



Gabinete de Promoção dos
Programa Quadro ID&I

Programa de Trabalho 2016-2017

Tecnologias da Informação e da Comunicação

Elisabete Pires

Eunice Ribeiro | João Mil-Homens

Funchal

10 dezembro de 2015

FCT
Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR



H2020

Excellent Science

~ EUR 24 400 M

- **European Research Council**
 - Frontier research by the best individual teams
- **Future and Emerging Technologies**
 - Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie actions**
 - Opportunities for training and career development
- **Research infrastructures** (including e-infrastructure)
 - Ensuring access to world-class facilities

Industrial Leadership

~ EUR 17 800 M

- **Leadership in enabling and industrial technologies**
 - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- **Access to risk finance**
 - Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
 - Fostering all forms of innovation in all types of SMEs

Societal Challenges

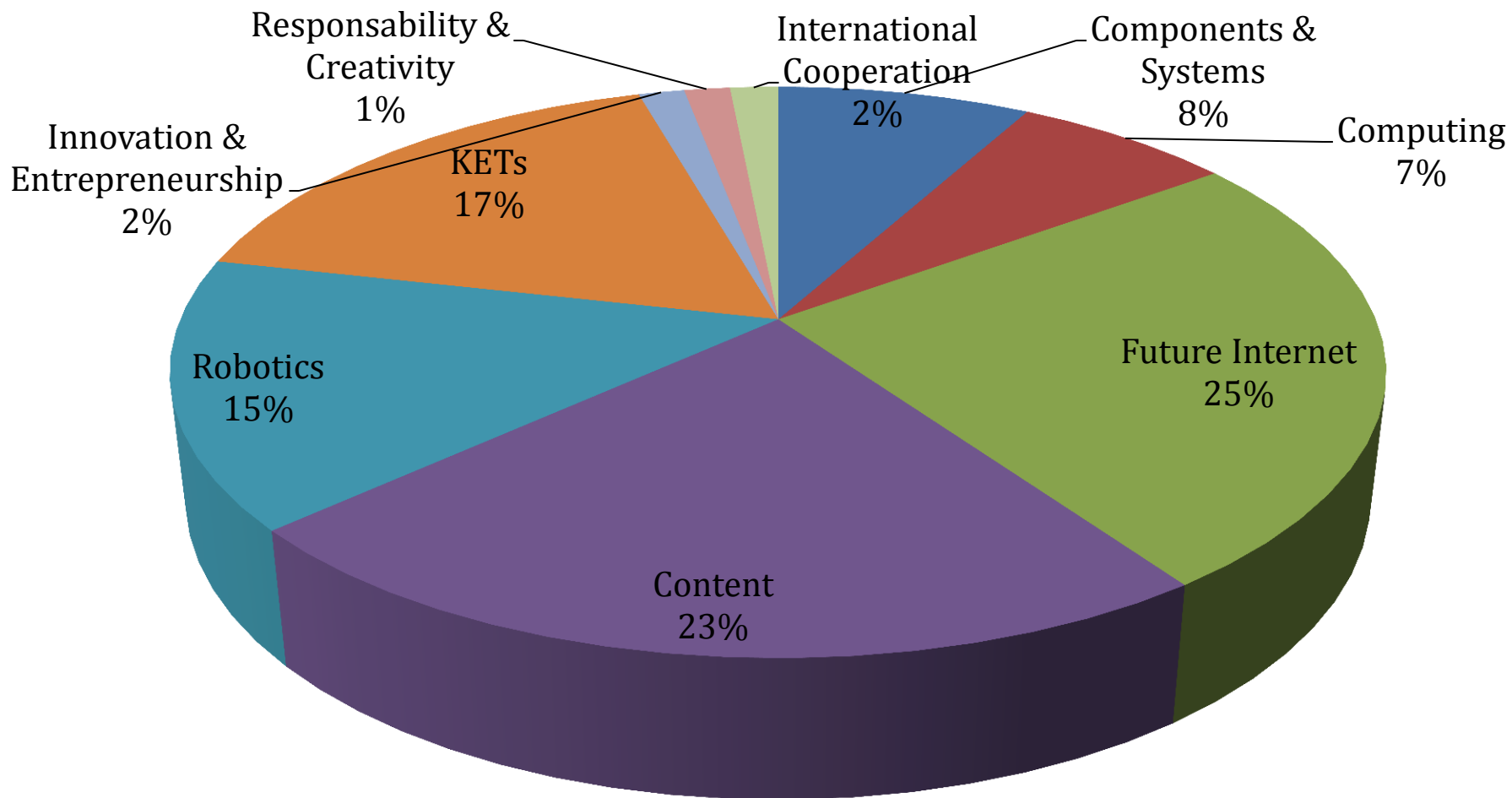
~ EUR 29 700 M

1. Health, demographic change and wellbeing
2. Food security, sustainable agriculture, marine and maritime research & the bioeconomy
3. Secure, clean and efficient energy
4. Smart, green and integrated transport
5. Climate action, resource efficiency and raw materials
6. Inclusive, innovative and reflective societies
7. Security society

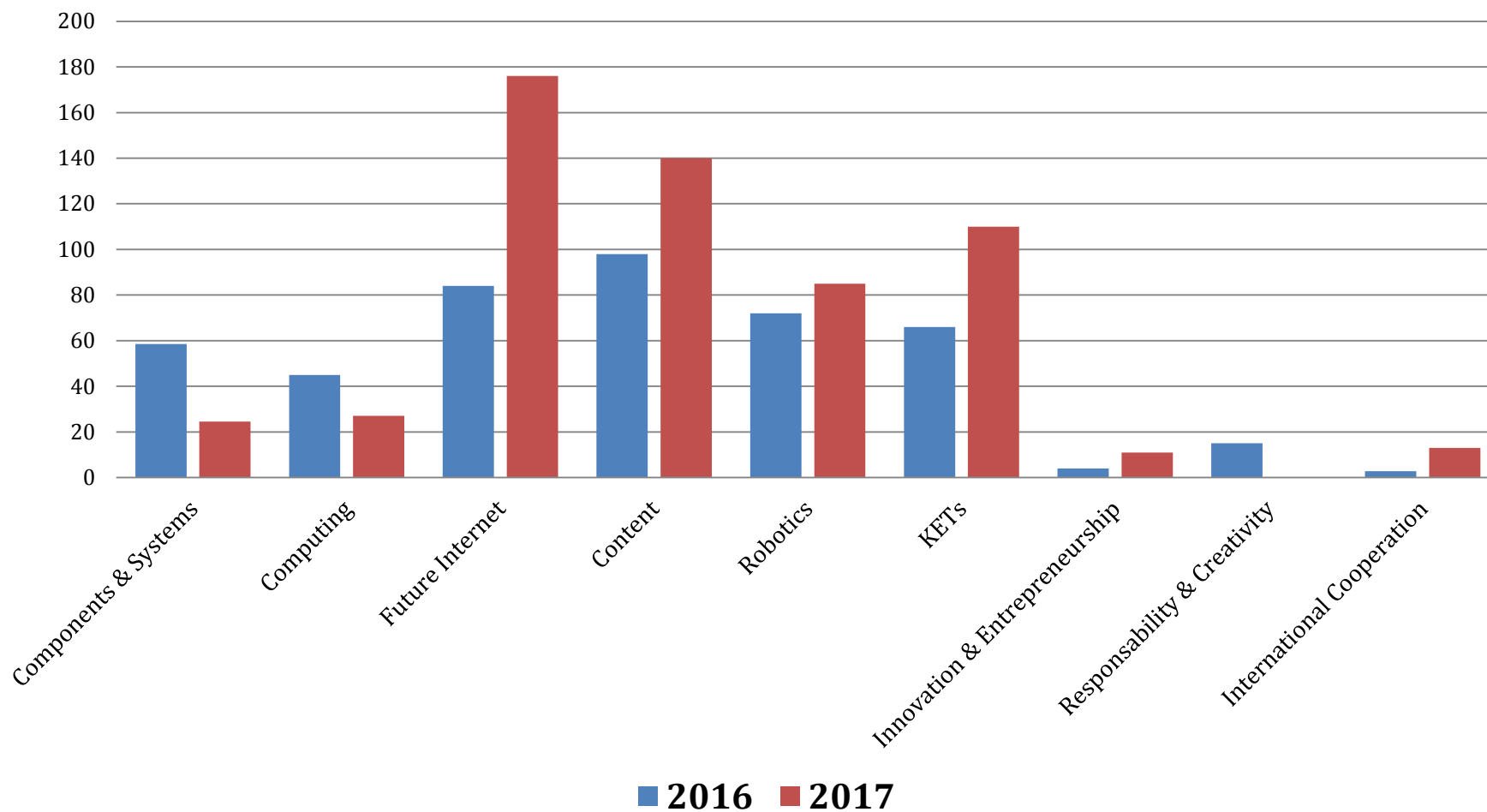
LEIT ICT WORK PROGRAMME 2016 – 2017

- Components and Systems
- Advanced Computing and Cloud Computing
- Future Internet
- Content
- Robotics
- KETs: Micro-nano-electronics and Photonics
- Innovation & Entrepreneurship
- Responsibility & Creativity
- International Cooperation
- Open Disruptive Innovation

CALL H2020-ICT-2016-2017



CONCURSO H2020-ICT-2016-2017



Internet do Futuro

Tópico	Temas principais	Inst	TRL	M€/p	Total (M€)
ICT-10	<i>Software Technologies</i>	RIA	-	3-5	38
ICT-12	<i>Net Innovation Initiative</i>	IA	-	2-6	15
		RIA	-	2-5	5
		CSA	-	0,2	0,2
ICT-13	<i>FIRE</i>	RIAs	3-7	10	25
				5	
		CSA	-	1	1



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Documentação...

LEIT ICT WORK PROGRAMME 2016 – 2017

FET WORK PROGRAMME 2016 – 2017

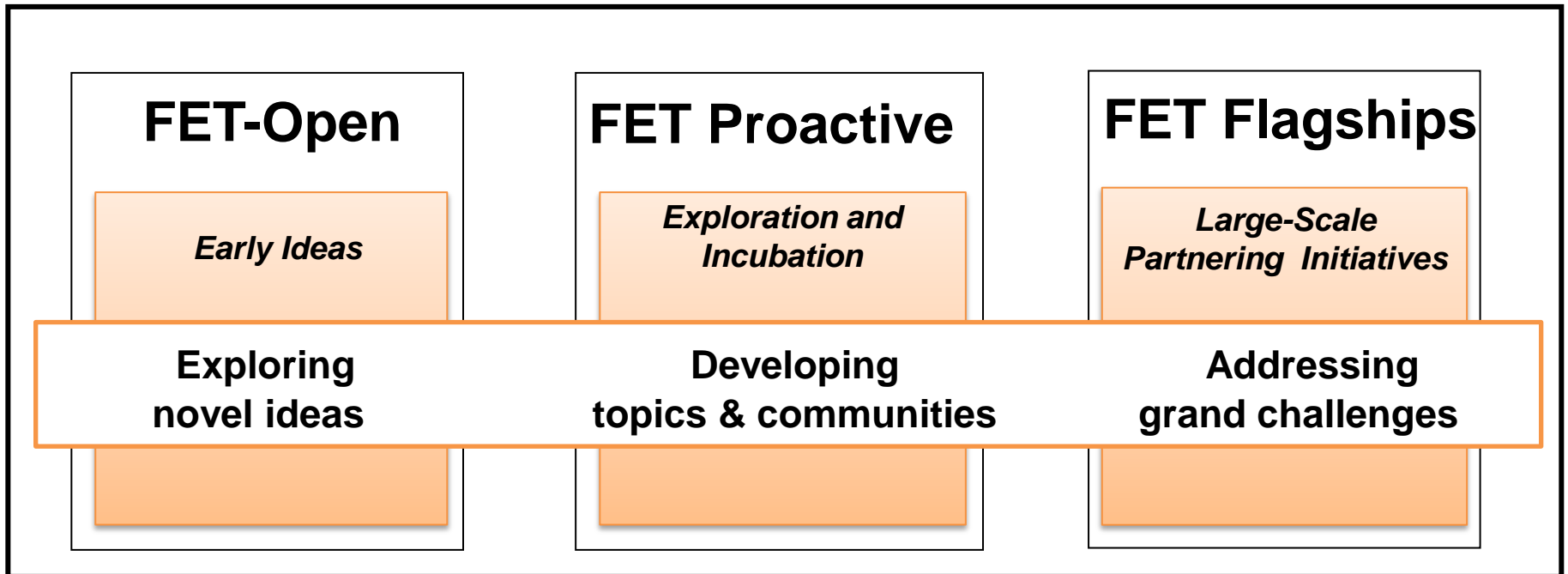
SC 1 - SC7 WORK PROGRAMMES 2016 – 2017

CROSS-CUTTING ACTIVITIES WORK PROGRAMME 2016 – 2017

<https://ec.europa.eu/programmes/horizon2020/en/draft-work-programmes-2016-17>

Tecnologias Futuras e Emergentes (FET)

Open, light and agile ← → Roadmap based research



As TIC nos Desafios Societais

- **Big Data**

- **SC1 - Health: Big Data supporting Public Health policies** (topic: SC1-PM-18–2016)
- **SC4 - Transport: Innovative ICT solutions for future logistics operations** (topic: MG-5.2-2017)
- **SC6 – Inclusive Societies: Policy-development in the age of Big Data** (topic: CO-CREATION-06-2017)
- **SC6 – Inclusive Societies: European cultural heritage, access and analysis for a richer interpretation of the past** (topic: CULT-COOP-09-2017)

- **Robotics**

- **SC1 – Health: Robotics-based solutions for active and healthy ageing** (topic: SC1-PM-14–2016)
- **SC2 - Food: Robotics advances for precision farming** (topic: SFS-05-2017)

Atividades Transversais (*Cross-cutting activities*)

ICT for the Factories of the Future		
FOF-11	<i>Digital Automation</i>	53M€
FOF-13	<i>Photonics Laser-based production</i>	30M€
Internet of Things		
IoT-01	<i>Large Scale Pilots</i>	100M€
IoT-02	<i>IoT Horizontal Activities</i>	4M€
Smart and Sustainable Cities		
SCC-1	<i>Lighthouse projects</i>	60M€
SCC-2	<i>Demonstrating nature-based solutions</i>	40M€
SCC-3	<i>Urban re-naturing</i>	15M€

Contacte-nos...

FET
ICT
Energia



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FET | ICT
ECSEL
NCP para a Administração Pública



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ICT | Apoio a PME
Fast Track
ECSEL



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