



TURKEY_{in}
HORIZON 2020
COOPERATION AND INNOVATION COOPERATIVENESS

TURKEY IN HORIZON 2020
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H2020 General Training


The New Work Programme 2018/20








The Scope of the next WP

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- The third and final Workprogramme of H2020 covers 3 years, 2018 to 2020.
- The publication of this Workprogramme by the EC is expected in October 2017.
- Drafts may be available before the summer break.
- The structure of H2020 will remain the same, but the focus within each pillar/topic area will be different.
- The "Focus Area" will be re-designed.

Example: HEALTH

Personalised Medicine

- Understanding health, well-being and disease
- Preventing, treating and managing diseases
- Active ageing and self-management of health
- Health care provision and integrated care



Priority 1: Better health and care, economic growth and sustainable health systems

- Personalised medicine, Innovative health and care industry, Improving global health, Innovative health and care delivery, ...

Priority 2: Decoding the role of the overall environment for health and well-being

Priority 3: Digital transformation in Health and Care

Priority 4: Trusted Big Data solutions and Cybersecurity for Health and Care



2018/20 Envisaged Scope	2016/17 Topic Areas
1. Ensuring future-proof connectivity and preparing for the internet of the future	3. Future Internet
2. Building on European strengths and supporting the digitization of industry	
2.1 Electronics and Photonics	6. ICT Key Enabling Technologies
2.2 Advanced computing and Cloud computing	2. Advanced Computing and Cloud Computing
2.3 Robotics	5. Robotics and Autonomous Systems
3. Building a competitive and inclusive data-driven economy and society	4. Content
4. Cross-cutting activities and new high-potential areas	
4.1 Cross-sectorial and integrated large scale pilots and digital platforms	
4.2 Digital Automation (FoF cPPP)	2016/17 Focus Area
4.3 Internet of Things	2016/17 Focus Area
4.4 Cyber security	2016/17 SC7 Secure Societies
4.5 Artificial intelligence	
5. Boosting digital innovation capacity across Europe and supporting standards	7. Innovation and Entrepreneurship support
6. Further developing an ambitious international agenda ... (Brazil, Japan and South Korea).	9. International Cooperation Activities (China, Mexico, low and middle income countries)
	1. A new generation of components and systems
	8. Responsibility and Creativity

The New Focus Areas

The current Focus Area consists of specific calls in the areas:

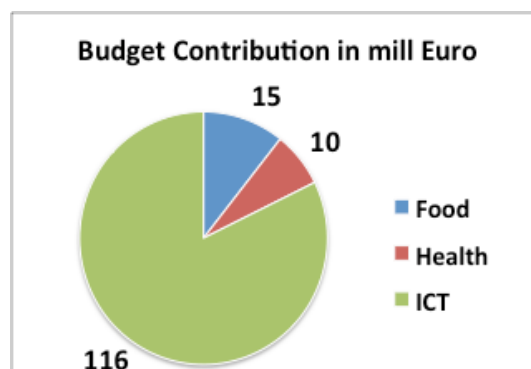
- **INDUSTRY 2020 IN THE CIRCULAR ECONOMY**
PILOTS
FACTORIES OF THE FUTURE – FOF
SUSTAINABLE PROCESS INDUSTRIES – SPIRE
CIRCULAR ECONOMY
- **INTERNET OF THINGS**
- **SMART AND SUSTAINABLE CITIES**



The New Focus Areas

The budget is currently shared by different parts of the Work-programme.

For example IoT:



The New Focus Areas

In 2018/20 Focus areas are in effect 'virtual calls', which constitute the linking of topics from respective parts of Horizon 2020.

The 'contributing' calls and topics will remain within the structure and logic of their respective work programme parts.



The New Focus Areas

Focus Area: Building a low-carbon, climate resilient future

Focus area: Digitising and transforming European industry and services

Focus Area: Connecting economic and environmental gains – the Circular Economy

Focus area: Boosting the effectiveness of the Security Union



More information on ...



http://ec.europa.eu/programmes/horizon2020/sites/horizon2020/files/17_thematic_papers.zip

http://ec.europa.eu/programmes/horizon2020/sites/horizon2020/files/stratprog_overarching_version_for_publication.pdf

