

# Desafio de Societal 6

## *A Europa num Mundo em Mudança*



Gabinete de Promoção dos Programas Quadro ID&I



# Desafio de Societal 6

Co-  
Creation

Reversing  
Inequalities

Understanding  
Europe

Engage  
Globally



# Co-creation For Growth And Inclusion

**Submissão até 02 de Fevereiro de 2017!**

- ✓ CO-CREATION-01-2017: Education and skills: empowering Europe's young innovators (IA) 5M
- ✓ CO-CREATION-04-2017: Applied co-creation to deliver public services (IA) 4-5 M
- ✓ CO-CREATION-06-2017: Policy-development in the age of big data: data-driven policy-making, policy-modelling and policy-implementation (RIA 4- 5 M, CSA – 0.5 M)
- ✓ CO-CREATION-07-2017: Towards a new growth strategy in Europe - Improved economic and social measurement, data and official statistics (RIA – 2M, CSA- 1M)
- ✓ CO-CREATION-08-2016/2017: Better integration of evidence on the impact of research and innovation in policy making (RIA – 1-1.5 M)



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# Reversing Inequalities

**Submissão até 02 de Fevereiro de 2017!**

- ✓ REV-INEQUAL-09-2017: Boosting inclusiveness of ICT-enabled research and innovation (CSA -3M)
- ✓ **NOVIDADES para 2017 (a publicar em breve)**
  - ✓ REV-INEQUAL-11-2017: Current European and cross-national comparative research and research actions on Migration (CSA-2M)
  - ✓ REV-INEQUAL-12-2017: Research Social Platform on Migration and Asylum (CSA-2M)
  - ✓ REV-INEQUAL-13-2017: Research on employability, skills and labour market integration of migrants (RIA – 2,5M)



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# Engage together Globally

**Submissão até 02 de Fevereiro de 2017!**

- ✓ ENG-GLOBALLY-01-2017: Strengthening Europe's position in the global context: science diplomacy and intercultural relations (RIA-2.5M)
- ✓ ENG-GLOBALLY-02-2017: Shifting global geopolitics and Europe's preparedness for managing risks, mitigation actions and fostering peace (RIA-5M)
- ✓ ENG-GLOBALLY-03-2017: The European Union and the global challenge of migration (RIA-5M)
- ✓ ENG-GLOBALLY-04-2017: Science diplomacy for EU neighbourhood policies (CSA-1.5M)
- ✓ ENG-GLOBALLY-05-2017: The strategic potential of EU external trade policy (RIA-2.5M)



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# Engage together Globally

## Submissão até 02 de Fevereiro de 2017!

- ✓ ENG-GLOBALLY-06-2017: The Asia-Pacific as a strategic region for Europe (RIA-2.5M)
- ✓ ENG-GLOBALLY-07-2017: The European Union and Central Asia (CSA-1.5M)
- ✓ ENG-GLOBALLY-08-2016/2017: EU-China cooperation on sustainable urbanisation (RIA-2.5, CSA-1.5)
  
- ✓ **NOVIDADE PARA 2017 (a publicar em breve)**
  - ✓ ENG-GLOBALLY-10-2017: Migration and asylum systems (RIA – 2M)



# Understanding Europe

- ✓ CULT-COOP-01-2017: Democratic discourses and the rule of law (RIA-5M)
- ✓ CULT-COOP-02-2017: Improving mutual understanding among Europeans by working through troubled pasts (RIA-2.5M)
- ✓ CULT-COOP-03-2017: Cultural literacy of young generations in Europe (RIA-5M)
- ✓ CULT-COOP-04-2017: Contemporary histories of Europe in artistic and creative practices (RIA-2.5M)
- ✓ CULT-COOP-05-2017: Religious diversity in Europe - past, present and future (RIA-2.5M)
- ✓ CULT-COOP-06-2017: Participatory approaches and social innovation in culture (RIA-2.5M, CSA 1.5M)
- ✓ CULT-COOP-07-2017: Cultural heritage of European coastal and maritime regions (RIA-2.5M)



# Understanding Europe

## Submissão até 02 de Fevereiro de 2017!

- ✓ CULT-COOP-09-2017: European cultural heritage, access and analysis for a richer interpretation of the past (RIA- 2-3 M)
- ✓ CULT-COOP-11-2016/2017: Understanding the transformation of European public administrations (RIA-4-5 M, CSA-0.5 M)
- ✓ **NOVIDADES PARA 2017 (a publicar em breve)**
  - ✓ **Novo Tópico!!** CULT-COOP-12-2017: The significance of cultural and core values for the migration challenge
  - ✓ **Introdução da *Two-Stage Submission* nos tópicos CULT-COOP**





# Understanding Europe – Novo Calendário Submissão!

CULT-COOP-01-2017 (RIA)		27.50	02 Feb 2017 (First stage)
CULT-COOP-02-2017 (RIA)			13 Sep 2017 (Second stage)
CULT-COOP-03-2017 (RIA)			
CULT-COOP-04-2017 (RIA)			
CULT-COOP-05-2017 (RIA)			
CULT-COOP-06-2017 (RIA)			
CULT-COOP-07-2017 (RIA)			
CULT-COOP-12-2017 (RIA)			
CULT-COOP-09-2017 (RIA)		9.00	
CULT-COOP-06-2017 (CSA)		1.50	02 Feb 2017
CULT-COOP-10-2017 (ERA-NET-Cofund)		5.00	
CULT-COOP-11-2016-2017 (RIA)		7.00	



# Calls Desafio Societal 6

## CO-CREATION FOR GROWTH AND INCLUSION

### CO-CREATION-01-2017: Education and skills: empowering Europe's young innovators

Specific Challenge: **Creativity, entrepreneurial skills, risk taking adaptability and innovation** capacity, problem solving skills, skills related to effective teamwork and sharing information and knowledge, may all be key competitive advantages for Europeans, starting from young children.

To make the best of this potential, it is essential that schools and educational institutions, as well as **non-formal** ways of learning, empower Europe's young innovators with the skills they need from early on in life. Empowering the young through **skills for innovation and entrepreneurship**, including **social entrepreneurship**, is particularly important to building more inclusive societies giving opportunities to all, including **young innovators from less privileged backgrounds or those with disabilities** in order to address inequalities.

The challenge to be addressed by this topic is to improve learning and teaching in innovation-related skills for **young boys and girls at the age of primary and secondary education** through the design and piloting of new innovative ways of skills education, including technologies, processes and relations.



- **CO-CREATION-01-2017: Education and skills: empowering Europe's young innovators**

## Scope:

**New approaches for educating skills** need to be developed, piloted and scaled up. There is a lack of sufficient **collaboration with entrepreneurial stakeholders in teaching and students practice**, and a lack of **inter-generational learning**. Young people need to be supported with tools, resources and an open environment encouraging experimentation and the development of joint projects including based on interdisciplinary approaches. Effective supporting schemes should guide young people into their entrepreneurial journey.

Building upon existing initiatives in Europe, the consortia (which shall **include entrepreneurial partners, and may include partners from civil society and the social economy**) shall develop new approaches and innovative models for skills education **targeted at young people**.

The involvement of young people in the activities of the consortium (not just as recipients of the outputs) is essential. This may include new inter-active methods and new pedagogical modules that will be easily accessible and part of an open platform, which will aim to reach out to thousands of schools and learning sites across Europe. The innovative schemes and new modules will enable the young, future innovators, to develop new capabilities and experimentation attitudes and turn their ideas into successful entrepreneurial and social projects.



# Calls Desafio Societal 6

Promising **new models combining technologies with organizational change** and building new participatory relations in learning processes - can be tested and adapted in different regions. The innovative models shall be piloted through the schools and/or other businesses and communities, providing young people with a practical set of creative and entrepreneurial skills that will open them up to a world of new possibilities and future jobs.

Within the scope of the action is to develop new models, to investigate and to test new mechanisms that the young generation is engaging in, for addressing societal challenges coupled with an entrepreneurial spirit as well as effective ways and mechanisms for collecting and promoting innovative ideas from the young people. **Particular attention should be paid to gender issues.**

The action should take into account and coordinate with, where appropriate, with other EU and national initiatives in the field, such as those supported in the **context of Erasmus+ strategic partnerships and policy experimentation.**



# Calls Desafio Societal 6

- **CO-CREATION-01-2017: Education and skills: empowering Europe's young innovators**

## Expected Impact:

The action will pave the way for innovating learning and teaching practices, so that **innovation skills are part of a person's education, formal and informal, at schools and interacting communities as well as on-line**. This will boost innovation and entrepreneurship capacity, bringing together many stakeholders including from **education, traditional business, the social and service economy and volunteering schemes**. It will thereby empower young innovators across Europe, provide for innovative business models and give them tools to engage in society and channel their energies to create opportunities for the future. In the long run the topic contributes to higher youth employment and to creating new markets and new jobs.

The knowledge generated as a result of the actions should be **disseminated across Europe to benefit the largest numbers of young innovators**.

Type of Action: Innovation action (2.5 M)



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



AGÊNCIA NACIONAL  
DE INOVAÇÃO

# *Science with and for Society (SWAFS)*



Gabinete de Promoção dos Programa Quadro ID&I



# O Programa SWAFS no H2020

Apoiar a UE a tornar-se líder mundial em ciência

*Excelência Científica*



Fortalecer a liderança industrial em inovação

*Liderança Industrial*



Abordar as principais preocupações partilhadas por todos os europeus

*Desafios Societais*



**Spreading Excellence – 0,8 B€**

**Science with and for Society – 0,5 B€**

**EIT 2,7 B€**

**JCR 1,9 B€**

**EURATOM 1,6 B€**



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# O Programa de Trabalhos SWAFS 2016-2017

## ✓ Desafio

“to foster and support the appropriate settings and collaboration to conduct R&I with and for Society”

## ✓ Objetivos



**Quatro temas fundamentais no WP 2016-2017:**

- ✓ **Institutional Change to support RRI** in Research Performing and Funding Organisations
- ✓ **Embedding RRI in Horizon 2020** Research & Innovation
- ✓ **Strengthening the SWAFS Knowledge-Base**
- ✓ **Developing Inclusive, Anticipatory Governance** for Research & Innovation





# Programa SWAFS: oportunidades de financiamento em 2017

Temas	Tópicos	Orçamento 2017 (M€)	Datas de submissão
Institutional Change to Support RRI	<b>SwafS-03-2016-2017:</b> Support to research organisations to implement gender equality plans (CSA)	6,1	30 de Agosto de 2017
	<b>SwafS-05-2017:</b> New constellations of Changing Institutions and Actors (CSA)	7,1	
	<b>SwafS-06-2017:</b> Engaging industry – Champions for RRI in Industrial Sectors (CSA)	7,1	
	<b>SwafS-08-2017:</b> European Community of Practice to support institutional change (RIA)	3	
Embedding RRI	<b>SwafS-10-2017:</b> Putting Open Science into action (RIA)	3	



# Programa SWAFS: oportunidades de financiamento em 2017

Temas	Tópicos	Orçamento 2017 (M€)	Datas de submissão
Strengthening SWAFS Knowledge-Base	<b>SwafS-11-2017:</b> Science education outside the classroom (RIA)	3	30 de Agosto de 2017
	<b>SwafS-12-2017:</b> Webs of Innovation Value Chains and Openings for RRI (RIA)	3	
	<b>SwafS-13-2017:</b> Integrating Society in Science and Innovation – An approach to co-creation (RIA)	4	
	<b>SwafS-14-2017:</b> A Linked-up Global World of RRI (RIA)	3	



# Programa SWAFS: oportunidades de financiamento em 2017

Temas	Tópicos	Orçamento 2017 (M€)	Datas de submissão
Developing Inclusive, Anticipatory Governance for RRI	<b>SwafS-21-2017:</b> Promoting integrity in the use of research results in evidence based policy: a focus on non-medical research (CSA)	4,2	30 de Agosto de 2017
	<b>SwafS-22-2017:</b> The ethical dimensions of IT technologies: a European perspective focusing on security and human rights aspects (CSA)	4,2	
	<b>SwafS-23-2017:</b> Responsible Research and Innovation (RRI) in support of sustainability and governance, taking account of the international context (CSA)	3	
	<b>SwafS-24-2017:</b> Trans-national operation of the EURAXESS Service network (CSA)	3,85	



ERC

Sociedades

S&S



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