

## HORIZONTE 2020 - Programa de Trabalhos 2016-2017 do Desafio Societal 5 (DS5) "Ação climática, Ambiente, Eficiência de Recursos e Matérias-Primas"

Tópicos de I&I 2017

| Referência tópico   | Título  | Ano  | Tipo de projeto | M€ por projeto | Concurso     | Deadline                                   |
|---|---|------|-----------------|----------------|--------------|--|
| <b>Call: greening the economy</b>                                 |   |      |                 |                |              |  |
| <b>Climate Services</b>   |   |      |                 |                |              |  |
| SC5-01b-2017  | <a href="#">Exploiting the added-value of climate services: From climate service concepts to piloting and proof-of-concept</a>  | 2017 | RIA             | 5              | Single Stage | 7 Mar 2017                                 |
| SC5-02-2017   | <a href="#">Integrated European regional modelling and climate prediction system</a>  | 2017 | RIA             | 13             | Single-stage | 7 Mar 2017                                 |
| SC5-04-2017   | <a href="#">Towards a robust and comprehensive greenhouse gas verification system</a>   | 2017 | RIA             | 10             | Single-stage | 7 Mar 2017                                 |
| <b>Towards a low-carbon Europe</b>                                |   |      |                 |                |              |  |
| SC5-06c-2017  | <a href="#">Pathways towards the decarbonisation and resilience of the European economy in the timeframe 2030-2050 and beyond: The risks and costs of climate change for Europe</a> | 2017 | RIA             | 4-5            | Single-stage | 7 Mar 2017                                 |
| SC5-07-2016   | <a href="#">Coordinating and supporting research and innovation actions on the decarbonisation of the EU economy</a>  | 2017 | CSA             | 2,5-3          | Single-stage | 7 Mar 2017                                 |
| <b>Nature-based solutions for territorial resilience</b>          |   |      |                 |                |              |  |
| SC5-08-2017   | <a href="#">Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction</a>   | 2017 | IA              | pelo menos 12  | Two-stage    | 1ª fase: 7 Mar 2017<br>2ª fase: 5 Set 2017 |
| <b>Raw Materials</b>  |   |      |                 |                |              |  |
| SC5-13c-2017  | <a href="#">New solutions for sustainable production of raw materials: New sensitive exploration technologies</a>   | 2017 | RIA             | 3-7            | Single-stage | 7 Mar 2017                                 |
| SC5-14b-2017  | <a href="#">Raw materials Innovation actions: Processing of lower grade and/or complex primary and/or secondary raw materials in the most sustainable ways</a>                      | 2017 | IA              | 8-13           | Two-stage    | 1ª fase: 7 Mar 2017<br>2ª fase: 5 Set 2017 |
| SC5-14c-2017  | <a href="#">Raw materials Innovation actions: Sustainable metallurgical processes</a>   | 2017 | IA              | 8-13           | Two-stage    | 1ª fase: 7 Mar 2017<br>2ª fase: 5 Set 2017 |
| SC5-15b-2017  | <a href="#">Raw materials policy support actions: Good practice in waste collection systems</a>   | 2017 | CSA             | 1,5            | Single-stage | 7 Mar 2017                                 |
| SC5-15c-2017  | <a href="#">Raw materials policy support actions: Optimising collection of raw materials data in Member States</a>  | 2017 | CSA             | 1,5            | Single-stage | 7 Mar 2017                                 |
| SC5-15d-2017  | <a href="#">Raw materials policy support actions: Linking land use planning policies to national mineral policies</a>   | 2017 | CSA             | 1,5            | Single-stage | 7 Mar 2017                                 |
| SC5-15e-2017  | <a href="#">Raw materials policy support actions: EU network of mining and metallurgy regions</a>   | 2017 | CSA             | 3              | Single-stage | 7 Mar 2017                                 |
| SC5-15f-2017  | <a href="#">Raw materials policy support actions: EU network of regions on sustainable wood mobilisation (wood supply)</a>  | 2017 | CSA             | 1,5            | Single-stage | 7 Mar 2017                                 |
| SC5-16c-2017  | <a href="#">Raw materials international co-operation: International network of raw materials training centres</a>   | 2017 | CSA             | 1              | Single-stage | 7 Mar 2017                                 |
| <b>Earth Observation</b>  |   |      |                 |                |              |  |
| SC5-18-2017   | <a href="#">Novel in-situ observation systems</a>   | 2017 | RIA             | 4-5            | Single-stage | 7 Mar 2017                                 |
| SC5-19-2017   | <a href="#">Coordination of citizens' observatories initiatives</a>   | 2017 | CSA             | 1              | Single-stage | 7 Mar 2017                                 |
| <b>Cultural Heritage for sustainable growth</b>                   |   |      |                 |                |              |  |
| SC5-21b-2017  | <a href="#">Cultural heritage as a driver for sustainable growth: Heritage-led rural regeneration</a>   | 2017 | IA              | 10             | Two-stage    | 1ª fase: 7 Mar 2017<br>2ª fase: 5 Set 2017 |
| SC5-22-2017   | <a href="#">Innovative financing, business and governance models for adaptive re-use of cultural heritage</a>   | 2017 | RIA             | 5              | Single-stage | 7 Mar 2017                                 |
| <b>Support to policy and preparing for innovation procurement</b> |   |      |                 |                |              |  |
| SC5-26-2017   | <a href="#">Pre-commercial procurement on soil decontamination</a>  | 2017 | PCP             | 5              | Single-stage | 7 Mar 2017                                 |
| SC5-31-2017   | <a href="#">Widening international cooperation activities on climate adaptation and mitigation</a>  | 2017 | CSA             | 2              | Single-stage | 7 Mar 2017                                 |
| <b>Cross-cutting activities (Focus Areas)</b>                     |   |      |                 |                |              |  |

| Circular Economy  |  |      |                            |               |              |  |
|---|--|------|----------------------------|---------------|--------------|--|
| CIRC-01b-2017   | <a href="#">Systemic, eco-innovative approaches for the circular economy: large-scale demonstration projects: Systemic services for the circular economy</a> | 2017 | IA                         | 4-7           | Two-stage    | 1ª fase: 7 Mar 2017<br>2ª fase: 5 Set 2017                                 |
| CIRC-02b-2017   | <a href="#">Water in the context of the circular economy: Towards the next generation of water systems and services—large scale demonstration projects</a>   | 2017 | IA                         | 10            | Two-stage    | 1ª fase: 7 Mar 2017<br>2ª fase: 5 Set 2017                                 |
| Smart and Sustainable Cities: Sustainable Cities through nature-based solutions |  |      |                            |               |              |  |
| SCC-02b-2017  | <a href="#">Demonstrating innovative nature-based solutions in cities: Nature-based solutions for inclusive urban regeneration</a>                           | 2017 | IA                         | pelo menos 10 | Two-stage    | 1ª fase: 7 Mar 2017<br>2ª fase: 5 Set 2017                                 |
| SMEinst-11-2017 (1ª fase)   | <a href="#">Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials</a>                | 2017 | SME instrument** (1ª fase) | 50 k€         | Single-stage | Cut-off dates:<br>15 Feb 2017<br>03 Mai 2017<br>06 Set 2017<br>08 Nov 2017 |
| SMEinst-11-2017 (2ª fase)   | <a href="#">Boosting the potential of small businesses in the areas of climate action, environment, resource efficiency and raw materials</a>                | 2017 | SME instrument** (2ª fase) | 0,5-2,5       | Single-stage | Cut-off dates:<br>18 Jan 2017<br>06 Abr 2017<br>01 Jun 2017<br>18 Out 2017 |

\* Concurso Two-stage: apenas as propostas com classificação mínima na 1ª fase (Excelência: min 4; Impacto: min 4) poderão submeter à 2ª fase; poderá haver tópicos onde a pontuação mínima possa ser superior

**RIA - Research and Innovation Action** (financiamento: 100%); Action primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution. For this purpose they may include basic and applied research, technology development and integration, testing and validation on a small-scale prototype in a laboratory or simulated environment.

**IA - Innovation Action** (70% dos custos diretos elegíveis, com exceção das entidades sem fins lucrativos que podem ser reembolsadas a 100%); Action primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services. For this purpose they may include prototyping, testing, demonstrating, piloting, large-scale product validation and market replication.

**CSA - Coordination and Support Action** (financiamento: 100%; Actions consisting primarily of accompanying measures such as standardisation, dissemination, awareness-raising and communication, networking, coordination or support services, policy dialogues and mutual learning exercises and studies, including design studies for new infrastructure and may also include complementary activities of strategic planning, networking and coordination between programmes in different countries.