

# מענקי מו"פ בשנת 2018-2020 בתוכנית Horizon 2020 בנושאי: Digital Security and Infrastructure

## Focus

- Strengthen the competitiveness of the EU industry and will enable its development as world leader in the global market
- Innovative solutions and services in digital security, privacy and personal data protection
- Protect and improve the resilience of critical infrastructures and soft targets.

## Funding Tools for Israeli Partners

### • Horizon 2020

- Consortium- at list 3 partners from 3 different European Member States (Including Israel)
- Funding tools: Each with 25% Indirect costs
  - ✓ Research & Innovation (RIA) - Development of new technology, product, service or solution – 100%
  - ✓ Innovation (IA) - Implementation of R&D results – 70%
  - ✓ Coordination and Support Action (CSA) – 100%
- No Royalties payment or EU share of the developed IP
- All projects evaluated based on Excellence, Impact and Implementation

### • Small Medium Enterprises (SME) Instrument

- Single partner - should have high-potential innovation
- Less than 250 employees and less than 50 M€ in annual turnover or 43 M€ of balance sheet
- Phased Support –
  - Phase 1 - Feasibility assessment. 50,000 € for a 6 month period
  - Phase 2 - Innovation project. 0.5-2.5 M€ for 1-2 years
- 4 cut off dates a year – all bottom up

### • Fast Track to Innovation (FTI)

- Consortium- between 3-5 partners from 3 different European Member States (Including Israel)
- Actions are to be 'business-driven' and give breakthrough innovation ideas
- Substantial industry involvement is mandatory
- 3 cut off dates a year – all bottom up

### • Bilateral Agreements

- Funding - 20%-50% for the Israeli partner by the Israel Innovation Authority
- Open only to industrial/commercial companies
- Funding available through [Bilateral](#) calls, [Eurostars](#) or [EUREKA](#)

## Relevant Platforms

- European Cyber Security cPPP: ECS-cPPP: <https://ec.europa.eu/digital-single-market/en/cybersecurity-industry>
- ENISA (European Network and Information Security Agency): <https://www.enisa.europa.eu/>
- NIS PPP (Network and Information Security Public Private Platform): <https://resilience.enisa.europa.eu/nis-platform>



**Objectives and funding tools:**

**2018-2019-2020 Secure Societies Call:**

Area	Topic	Budget (M€)	Funding Terms
<a href="#"><u>Cybersecurity, Digital Privacy and data protection</u></a>	<a href="#"><u>SU-DS01-2018</u></a> : Cybersecurity preparedness - cyber range, simulation and economics	16.00	IA - 70% €5-6M per project
	<a href="#"><u>SU-DS03-2019-2020</u></a> : Digital Security and privacy for citizens and Small and Medium Enterprises and Micro Enterprises	<b>2019</b> : 18.00	a: IA - 70% €4-5M per project b: IA - 70% €3-4M per project
	<a href="#"><u>SU-DS04-2018-2020</u></a> : Cybersecurity in the Electrical Power and Energy System (EPES): an armour against cyber and privacy attacks and data breaches	<b>2018</b> : 20.00	IA - 70% €6-8M per project
	<a href="#"><u>SU-DS05-2018-2019</u></a> : Digital security, privacy, data protection and accountability in critical sectors <b>2018</b> – Digital security, privacy and personal data protection in finance <b>2019</b> – Digital security, privacy and personal data protection in multimodal transport <b>2019</b> - Digital security, privacy and personal data protection in healthcare ecosystem	<b>2018</b> : 8.50 <b>2019</b> : 20.00	a (2019): IA - 70% €5M per project b (2019): RIA- 100% €5M per project c (2018): IA - 70% €3-4M per project
<a href="#"><u>Protecting the infrastructure of Europe and the people in the European smart cities</u></a>	<a href="#"><u>SU-INFRA01-2018-2019-2020</u></a> : Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe	<b>2018</b> : 24.00 <b>2019</b> : 22.00	IA - 70% €7-8M per project
	<a href="#"><u>SU-INFRA02-2019</u></a> : Security for smart and safe cities, including for public spaces	16.00	IA - 70% €8M per project

**2018** - Opening: 15 Mar 2018 Deadline: 23 Aug 2018

**2019** - Opening: 14 Mar 2019 Deadline: 22 Aug 2019

**2020** – Opening and Deadline: To be defined

חוק הפיקוח על יצוא ביטחוני, התשס"ז-2007, אליו יש להתייחס לפני ההגשה לתחומי הביטחון:

<http://www.exportctrl.mod.gov.il/Hakika/Pages/PIKHA.aspx>

**למידע נוסף - מחלקת ICT ו-Security:**

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## 2018-2019-2020 ICT Call:

Area	Topic	Budget (M€)	Funding Terms
<a href="#"><u>Cybersecurity in ICT</u></a>	<a href="#"><u>SU-ICT-01-2018</u></a> : Dynamic countering of cyber-attacks	40.00	IA – 70% €4-5M per project
	<a href="#"><u>SU-ICT-02-2020</u></a> : Building blocks for resilience in evolving ICT systems	47.00	RIA - 100% €4-5M per project
	<a href="#"><u>SU-ICT-03-2018</u></a> : Establishing and operating a pilot for a Cybersecurity Competence Network to develop and implement a common Cybersecurity Research & Innovation Roadmap	50.00	RIA - 100% €16M per project
	<a href="#"><u>SU-ICT-04-2019</u></a> : Quantum Key Distribution testbed	15.00	IA – 70% €15M per project

[SU-ICT-03-2018](#) - Opening: 01 February 2018 Deadline: 29 May 2018

[SU-ICT-01-2018](#) - Opening: 15 March 2018 Deadline: 28 Aug 2018

[SU-ICT-04-2019](#) - Opening: 26 July 2018 Deadline: 14 November 2018

[SU-ICT-02-2020](#) - Opening: 25 July 2019 Deadline: 19 November 2019

## 2018-2019-2020 Health Call:

Area	Topic	Budget (M€)	Funding Terms
<a href="#"><u>Trusted digital solutions and Cybersecurity in Health and Care</u></a>	<a href="#"><u>DT-TDS-01-2019</u></a> : Smart and healthy living at home	60.00	IA – 70% €15-20M per project
	<a href="#"><u>SU-TDS-02-2018</u></a> : Toolkit for assessing and reducing cyber risks in hospitals and care centres to protect privacy/data/infrastructures	35.00	RIA - 100% €3-5M per project
	<a href="#"><u>SU-TDS-03-2018</u></a> : Raising awareness and developing training schemes on cybersecurity in hospitals	1.00	CSA – 100% €1M per project

**2018** - Opening: 07 Nov 2017 Deadline: 24 Apr 2018

**2019** - Opening: 26 July 2018 Deadline: 14 Nov 2018

## 2018-2019-2020 Space Call:

Area	Topic	Budget (M€)	Funding Terms
<a href="#"><u>Leadership in Enabling and Industrial Technologies - Space</u></a>	<a href="#"><u>SPACE-EGNSS-1-2019-2020</u></a> : Applications fostering green, safe and smart mobility - Aviation, Road, Maritime, Rail & Public transportation	10.00	IA – 70% €1-3M per project
	<a href="#"><u>SPACE-EGNSS-2-2019-2020</u></a> : Development of EGNSS applications with contribution to digitisation of products and services	4.00	IA - 70% €1-3M per project

**2019** - Opening: 16 Oct 2018 Deadline: 05 Mar 2019

**2020** – Opening and Deadline: To be defined

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**2018-2019-2020 Transport Call:**

Area	Topic	Budget (M€)	Funding Terms
<u><a href="#">Smart, Green and Integrated Transport</a></u>	<u><a href="#">MG-2-8-2019</a></u> : Innovative applications of drones for ensuring safety in transport (taking into account cybersecurity)	15.00	RIA - 100% €3-5M per project
	<u><a href="#">MG-2-9-2019</a></u> : InCo Flagship on Integrated multimodal, low-emission freight transport systems and logistics (with aspects of privacy and cybersecurity)	14.00	RIA - 100% €3-7M per project
	<u><a href="#">MG-3-2-2018</a></u> : The Autonomous Ship - Cybersecurity solutions to enable secure safe and reliable data connectivity that are resistant to both malicious intervention and system failure	20.00	IA - 70% €10-20M per project
	<u><a href="#">MG-4-1-2018</a></u> : New regulatory frameworks to enable effective deployment of emerging technologies and business/operating models for all transport modes. Protection with regard to security (including cybersecurity), safety, data protection, social protection, ethics, etc	2.00	CSA – 100% €1-2M per project

2018 - Opening: 31 Oct 2017 Deadlines: 30 Jan 2018 (First Stage) 19 Sep 2018 (Second Stage) (MG-4-1: 04 Apr 2018)  
2019 - Opening: 05 Sep 2018 Deadlines: 16 Jan 2019 (First Stage) 12 Sep 2019 (Second Stage)

**Prize:**

Area	Topic	Budget (M€)	Funding Terms
<u><a href="#">Seamless authentication for all</a></u>	<u><a href="#">Inducement prize</a></u> : Online security - Seamless personal authentication	4.00	€2.8M for the winner(s) €0.7M for the 1st runner-up €0.5M for the 2nd runner-up

Opening: 27 Sep 2017 Deadline: 27 Sep 2018

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