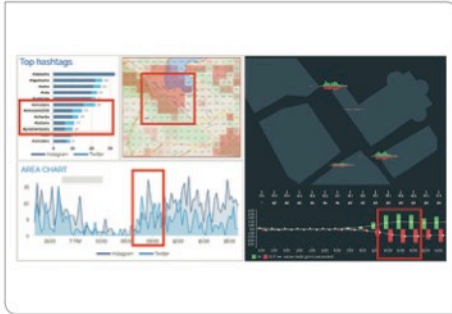
Now involved in call 2019

- Alessandro Bozzon and Marco Zuninga
 - Focused at Digital City Domain, but know the organisation and rules of the game



CrowdInsights

Digital Cities



Understand multi-scale city dynamics

CrowdInsights is a tool that actively monitors urban environments detecting the composition, dynamics and motivations of crowds. It provides data to support decision-making and planning among administrations and businesses.

Often, the processes to take informed decision regarding the quality of life in a city (e.g. surveys, territorial studies), are obsolete, resources-consuming, partial and error-prone.

CrowdInsights integrates data collected from IoT sensors, mobile phones and social media to provide comprehensive, multi-scale views on urban dynamics (e.g. how people move in the city, why, when and from where).

For example, with CrowdInsights, urban planners are able to decide on pedestrian areas based on the actual volume and frequency of presence counting. Tourism agent, event managers, commercial stakeholders can better organize and target their business based on city's insights.

Competitive Advantages

- Comprehensive and cross-sourced data
- Multi-scale and multi-detail perspectives of city dynamics
- Less expensive than traditional analysis
- Includes both real-time and post-hoc results
- Includes users and citizens (via social analytics and crowdsourcing)
- Cross-sourced data can be exploited to offer different services to citizens and tourists

Target Markets

- City administrators
- Urban planners
- Public security offices
- Commerce operators, local/city commerce consortiums, shop owners
- Tourist offices and agencies
- Events managers
- Italy and the Netherlands

Status/Traction

- First negotiations with the cities of Como and Amsterdam
- In the Netherlands, KPN (Dutch landline and mobile telecommunications company) and AMS (Amsterdam Institute for Advanced Metropolitan Solutions) will contribute to the deployment and pilot based on the KPN's LoRa sensors' network
- More pilots to come in the North of Italy

Road Map

- 2017**
- Refine and select the most relevant business cases
 - Involve local stakeholders
 - Focus on specific business cases on specific territory
 - Front-end design
 - Data sources integration and back-end deployment
 - Front-end development and customization
 - City deployments and thematic pilots
 - Initial business launches

Connect



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www.crowdinsights.eu

[@crowdinsightseu](https://twitter.com/crowdinsightseu)

CrowdInsights is an Innovation Activity proudly supported by EIT Digital



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Driving Europe's Digital Transformation



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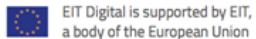
Driving Europe's Digital Transformation

Questions ?

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