SEcurity REsearch NCP Network 4

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IPPT PAN/NCP in Poland
Riga, 9th April 2019

General information

- ✓ Duration: May 2018 – February 2021
- ✓ Project Consortium:
  - 19 project partners from 18 countries including Member States, Associated Countries and Third Countries (South Africa and Argentina).
  - Coordinator: *Agenzia Per La Promozione Della Ricerca Europea (APRE)*

- ✓ NCPs that are not project partners are welcomed to participate at project events like fora, trainings, information days, brokerage events.

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Beneficiaries (1)

	Italy	APRE
	Croatia	AMEUP
	Belgium	BELSPO
	France	CEA
	South Africa	CSIR
	Slovakia	CVTISR
	Austria	FFG
	Belgium	ABAE
	Luxembourg	LXI
	Argentina	MINCyT

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Beneficiaries (2)

	Greece	FORTH
	Iceland	RANNIS
	Romania	ROSA
	Cyprus	RPF
	Turkey	TUBITAK
	Poland	IPPT PAN
	Israel	InnovationAuth
	Latvia	RTU
	Czech Republic	TC AV CR

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But, what is SEREN 4?

1. Capacity building of NCPs.

2. Providing targeted services for applicants and security stakeholders to strengthen their participation in H2020.

3. Supporting networking opportunities within the secure societies constituency.

4. Carrying out awareness raising activities to ensure that information about SC7, H2020, FP9 and SEREN4 itself effectively and timely reach the audience.

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How SEREN 4 supports stakeholders? (1)

- WP1 Project Management
- WP2 NCP Capacity Building
- WP3 Strengthening Participation
- WP4 Networking
- WP5 Dissemination and Communication

Strong involvement of stakeholders!

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How SEREN 4 supports stakeholders? (2)

SeReMa partner search tool	• Database with the objective of increasing the visibility of security related research in Europe and optimizing the networking between security stakeholders
Brokerage events	• In conjunction with Info days organized by the European Commission/Research Executive Agency and Security related events.
Training for stakeholders	• Direct training to researchers and applicants from both private and public sector in the timeframe of the EC events and REA Info days, following the publication of Secure Societies calls.
Info days for stakeholders	• Aims at gathering stakeholders and EC & REA representatives in the same place in order to explain the forthcoming calls and collect questions and answers.

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How SEREN 4 supports stakeholders? (3)

Synergies with security key players

- Aiming at identifying new stakeholders and establish synergies between industry, research organisations, universities and other important players in the security area.

Synergies with practitioners

- Such task aims at supporting all stakeholders in easily identifying practitioners who are interested in a given topic, supporting the effective participation of them in H2020 security proposals.

Dissemination and communication activities

- Webpage and social media,
- Information material for stakeholders (guides, leaflets, newsletter, etc.)

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How SEREN 4 NCPs?

Benchmarking

- Identify in a measureable way the level of experience and know-how of the Secure Societies NCP network

Training NCPs

- Formulate and foster an improved, professionalised and more consistent NCP service across the EU and associated countries

Twinning

- Exchange of well-experienced and less-experienced Secure Societies NCPs in order to minimise the gap between them

NCPs Forum

- NCPs who are not partners of the SEREN4 project will be given an overview of the current state of the project
- The forum will serve as a place to exchange best practices and experiences, to improve the implementation of the NCP services

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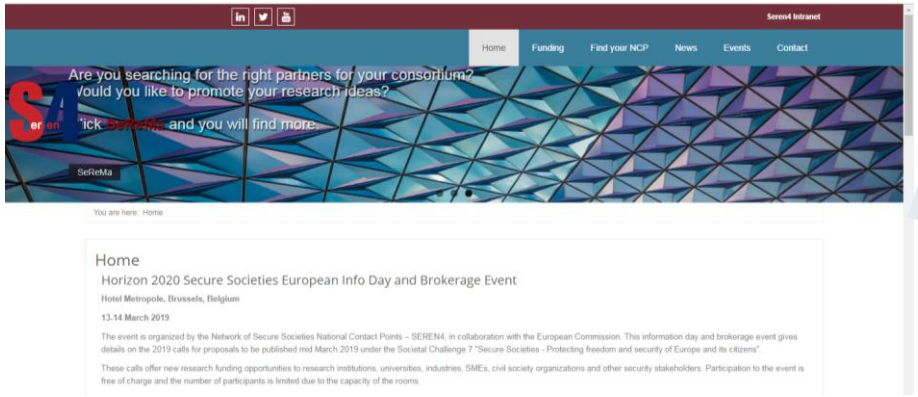
Where can I find more info about SEREN4 and its activities?

On the official website:
www.seren-project.eu



But also on twitter and Linkedin!

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Security Research Map - SeReMa

And.. If you are still looking for partners → SeReMa!

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What is SeReMa?

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SeReMa – Security Research Map

A profile platform, partner search tool and project idea database

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- ✓ **Highlight your added value**
- ✓ **Promote your research ideas**
- ✓ **Find partners for your security research project**

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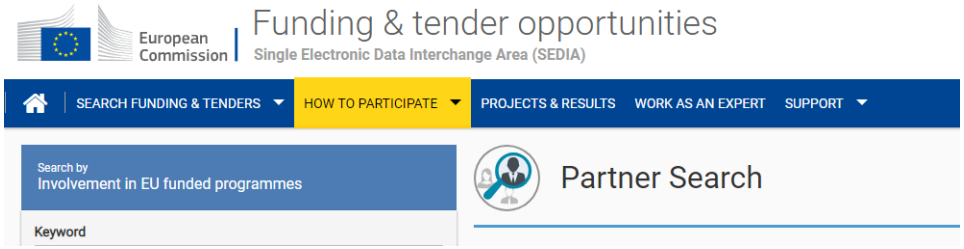

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- ✓ **Quality-check**
- ✓ **Specific and security related**
- ✓ **Chosen contact person**

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SeReMa

Security Research Map

Home | National Research Maps | Logos | Terms & Privacy | Contact

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Insert
Update

Search
Show all

Projects Ideas
Show All

Organisations

Austria	21
Belgium	26
Bosnia-Herzegovina	1
Bulgaria	2
Croatia	9
Cyprus	7
Czech Republic	6
Estonia	2
Finland	8
France	17
Germany	10
Greece	8
Hungary	3
Ireland	3
Iceland	1
Israel	19
Italy	57
Lithuania	4
Malta	1
Macedonia	1
Netherlands	3
Norway	3
Poland	11
Portugal	2
Romania	10
Slovak Republic	4
Slovenia	1
Spain	49
Switzerland	2
Turkey	4
United Kingdom	13
Other	4
Total	312

Security Research Database

The purpose of the Security Research Map (SeReMa) is to increase the visibility of security related research in Europe and to optimize the networking between research facilities, universities, public authorities, end users, suppliers of security solutions and operators of critical infrastructures.

The database has been developed within the network of National Contact Points for Security in the 7th EU-Framework Programme (SEREN 2).

Why register?

- Call the attention of the network about your competencies
- Promote your research ideas
- Find partners for security research projects

Your advantages:

- Stay informed on upcoming Horizon 2020 Calls
- Meet a lot of potential co-operation partners through this Website and database
- Your profile will be promoted all over Europe

Support & Finance

Insert profile

If you are a researcher who is actively involved in security research and interested in international cooperation, register yourself and help building a map of security research all over the world

Search database

Identify researchers who work in the area of security research, either within the context of EU funded research or broader collaborative research and find international partners with the complementary expertise or technology that you are looking for.

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Inserting Your Profile

In SeReMa you can insert an organization profile, and search the database in order to find a requested organization

There are five categories in the profile description to be filled in:

Organisation | **Field of activities** | Research Focus | RTD Experiences | Project Idea

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Insert a Profile: ORGANISATION

ORGANISATION

Please fill in the details with regard to your organisation.

Organisation details

Organisation Name *
Acronym
Department

Street
ZIP / City
Country * Please choose

Phone *
Email *
Homepage

Organisation Type * Please choose
Employees * 1-10 11-25 26-50 51-250 250+
Organisation Logo Choose File No file chosen (< 2 MB, gif, jpg, png)

Contact person

Gender * Mr Ms
Title (eg. Dr., Prof., Eng., MS., ...)
First name *
Last name *
Job position
Additional contact

Finalise first part of your registration

Approval * I agree that my research related profile is published on this website.

Password * (free choice)
Anti-Spam Code * 8917 Please enter the specified 4-digits numeric code.

* Mandatory

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Insert a Profile: FIELD OF ACTIVITIES

FIELD OF ACTIVITIES

Please specify your field of activities

* Mandatory

1. NATURAL SCIENCES
- ☐ Biology
- ☐ Medical Sciences
- ☐ Physics
- ☐ Radiology
- ☐ Chemistry

2. ENGINEERING
- ☐ Energy - generation/storage/distribution
- ☐ Urban planning
- ☐ Architecture
- ☐ Construction industry
- ☐ Logistics
- ☐ Transport systems
- ☐ Aerospace technologies
- ☐ Railway technologies
- ☐ Space & satellite technologies

3. FORENSIC SCIENCES
- ☐ Forensic technologies
- ☐ Biometry
- ☐ Digital forensics

4. HORIZONTAL ACTIVITIES
- ☐ Navigation, guidance, control and tracking
- ☐ Scenario development and decision support
- ☐ Foresight systems
- ☐ Simulators, trainers and artificial environments
- ☐ Policy development
- ☐ Testing and validation
- ☐ Rescue and relief services
- ☐ Law enforcement

5. TECHNOLOGIES & MATERIALS
- ☐ Biotechnology
- ☐ Nanotechnology
- ☐ Material Science
- ☐ Protective textiles
- ☐ Detection technologies
- ☐ Sensor equipment and technologies
- ☐ Electronics, Microelectronics

6. INFORMATION & COMMUNICATION TECHNOLOGIES
- ☐ ICT applications
- ☐ Communication equipment and technologies
- ☐ Electronic authentication
- ☐ Intelligence systems
- ☐ Artificial intelligence/robotics
- ☐ Cyber security
- ☐ Software, Data Processing
- ☐ Network technologies
- ☐ Smart Systems
- ☐ Radio Frequency (RFID)

7. SOCIO-ECONOMIC SCIENCES AND THE HUMANITIES
- ☐ Human Sciences
- ☐ Social Sciences
- ☐ Political Sciences
- ☐ Ethic Research
- ☐ Legal Sciences

Briefly describe your core competencies

(free text, entry max. 1500 characters)

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Insert a Profile: RESEARCH FOCUS

RESEARCH FOCUS

Please specify your research focus according to the H2020 work programme structure.

* Mandatory

Call - Protecting the infrastructure of Europe and the people in the European smart cities

- [ ] Protecting the infrastructure of Europe and the people in the European smart cities
  - [ ] SU-INFRA01-2018-2019-2020: Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe
  - [ ] SU-INFRA02-2019: Security for smart and safe cities, including for public spaces

CALL - SECURITY

- [ ] Disaster-Resilient Societies
  - [ ] SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies
  - [ ] SU-DRS02-2018-2019-2020: Technologies for first responders
  - [ ] SU-DRS03-2018-2019-2020: Pre-normative research and demonstration for disaster-resilient societies
  - [ ] SU-DRS04-2019-2020: Chemical, biological, radiological and nuclear (CBRN) cluster
  - [ ] SU-DRS05-2019: Demonstration of novel concepts for the management of pandemic crises
- [ ] Fight against Crime and Terrorism
  - [ ] SU-FCT01-2018-2019-2020: Human factors, and social, societal, and organisational aspects to solve issues in fighting against crime and terrorism
  - [ ] SU-FCT02-2018-2019-2020: Technologies to enhance the fight against crime and terrorism
  - [ ] SU-FCT03-2018-2019-2020: Information and data stream management to fight against (cyber)crime and terrorism
  - [ ] SU-FCT04-2020: Explosives: detection, intelligence, forensics
- [ ] Border and External Security
  - [ ] SU-BES01-2018-2019-2020: Human factors, and social, societal, and organisational aspects of border and external security
  - [ ] SU-BES02-2018-2019-2020: Technologies to enhance border and external security
  - [ ] SU-BES03-2018-2019-2020: Demonstration of applied solutions to enhance border and external security
- [ ] General matters
  - [ ] SU-GM01-2018-2019-2020: Pan-European networks of practitioners and other actors in the field of security

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Insert a Profile: RTD EXPERIENCES

RTD EXPERIENCES

Please list all the relevant RTD experiences of your organisation.

* Mandatory

	Project Coordinator	Project Partner	Project Acronyms *Insert each Acronym in a separate line*
FP7/H2020-Security	☐	☐	
FP7/H2020-ICT	☐	☐	
FP7/H2020-Energy	☐	☐	
FP7/H2020-Health	☐	☐	
FP7/H2020-Transport	☐	☐	
FP7/H2020-ENV	☐	☐	
FP7/H2020-SSH	☐	☐	
National Security Research Projects	☐	☐	
Other Security Research Projects	☐	☐	

Save

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Insert a Profile: PROJECT IDEA

PROJECT IDEA

Please insert a project idea if you are offering or looking for a H2020 partnership.

* Mandatory

Title

Description

H2020 Topic List

Please choose

Role within the Consortium

- ☐ Project Partner
- ☐ Project Coordinator

Type of activity

- ☐ Technology development
- ☐ Research
- ☐ Training
- ☐ Management
- ☐ Dissemination
- ☐ Commercialisation
- ☐ Exploitation
- ☐ Demonstration
- ☐ Texting
- ☐ Other

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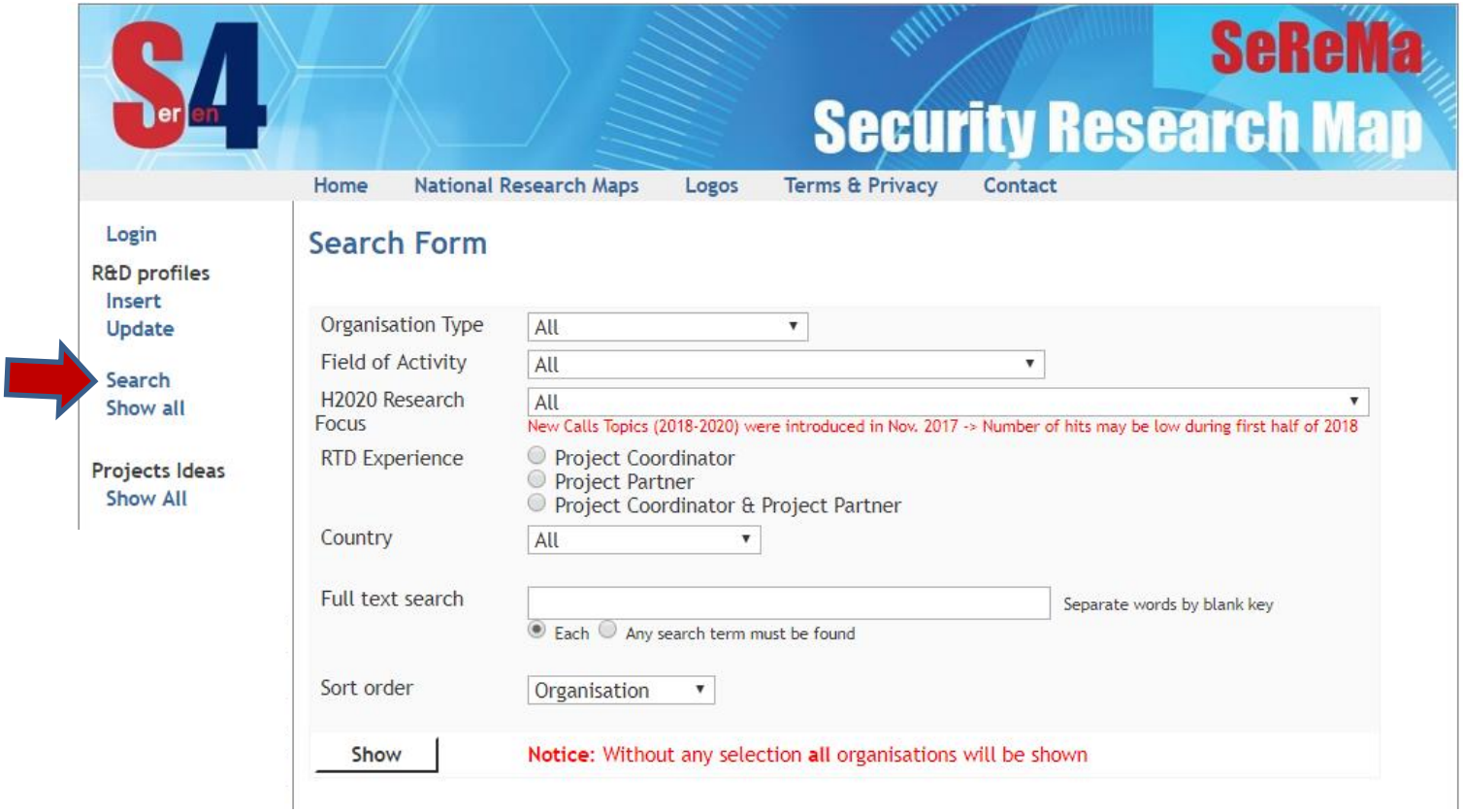
Search Database



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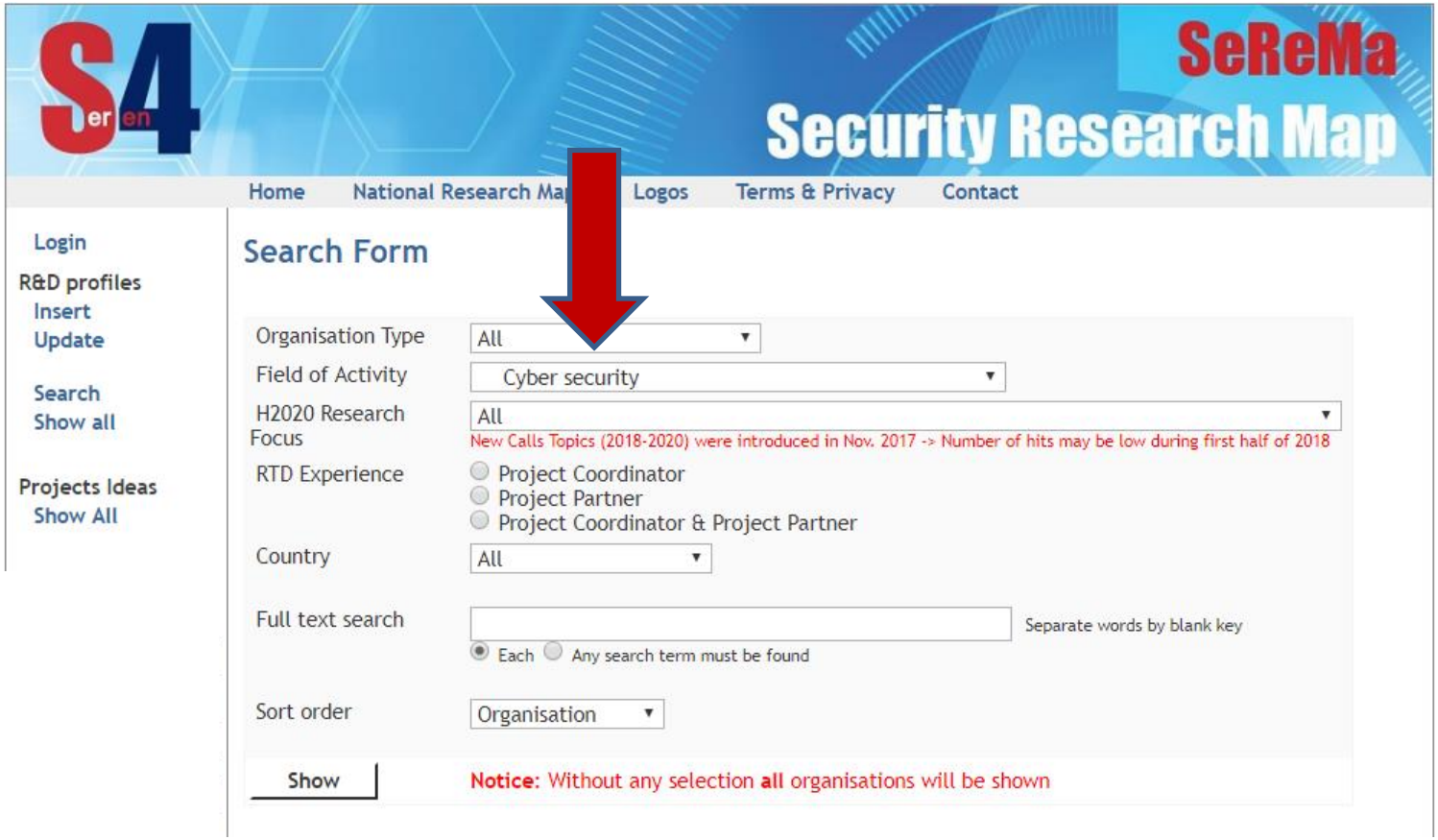
Search Database – By Field of Activity



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Search Database – Results

Organisation (308)	Country
3D-Oxides R&D	France
Adnet d.o.o.	Croatia
AdvalCT, a.s.	Czech Republic
AEGIS IT RESEARCH UG R&D	Germany
AFCON control and Automation Ltd Security and Systems	Israel
African Maritme Safety and Security Agency Centre for Research and Security Studies	United Kingdom
AFSCAN S.r.l. R & D	Italy
Agency for European Integration and Economic Development	Austria
AGH University of Science and Technology Department of Telecommunications	Poland
AIDA Group - Universidad Autónoma de Madrid Computer Science	Spain
AIT Austrian Institute of Technology GmbH Safety&Security	Austria

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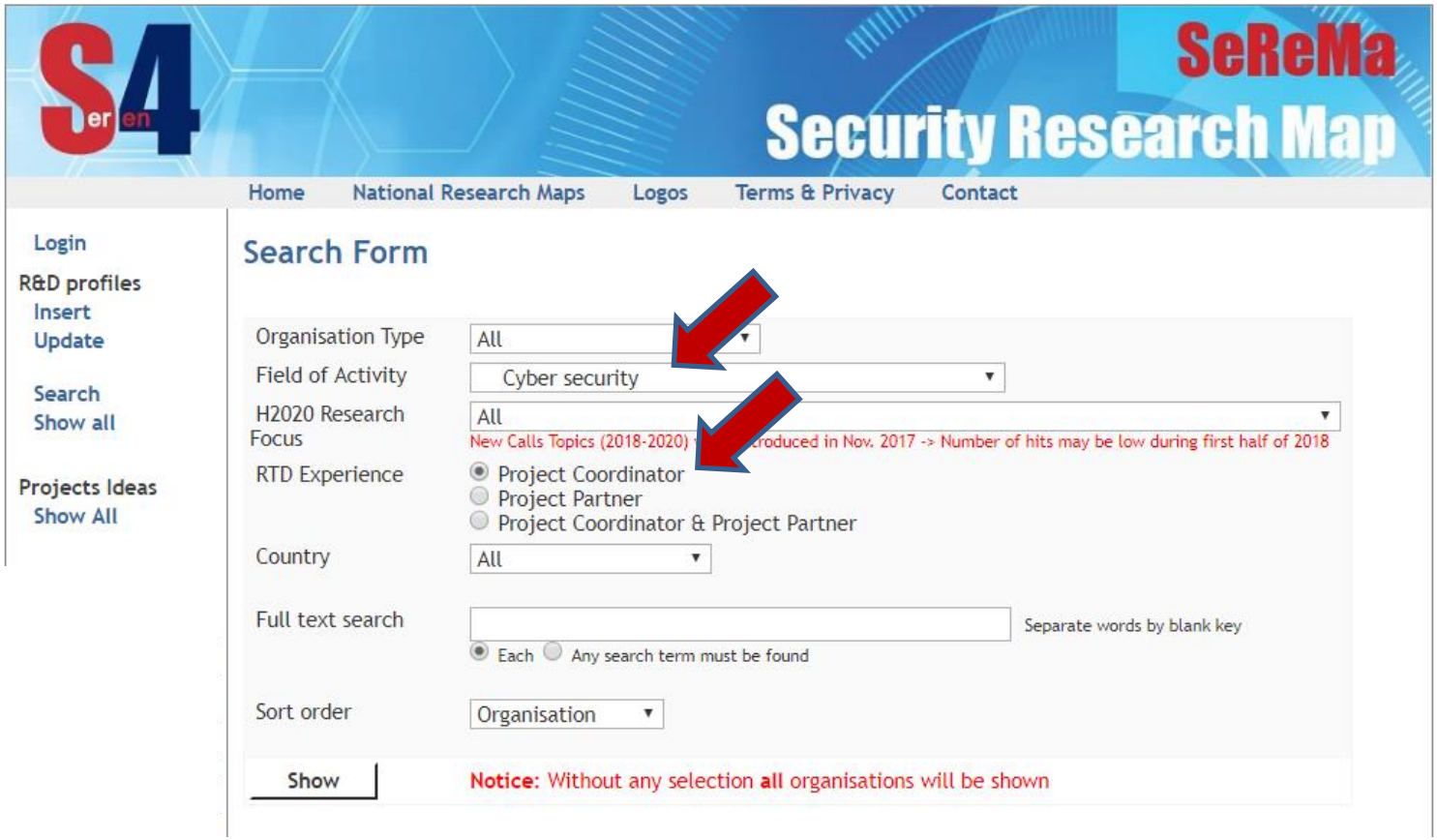
Search Database – By RTD Experience



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Search Database – By Project Idea

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Project Idea

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Project Idea

Organisation	University of Bologna
Inserted:	2018-10-17
Project Title	**Security of Industrial Installation under Seveso Directive**
H2020 Topic List	SU-INFRA01-2018-2019-2020: Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe
Role within the Consortium	* Project Partner * Project Coordinator
Type of activity	* Technology development * Research * Training * Management * Dissemination * Exploitation
Project Description	The security of industrial sites has become a matter of increasing concern in recent years. Indeed, these sites are potentially attractive targets due to the storage of hazardous materials in relevant quantities, as for the Seveso Directive in Europe (European Commission, 2012), to the possible presence of chemicals that may be used to manufacture improvised explosive devices (IEDs), and to the increasing use of automated controls and safety instrumented systems that may allow cyber intrusions. Terrorist groups or single individuals could exploit such features and cause major accidents involving fires and explosions or involving toxic releases and environmental contaminations. Besides, chemicals could be stolen with the intent of creating weapons of mass destruction, or their precursors . Further concern is posed nowadays towards the possibility of intrusion via cyber space. Whatever the primary voluntary or undirect attack, any CPI can be dramatically affected, and escalation effect may result. Indeed, lessons learnt clearly have shown the need for the implementation of adequate security assessment as well as of an accurate security management system and lay-out criteria aimed at the optimization of the available layers of protection of sites. In this framework, the project should give tools and methodologies capable of addressing all the sectorial needs of chemical and petrochemical industry with respect to the security vulnerability and security risks.

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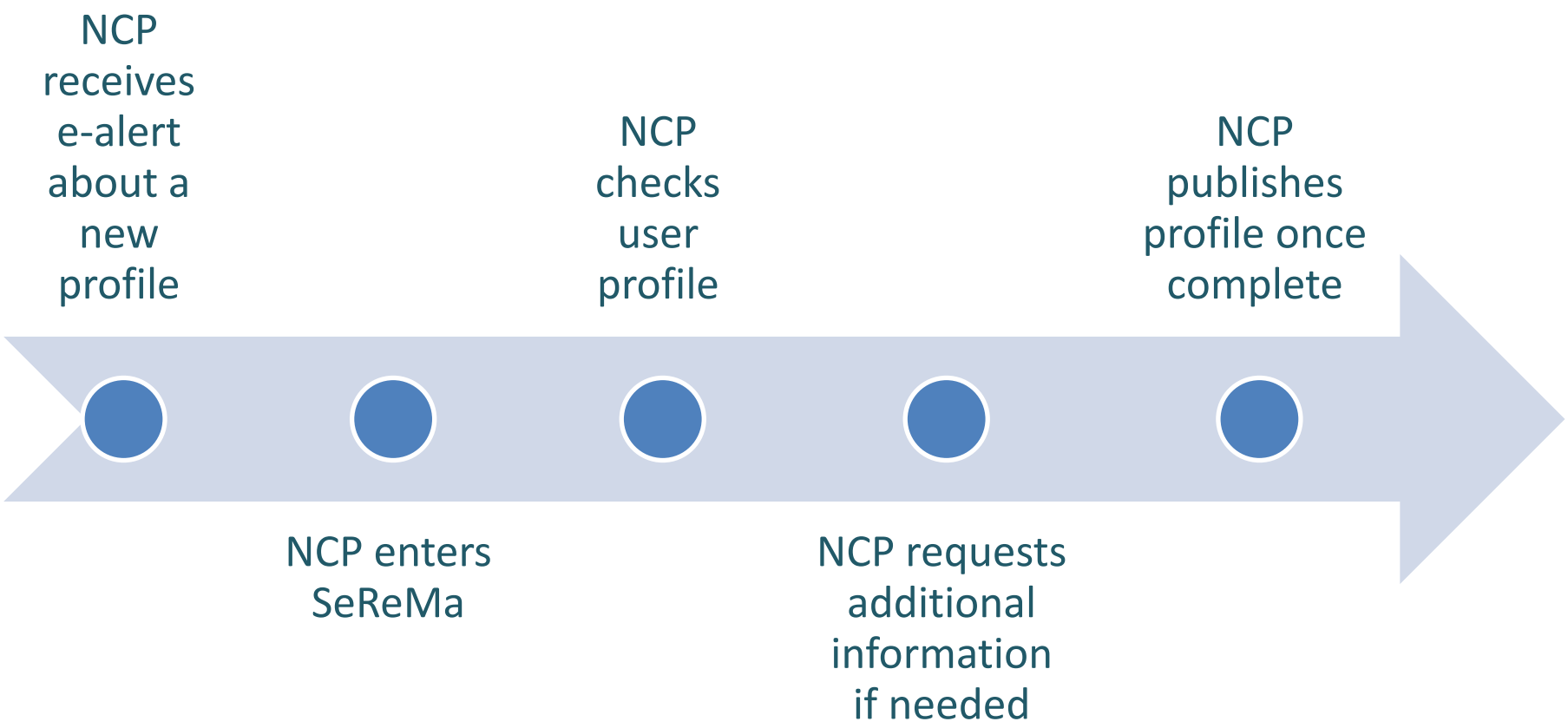
Quality Checking Profiles



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Thank you for your attention