WWW.VINNOVA.SE

Horizon 2020 – Secure societies

Anna Halldén, National Contact Point, VINNOVA

Snabbfakta

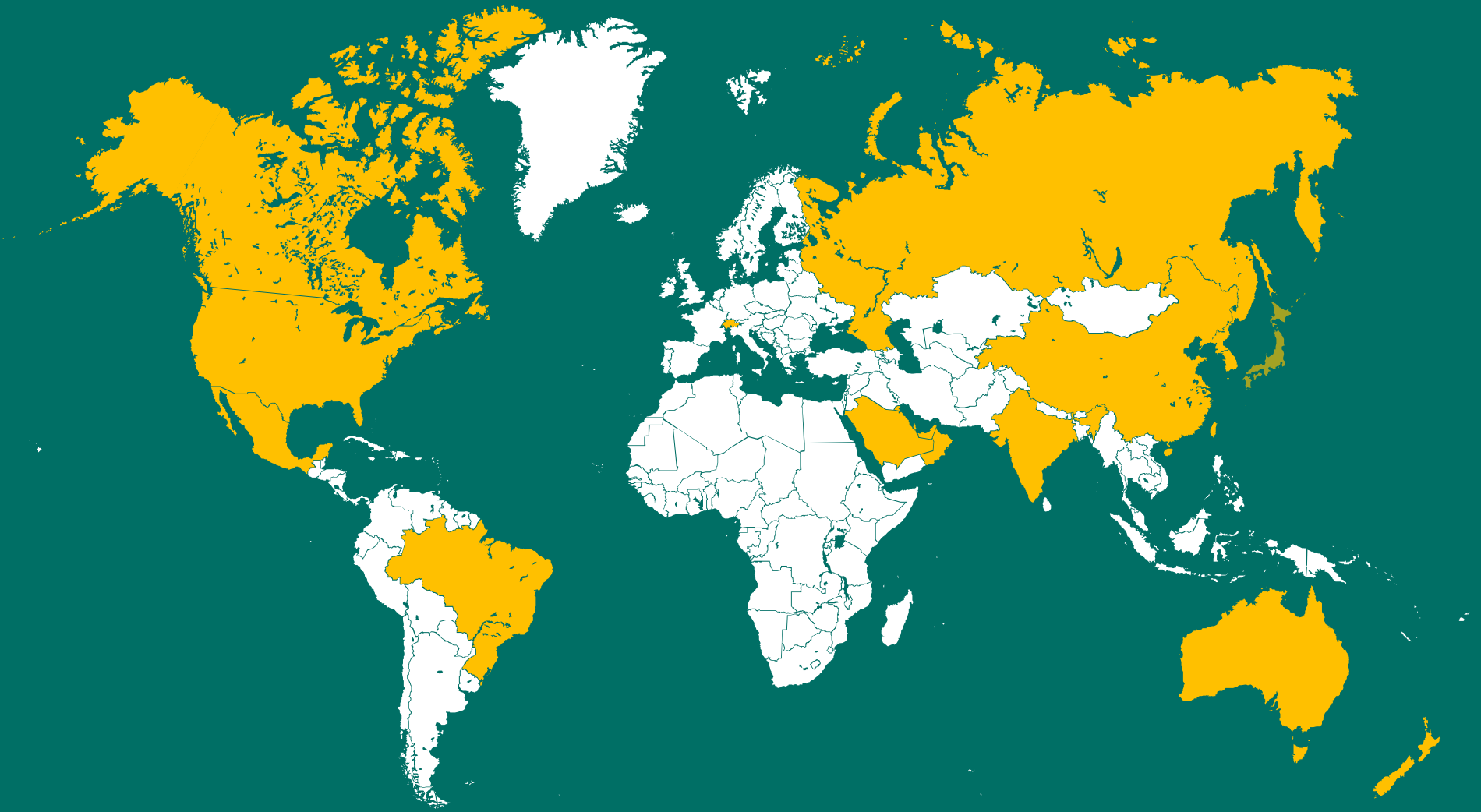
- Statlig myndighet under Näringsdepartementet
- Investerar varje år ca 2,7 miljarder kronor i forskning och utveckling
- Nationell kontaktmyndighet för Horisont 2020 EU:s ramprogram för forskning och innovation
- Drygt 200 personer på kontoren i Stockholm och Bryssel
- Generaldirektör är Charlotte Brogren

What is Horizon 2020?

- EU’s framework programme for research and innovation 2014-2020
- Nearly 80 billion euros during 7 years,
- Horizon 2020 focuses on turning scientific breakthroughs into **innovative products** and **services** that provide business opportunities and **change people's lives for the better.**

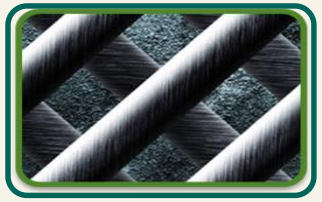
VINNOVA

Horizon 2020 is open for all...



Who can participate?

Universities and Research institutes

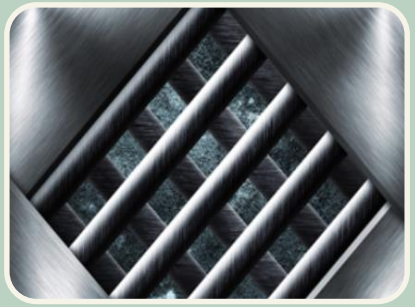


Big and small companies

Public sector

Civil society

Horizon 2020
The basics: three priorities



Excellent science

Industrial leadership

Societal challenges

WWW.VINNOVA.SE

Secure societies – Protecting freedom and security of Europe and its citizens

Anna Halldén, Nationell kontaktperson,
anna.hallden@vinnova.se

Biträdande NCP, MSB

Secure societies: a societal challenge, 1,7 b€

It concerns the protection of citizens, society and economy as well as Europe's assets, infrastructures and services, its prosperity, political stability and well-being.

Any malfunction or disruption, intentional or accidental, can have a detrimental impact with high associated economic or societal costs.

"Secure Societies" in Horizon 2020

Protecting Freedom and Security of Europe and its Citizens

1. Fight crime, illegal trafficking and terrorism, including understanding and tackling terrorist ideas and beliefs
2. Protect and improve the resilience of critical infrastructures, supply chains and transport modes
3. Strengthen security through border management
4. Improve cyber security
5. Increase Europe's resilience to crises and disasters
6. Ensure privacy and freedom, including in the Internet and enhancing the societal legal and ethical understanding of all areas of security, risk and management
7. Enhance standardisation and interoperability of systems, including for emergency purposes
8. Support the Union's external security policies including through conflict prevention and peace-building

Secure societies

- Maintains its mission driven character
- Supports EU internal and external security policies
- Strengthens the involvement of the end-users
- Takes more into account the Societal Dimension
- Includes Cyber-Security
- Supports the EU industry to be competitive

The Three Calls

- Critical infrastructure protection – CIP
- Security (4 sub-calls) – SEC
  - Disaster Resilience – DRS
  - Fight Against Crime and Terrorism – FCT
  - Border Security and External Security – BES
  - General Matters - GM
- Digital Security – DS

The two dead-lines

- 17:00 on the 25:th of August 2016
- 17:00 on the 24:th of August 2017

Exceptions

- Beware, the digital security (DS) call has multiple dead-lines (16 Feb 2016, 25 Apr 2016, 25 Aug 2016, 25 Apr 2017)

Calls and budget (€M)

Calls	2016	2017	Total
Critical Infrastructure Protection	20	20	40
Security	113,25	121,75	235
Digital Security	29 (63,50)	36 (54,50)	65 (118)
SME instrument	15,37	14,67	30,04
Other Actions	7,72	4,6	12,32
Total	185,34	197,02	382,36

Example

SEC-15-BES–2017: Risk-based screening at border crossing

- *Specific Challenge*
  - The concept of 'borders' has changed in recent times…However, borders must also allow for the smooth movement of people and goods. Maintaining the current level of checks is becoming increasingly expensive given the ever growing volumes of people and goods on the move…It would remain sustainable if thorough checks could be limited to fewer individual goods and people pre-selected further to a preliminary risk-based screening of the flows.
- *Scope*
  - Proposals should take account of the four-tier access control model developed in the EU; measures undertaken in, or jointly with third countries or service providers, cooperation with neighbouring countries; border control and counter-smuggling measures…Building upon lessons learned and field experience is essential. Particular attention should be paid to personal data protection and to other ethical concerns that may arise from the development of risk-based screening at borders.
- *Expected Impact*
  - Short term: Enhanced situational awareness for border control practitioners, Improved risk-management coordination and cooperation.
  - Long term: Improved and people-respectful border automated screening systems

Type of action: Innovation action

Type of projects in Horizon 2020

- **Research and innovation project**
- **Innovation project**
- **Coordination and support action**
- Pre-Commercial Procurement project, Prizes, SME instrument, ERAnet Cofund etc.

Participant Portal
– The Gate to EU-projects

Contains all documentation - be selective!

Top three documents:

- **Work-Programme**
  - Defines the project content
- **Proposal Template**
  - Includes guidance notes in all parts
  - Is ’hidden’ inside the application procedure
- **General Annexes**
  - List of countries, eligibility criteria, funding rates, evaluation etc.

http://ec.europa.eu/research/participants/portal

Horizon 2020
The National Contact Point (NCP) role and the Programme Committee (PC) role

NCP

Creation of the Work Programme (call text)

Stimulating the R&D community in Sweden

Monitoring of the evaluation and selection

PC

PC

VINNOVA

Support from National Contact Points

- Information about Horizon 2020
  - Information days
  - Thematic workshops
  - One-on-one meetings
  - Legal and financial advice
- Training courses
- Analysis and statistics of Swedish participation
- Following the development and content of Horizon 2020

Why should the public sector participate?

Access to State-of-the art & knowledge of the consortia

High risk ideas

Development & access to advanced technologies/methods