



The SeReMa Database
Talía Passiar, Secure Societies
National Contact Point (NCP), Israel



What is SeReMa?



SeReMa – Security Research Map

A profile platform, partner search tool and project idea database



Co-funded by the Horizon 2020
Framework Programme of the European Union

BENEFITS



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



Search by
Involvement in EU funded programmes

Keyword



Partner Search

What's the Difference





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

Login

R&D profiles

Insert

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Search

Show all

Projects Ideas

Show All

Organisations

Austria	21
Belgium	28
Bosnia-Herzegovina	1
Bulgaria	4
Croatia	9
Cyprus	7
Czech Republic	9
Denmark	5
Estonia	5
Finland	11
France	34
Germany	13
Greece	12
Hungary	5
Ireland	2
Israel	19
Italy	20
Lithuania	4
Luxembourg	1
Malta	1
North Macedonia	1
Netherlands	5
Norway	4
Poland	15
Portugal	6
Romania	13
Serbia	1
Slovak Republic	4
Slovenia	1
South Africa	4
Spain	80
Sweden	4
Switzerland	4
Turkey	17
United Kingdom	21
Other	10
Total	417

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

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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Support & Finance



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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

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

Insert a Profile: RTD EXPERIENCES

RTD EXPERIENCES

Please list all the relevant RTD experiences of your organisation.

* Mandatory

	Project Coordinator	Project Partner	Project Acronyms <i>Insert each Acronym in a separate line</i>
FP7/H2020-Security	<input type="checkbox"/>	<input type="checkbox"/>	
FP7/H2020-ICT	<input type="checkbox"/>	<input type="checkbox"/>	
FP7/H2020-Energy	<input type="checkbox"/>	<input type="checkbox"/>	
FP7/H2020-Health	<input type="checkbox"/>	<input type="checkbox"/>	
FP7/H2020-Transport	<input type="checkbox"/>	<input type="checkbox"/>	
FP7/H2020-ENV	<input type="checkbox"/>	<input type="checkbox"/>	
FP7/H2020-SSH	<input type="checkbox"/>	<input type="checkbox"/>	
National Security Research Projects	<input type="checkbox"/>	<input type="checkbox"/>	
Other Security Research Projects	<input type="checkbox"/>	<input type="checkbox"/>	

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


Role within the Consortium



- ☐ Project Partner
☐ Project Coordinator

Type of activity

- | | |
|---|--|
| <input type="checkbox"/> Technology development | <input type="checkbox"/> Commercialisation |
| <input type="checkbox"/> Research | <input type="checkbox"/> Exploitation |
| <input type="checkbox"/> Training | <input type="checkbox"/> Demonstration |
| <input type="checkbox"/> Management | <input type="checkbox"/> Texting |
| <input type="checkbox"/> Dissemination | <input type="checkbox"/> Other |

Save





Security Research Map

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Search Form

Organisation Type

Field of Activity

H2020 Research Focus
New Calls Topics (2018-2020) were introduced in Nov. 2017 -> Number of hits may be low during first half of 2018

RTD Experience
☐ Project Coordinator
☐ Project Partner
☐ Project Coordinator & Project Partner

Country

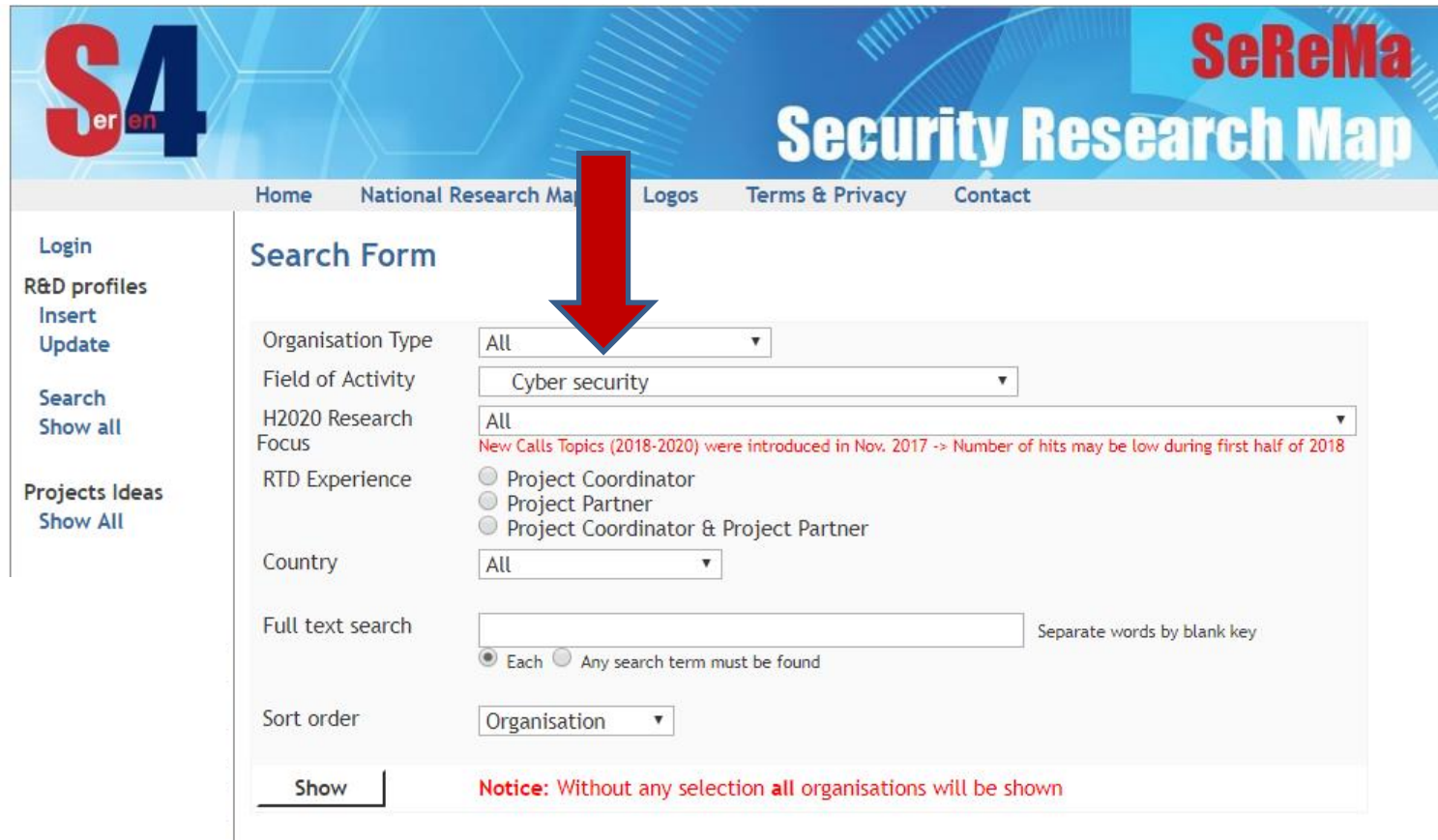
Full text search
☒ Each ☐ Any search term must be found Separate words by blank key

Sort order

Notice: Without any selection **all** organisations will be shown



Search Database – By Field of Activity



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Organisation Type: All

Field of Activity: Cyber security

H2020 Research Focus: All
New Calls Topics (2018-2020) were introduced in Nov. 2017 -> Number of hits may be low during first half of 2018

RTD Experience:
☐ Project Coordinator
☐ Project Partner
☐ Project Coordinator & Project Partner

Country: All

Full text search: Separate words by blank key
☒ Each ☐ Any search term must be found

Sort order: Organisation

Show **Notice:** Without any selection **all** organisations will be shown

Search Database – Results





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Organisations

Austria	21
Belgium	28
Bosnia-Herzegovina	1

Search results

Organisation (184)	Country
3D-Oxides R&D	France
AEGIS IT RESEARCH UG R&D	Germany
AFCON control and Automation Ltd Security and Systems	Israel
AIDA Group - Universidad Autónoma de Madrid Computer Science	Spain
AIT Austrian Institute of Technology GmbH Safety&Security	Austria
AIT Austrian Institute of Technology GmbH Foresight & Policy Development	Austria
Aitek S.p.A.	Italy
Alexandru Ioan Cuza Police Academy SECSAMP	Romania



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Search Database – By RTD Experience



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Search Form

Organisation Type: All
Field of Activity: Cyber security
H2020 Research Focus: All
RTD Experience: ☒ Project Coordinator, ☐ Project Partner, ☐ Project Coordinator & Project Partner
Country: All
Full text search: Separate words by blank key
Sort order: Organisation
Show **Notice:** Without any selection **all** organisations will be shown



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Search Database – By Project Idea



Search results



Inserted	Country	Project Title
Feb-2020	France	FEATURE H2020 Topic: SU-FCT02-2018-2019-2020: Technologies to enhance the fight against crime and terrorism
Jan-2020	Netherlands	CAN FD bus protection H2020 Topic: SU-DS05-2018-2019: Digital security, privacy, data protection and accountability in critical sectors
Jan-2020	France	Vibrotactile communication for working dogs H2020 Topic: SU-DR502-2018-2019-2020: Technologies for first responders
Jan-2020	Italy	TECHNOLOGIES FOR FIRST RESPONDERS-CRISES H2020 Topic: SU-DR502-2018-2019-2020: Technologies for first responders
Jan-2020	France	FAST DETECTION OF JIHADISM MATERIAL AND PREVENT ITS RE-UPLOAD H2020 Topic: SU-FCT02-2018-2019-2020: Technologies to enhance the fight against crime and terrorism



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Project Idea





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Project Idea

Organisation	Clotho AI
Inserted:	2020-02-21
Project Title	FEATURE
H2020 Topic List	SU-FCT02-2018-2019-2020: Technologies to enhance the fight against crime and terrorism
Role within the Consortium	* Project Partner
Type of activity	* Research * Dissemination * Demonstration
Project Description	<p>FEATURE means Forensic Evidence AssessmentT Using RELiable machine learning.</p> <p>The purpose of the project is to bridge the gap between existing frameworks such as Deep Learning and reliable AI in the context of the analysis of forensic evidence, with a primary interest in fingerprint identification and assessment, skeletal assessments, and gait analysis. As such, it has a concrete objective of developing court-admissible algorithms that perform the analysis of several types of forensic evidence.</p> <p>In order to do so, this project will foster:</p> <ul style="list-style-type: none">- Machine Learning research into frameworks which are suitable for these critical applications;- data collections which will allow the training of Machine Learning algorithms;- software development of the database and website hosting the data collection, and the prototyping of the Machine Learning algorithm;- developing the legal and ethical framework required;- validation of the algorithms by practitioners;- and any other supporting research or action which will help address a gap in this transition.

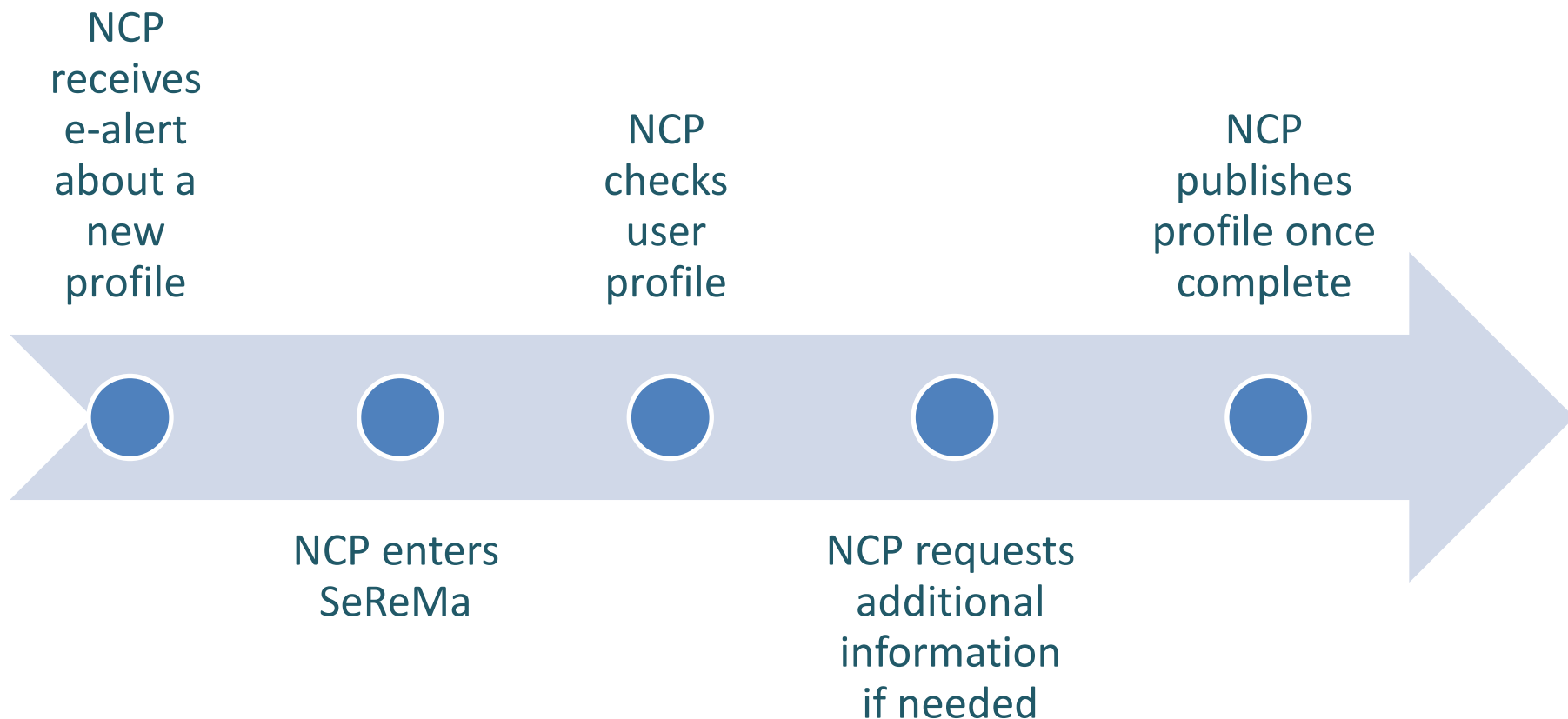
Israel

19



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Quality Checking Profiles



Thank you for your attention

<http://www.security-research-map.eu/>

