

מענקי מחקר ופיתוח לשנת 2017

בנושאי פוטוניקה

Focus:

Technological developments in networks & photonics:

- Application areas: Agile optical core and metro networks

Funding Tools for Israeli Partners: Horizon 2020

- Consortium - At least 3 partners from 3 different European Member States (including Israel)
- Funding tools:
 - Research & Innovation Action (RIA) - Development of new technology, product, service or solution – 100%
 - Innovation Action (IA) - Implementation of R&D results – 70%
 - SME Instrument - Phase 1 - feasibility study (50 K€ per project), Phase 2 - innovation projects (70% funding), Phase 3 - indirect support measures and services (no funding)
- Indirect costs - 25%
- No Royalties payment
- IPR - no EU share of the developed IP



Relevant Agendas and Platforms:

- **Photonics21 (European Technology Platform for photonics):**
<http://www.photonics21.org/>
- **Photonics PPP (Public-Private Partnership):**
<http://www.photonics21.org/AboutPhotonics21/Photonics-PPP/Structures-Processes-and-Statutes.php>

Objective	Funding Tools	Budget	Deadline
ICT-30-2017: Photonics KET 2017			25 April 2017
a. Application driven core photonic technology (6-8 M€ per project), photonic integrated circuit (PIC) technology(3-4 M€ per project), disruptive approaches to optical manufacturing by 2 and 3 D opto-structuring (3-4 M€ per project)	Research & Innovation (100%)	43 M€	
b.1. Reinforce the competitiveness of photonics and end-user industries, in particular SMEs (8-10 M€ per project) b.2. Address validation and demonstration of photonic based systems for the target applications (6-8 M€ per project)	Innovation (70%)	43 M€	
c. Supporting the industrial strategy for photonics in Europe	Coordination & Support (100%)	3 M€	