

## Guide

# WHY AND HOW TO PARTICIPATE IN HORIZON2020 SECURITY RESEARCH

## ENGLISH SUMMARY

### Introduction to Horizon2020

Horizon2020 is the EU's new programme for research and innovation running from 2014 to 2020, and has a budget of nearly EUR 80 billion. Horizon2020 replaces the Seventh Framework Programme for Research (FP7) that ran from 2007 to 2013 and had a budget of EUR 55 billion. Horizon2020 brings together several initiatives into a single programme, and addresses 'societal challenges', including security. The programme aims to enhance Europe's global competitiveness and to create new growth and jobs in Europe. However, civil society organisations (CSOs) are currently under-represented in EU-funded security research.

### Purpose of the guide

Under the Framework 7 Programme, a consortium was funded—called SecurePART—to help increase the engagement of CSOs in EU-funded security research. This consortium has developed a guide to Horizon2020 aimed specifically at CSOs considering participating in research into security and related issues at a European level. The guide briefly explains Horizon2020 and gives instructions for CSOs that want to apply for security funding and so must navigate the Horizon2020 website.

### Security research within Horizon2020

Horizon2020 is divided into a number of sections, one of which is called '*Societal Challenges*'. This section includes a funding call relating to security, entitled '*Secure societies – Protecting freedom and security of Europe and its citizens*'. The '*Secure Societies*' challenge focuses primarily on technological research and innovation in relation to the following issues:

- Fight crime, illegal trafficking and terrorism, including understanding and tackling terrorist ideas and beliefs
- Protect and improve the resilience of critical infrastructures, supply chains and transport modes
- Strengthen security through border management
- Improve cyber security
- Increase Europe's resilience to crises and disasters
- Ensure privacy and freedom, including in the Internet, and enhance the societal legal and ethical understanding of all areas of security, risk and management
- Enhance standardisation and interoperability of systems, including for emergency purposes



- Support the Union's external security policies, including conflict prevention and peace building.

(Source: <http://ec.europa.eu/programmes/horizon2020/en/area/security>)

It covers all the research and development of technologies and knowledge for building capabilities to ensure the security of European citizens from threats such as terrorism, natural disasters and crime, while respecting fundamental human rights (e.g. the right to privacy).

However, the guide points out that security issues are covered to some extent within other Societal Challenges: Health, Demographic Change and Wellbeing; Food Security, Sustainable Agriculture and Forestry, Marine and Maritime and Inland Water Research and the Bioeconomy; Smart, Green and Integrated Transport; Climate Action, Environment, Resource Efficiency and Raw materials; and Europe in a Changing World – Inclusive, innovative and reflective societies. However, the term 'security' is used differently within other contexts and the focus and approach therefore varies. In addition, security concerns are generated by research in the fields such as genetic engineering, nanotechnology and chemical technology—covered within the area of Industrial Leadership.

CSOs may be interested the development of solutions to security problems, or the societal issues and controversies raised by EU research and innovation. The guide highlights a number of concerns potentially relevant to CSOs and citizens: the impact of surveillance technologies on privacy; the safety of nuclear power, nano-technologies or GM crops; and the value of space research to society. Further information is available in the guide for CSOs interested in exploring opportunities advertised via the EU Commission website.

## Developing a proposal to submit under Horizon2020

The SecurePART Guide outlines practical steps for CSOs interested in submitting a research proposal to the Horizon2020 research funding programme. It suggests that CSOs:

1. Review calls published by the EU Commission on its website:

<http://ec.europa.eu/programmes/horizon2020/>

The website is not so easy to navigate, but the steps are illustrated within the guide.

2. Identify potential partner organisations by attending “info days” organised by the EU Commission, joining online discussion groups and searching EU project websites.
3. Obtain support from the National Contact National Contact Point (NCP).
4. Make their organisation visible via key databases, such as the ‘Security Research European Map’: <http://www.security-research-map.eu/>
5. Understand the main components of funding proposals to submit to the EU.