



Gabinete de Promoção do
Programa Quadro ID&I

Prioridades de I&I no Horizonte 2020 Desafio Societal Ação Climática

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Ordem dos Engenheiros
LISBOA

19/06/2018

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



Alterações climáticas no Horizonte 2020

Objetivo global de alocar pelo menos **35% do orçamento global do H2020** a ações relacionadas com a ação climática

ipcc
INTERGOVERNMENTAL PANEL ON
climate change

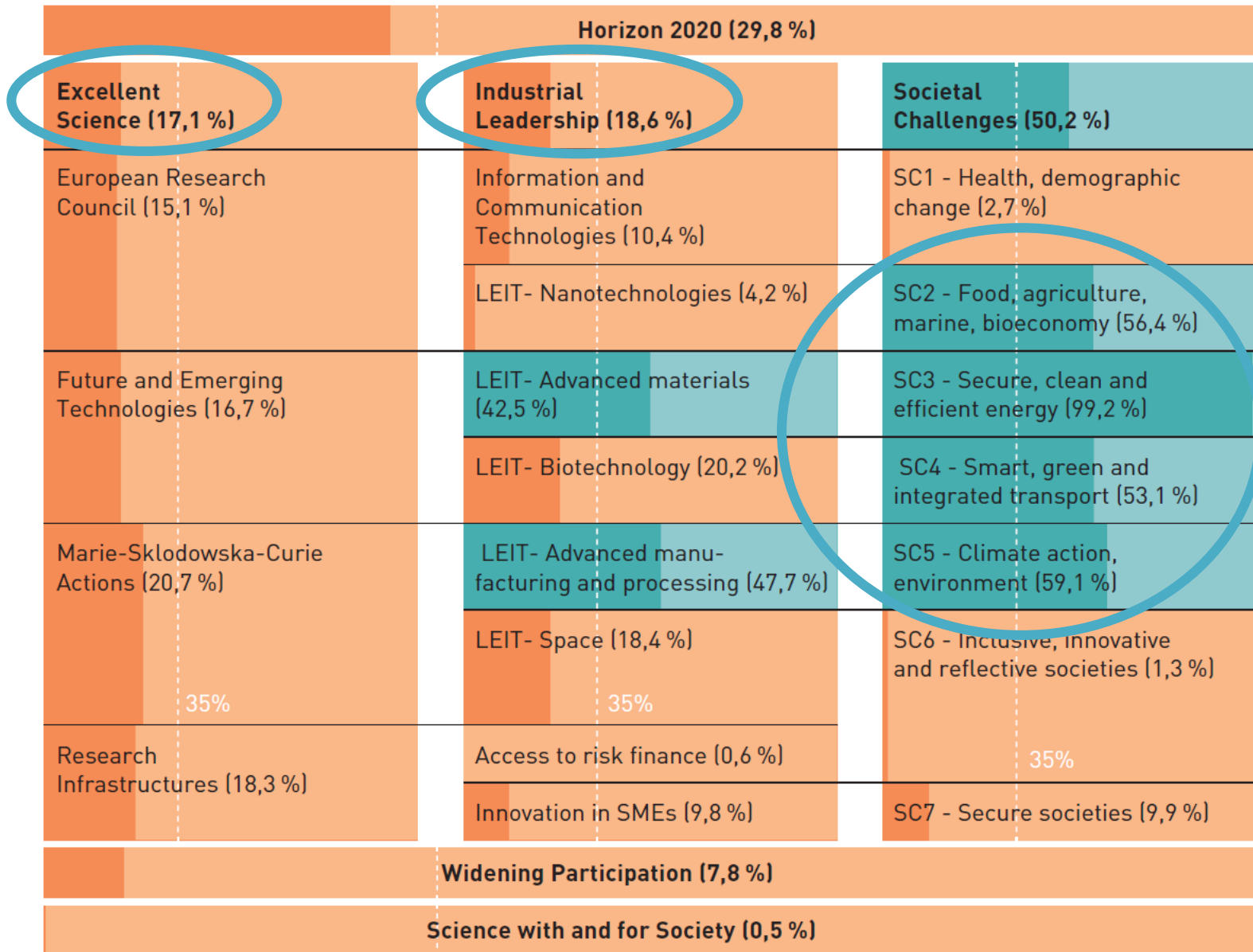


COP21 - CMP11
PARIS 2015
UN CLIMATE CHANGE CONFERENCE

SUSTAINABLE GOALS



Alterações climáticas no Horizonte 2020



Alterações climáticas no Horizonte 2020



<http://doi.org/10.5281/zenodo.1195214>

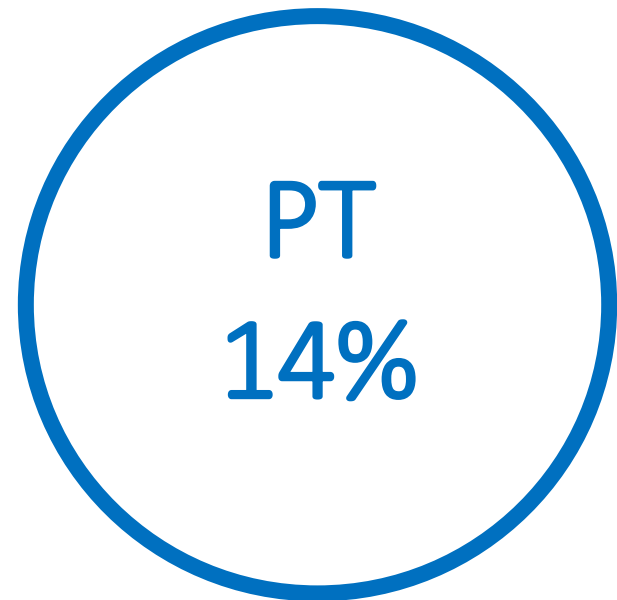
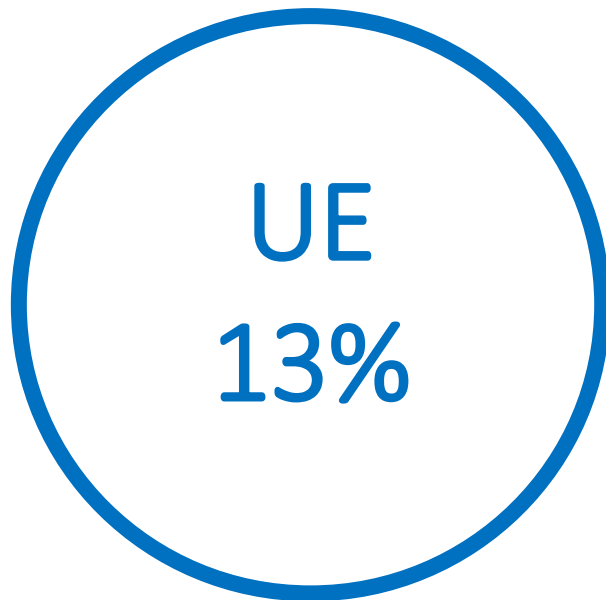
Participação Nacional 2014-2017

- **Propostas: 9043**
- **Projetos aprovados: 1269**
- **Projetos coordenados: 363**
- **Participantes: 1829**
- **Financiamento para PT:**

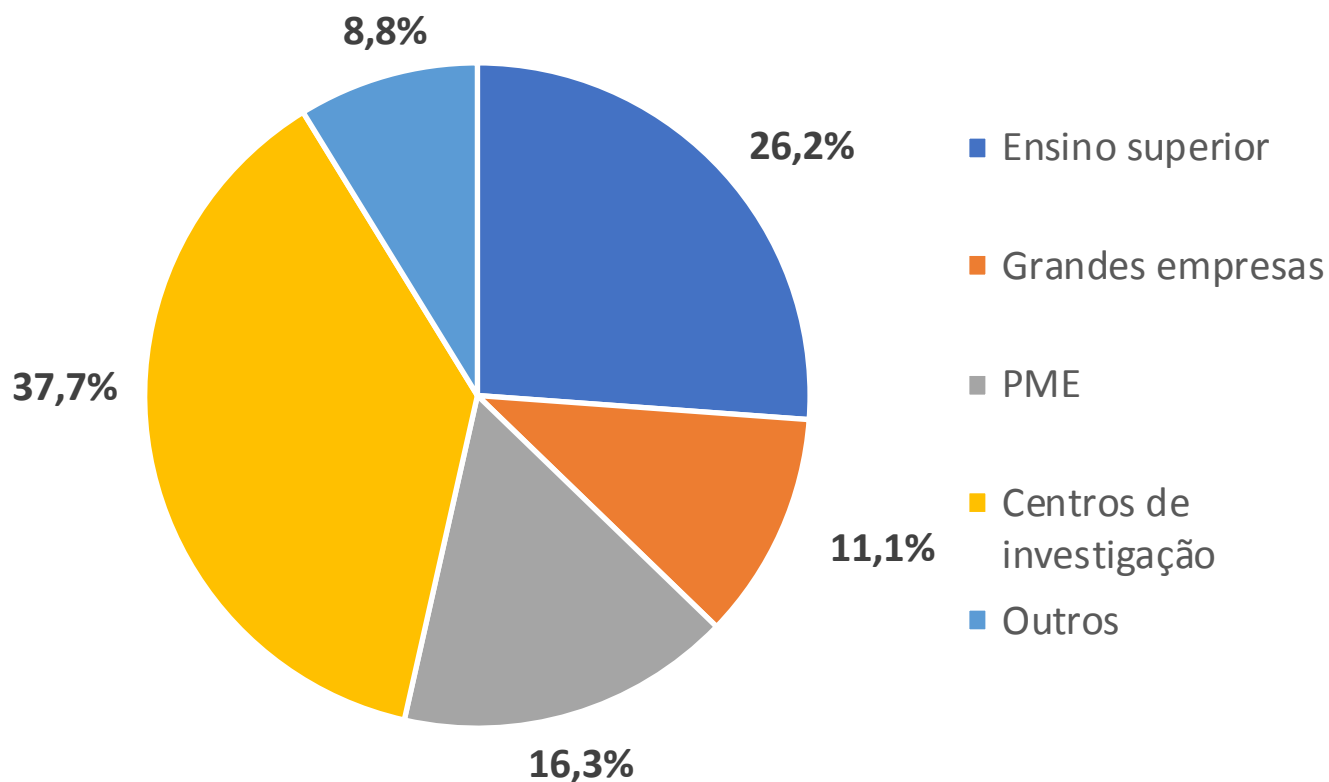
**553
M€**

Dados referentes a abril 2018

taxa de sucesso



Financiamento nacional por tipo de entidade



Participação Nacional Desafio Societal

**Ação climática
2014-2017**

- **Propostas: 240**
- **Projetos aprovados: 71**
- **Projetos coordenados: 5** (FFCUL, LNEC, DEIMOS, FCT, CES-UCoimbra)
- **Participantes: 134**
- **Financiamento para PT**

**33,55
M€**

Desafio Societal Ação Climática

participação nacional

5.1 Fighting and adapting to climate change

Acronímico	Título	Web	Tipo de projecto	Parceiro PT
PLACARD	PLAtform for Climate Adaptation and Risk reDuction	http://www.placard-network.eu/	CSA	<ul style="list-style-type: none"> Fundação da Faculdade de Ciências da Universidade de Lisboa (Coordenação)
ERA4CS	European Research Area for Climate Services	https://www.fct.pt/apoios/cooptra ns/eranets/era4cs/	ERA-NET Cofund	<ul style="list-style-type: none"> Fundação para a Ciência e a Tecnologia Fundação da Faculdade de Ciências da Universidade de Lisboa
VISCA	Vineyards' Integrated Smart Climate Application	http://visca.eu/	IA	<ul style="list-style-type: none"> Symington - Vinhos, S.A. Universidade do Porto
MED-GOLD	Turning climate-related information into added value for traditional MEDiterranean Grape, OLive and Durum wheat food systems	www.med-gold.eu/	RIA	<ul style="list-style-type: none"> SOGRAPE VINHOS S.A.
SOCLIMPACT	DownScaling CLimate impACTs and decarbonisation pathways in EU islands, and enhancing socioeconomic and non-market evaluation of Climate Change for Europe, for 2050 and beyond.	http://soclimpact.org/	RIA	<ul style="list-style-type: none"> Agencia Regional da Energia e Ambiente da Região Autónoma da Madeira Fundação da Faculdade de Ciências da Universidade de Lisboa

Desafio Societal Ação Climática participação nacional



Gabinete de Promoção do Programa Quadro ID&I



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HORIZONTE 2020

Desafio Societal 5 - Ação Climática, Ambiente, Eficiência de Recursos e Matérias-Primas



**PROJETOS APROVADOS com PARTICIPAÇÃO NACIONAL
(2014-2017)**

http://www.gppq.fct.pt/h2020/docs/brochuras/env/projetos_pt_h2020_ambiente_2014-2017.pdf

Alterações climáticas no Horizonte 2020

oportunidades
2019-2020

Call - Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement

Decarbonisation

LC-CLA-02-2019: Negative emissions and land-use based mitigation assessment

- a) Feasibility of negative emissions for climate stabilization
- b) Land-based mitigation

22 M€



Two-stage: 19 Feb 2019 | 4 Set 2019
5-7 M€ por projeto
Research and Innovation Action (RIA)

Call - Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement

Climate adaptation, impacts and services

LC-CLA-05-2019: Human dynamics of climate change

- a) Climate services for Africa
- b) Climate and human migration

23 M€



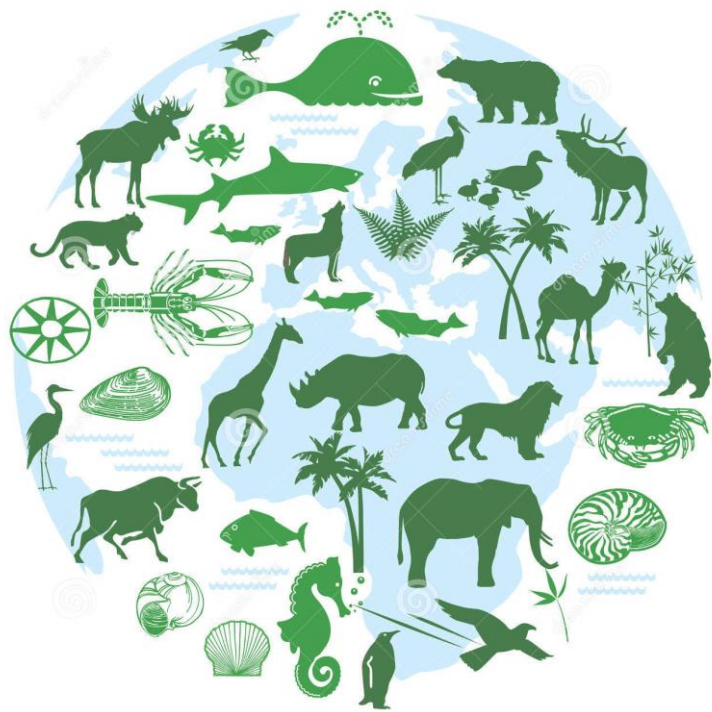
Two-stage: 19 Feb 2019 | 4 Set 2019
5-7 M€ por projeto
Research and Innovation Action (RIA)

Call - Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement

Inter-relationships between climate change, biodiversity and ecosystem services

LC-CLA-06-2019: Inter-relationships between climate change, biodiversity and ecosystem services

25 M€



Two-stage: 19 Feb 2019 | 4 Set 2019
5-7 M€ por projeto
Research and Innovation Action (RIA)

Call - Building a low-carbon, climate resilient future: climate action in support of the Paris Agreement

The Cryosphere

LC-CLA-07-2019: The changing cryosphere: uncertainties, risks and opportunities

- a) Sea-level changes | RIA | Two-stages | 8-10 M€
- b) Changes in Arctic biodiversity | RIA | Two-stages | 5-6 M€
- c) Sustainable opportunities in a changing Arctic | RIA | Two-stages | 5-6 M€
- d) Arctic standards | CSA | Single stage | 2M€



CSA

Single-stage: 19 Feb 2019

2 M€ por projeto

RIA

Two-stage: 19 Feb 2019

| 4 Set 2019

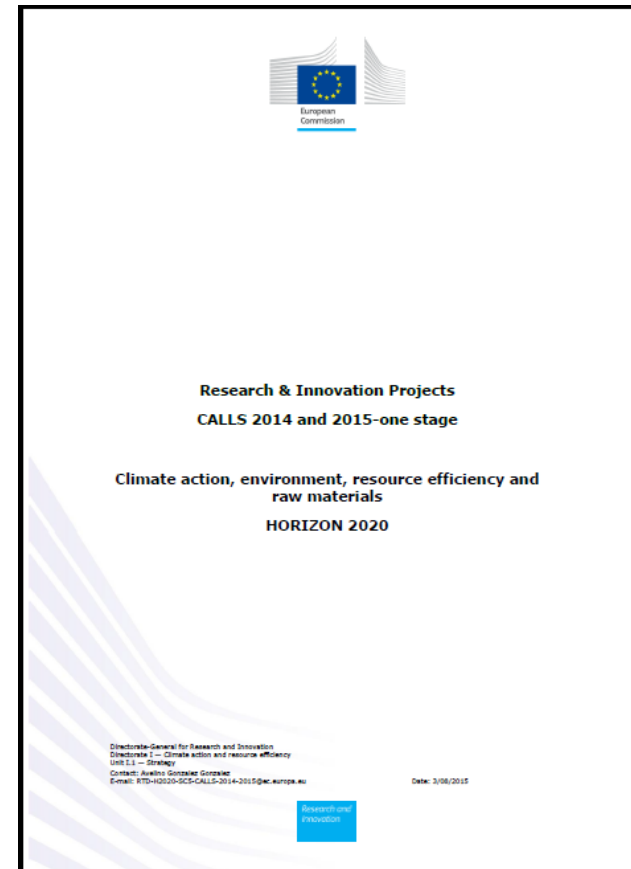
39 M€ orçamento global

Algumas sugestões



CONHECER os projetos/iniciativas que já existem e QUEM participa

- sumário do projeto
- consórcio



[http://www.gppq.fct.pt/h2020/docs/brochuras/env/Research Innovation SC5 proj 2014 2015.pdf](http://www.gppq.fct.pt/h2020/docs/brochuras/env/Research%20Innovation%20SC5%20proj%202014%202015.pdf)

Rede de NCPs ao nível a UE- NCPs CaRE

<http://www.ncps-care.eu/>



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GEOSSS and COPERNICUS – Earth observation systems
31st May 2017

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dos-and-donts-for-applicants.pdf

DOs and DON'Ts for applicants

Criteria	DO	DON'T
Excellence	<ul style="list-style-type: none"> Define objectives clearly. Be ambitious, but stay realistic. Choose appropriate methodology. Choose relevant partners and reliable coordinator. Put effort on describing the state-of-art and proof of concept. Create links with previous networks/projects and relevant policies. Engage interdisciplinary expertise. Stay accurate, concise throughout the proposal. Bring out the innovation potential. If something stays unclear, contact your NCP. 	<ul style="list-style-type: none"> Don't rush, poorly prepared proposal ruins even the most excellent plans. Don't repeat something what is already done. Don't forget to include partners from different regions, disciplines, stakeholder groups to compose a balanced consortium. Don't forget to show the credibility of your consortium. Don't hesitate to provide detailed description about your methodology, technical solutions etc. Superficial description of the processes is often brought out as a major shortcoming. If you have a novel approach - don't forget to describe it thoroughly and to support it with relevant references

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 642025

evaluators-recommendations-for-applicants.pdf

Main weaknesses, their improvement possibilities and main strengths highlighted by evaluators

Criterion: Excellence

Main weaknesses in proposals	How to improve	Main strengths in proposals
<ul style="list-style-type: none"> Lack of novelty Lack of originality Lack of clear objectives Lack of credibility of the proposed approach Ambition Poor description of the state-of-the-art Lack of precise indications of the advancement proposed Low TRL Lack of clear cost calculations Not fully covered scope of call Relation to the call No link to industrial activity Short explanations Lack of tangible previous results specification Repetition of already researched areas 	<ul style="list-style-type: none"> Elaborate on evaluation criteria More interdisciplinary expertise More clear description More emphasis on impacts of technical features to business model Close cooperation with NCPs Wider point of view of excellence Include more sub-criteria under excellence Encourage new ideas To have business or market related persons involved in writing Feasibility study should be attached To be more innovative More focus on the state-of-the-art and proof of concept Shorter writing and more precise information Better guidelines on how to understand the scope of the call Having the practical experience and know how in the field 	<ul style="list-style-type: none"> Objectives and methodology Partnerships Very detailed information - Relevant goals Transdisciplinary considerations Innovation potential State of the art Clear stated technical issues High quality and linkages with previous or existing initiatives The links with the Environmental EU / global challenges on energy/climate change Ability to complement across countries and institutions Concise, accurate and complete presentation

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ESR-analysis.pdf

General observations based on ESR analysis

- Surprisingly a large proportion of shortcomings were due to carelessness, which most probably were due to last minute submission/hurry or rush. Here come some examples: Carefully read the call text, related documents and forms - e.g. avoid simple mistakes as using a wrong template, do not ignore required aspects (e.g. gender issues, involvement of specific partners, attaching required consent/support letters etc.). Also other common mistakes are inconsistencies between Work Packages (WPs), only one of the expected impacts is addressed but not all, repeated activities in several WPs etc. This kind of mistakes would be the easiest to avoid and save unnecessarily lost points, therefore it is very important to start proposal preparations as early as possible.
- Demonstration of coordinator's reliability was brought out in many ESRs. It shows that it is very important to carefully choose your consortium's coordinator and there should be some extra information provided about the background and previous activities of this organisation/ partner (in the template - full proposal/2nd stage - part 3, 'Implementation').
- It is better to provide more explanation, but at the same time keep a very clear focus of your project. If the focus is too wide and superficially presented, there is a great risk that it is not sufficiently convincing for the evaluator and as it is not possible to ask questions or give additional explanations it can be seen as a major shortcoming. The evaluator has to get everything at once from the proposal.
- All the numerical values should be supported by references, otherwise those are not convincing. Simultaneously try to keep the file format (e.g. avoid too many footnotes).

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“PUBLICITAR” perfil de colaboração numa plataforma de procura de parceiros

The screenshot shows the 'Partner Search' section of the European Commission's Research & Innovation Participant Portal. The page features a navigation menu with options like 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'PROJECTS & RESULTS', 'EXPERTS', and 'SUPPORT'. A search bar is visible at the top right. The main content area includes a sidebar with links to 'Reference Documents', 'Beneficiary Register', 'Partner Search', 'Financial Viability Self-Check', and 'SME Participation'. The central focus is the 'Partner Search' section, which includes a circular icon representing a group of people and a 'HOW TO' button. The text describes the search process: 'Find partners for your project ideas among the participants in past EU projects. Enter a keyword or a topic of a past call for proposals, for finding related organisations. Search by geographical criteria or by types of organisation. For more specialised partner search service see Online Manual.'

European Commission

RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Partner Search

HOME FUNDING OPPORTUNITIES HOW TO PARTICIPATE PROJECTS & RESULTS EXPERTS SUPPORT LOGIN REGISTER

Reference Documents

Beneficiary Register

Partner Search

Financial Viability Self-Check

SME Participation

Partner Search

Find partners for your project ideas among the participants in past EU projects. Enter a keyword or a topic of a past call for proposals, for finding related organisations. Search by geographical criteria or by types of organisation. For more specialised partner search service see Online Manual.

HOW TO

Involvement of the organisation in EU funded programmes

Organisation details

https://ec.europa.eu/research/participants/portal/desktop/en/organisations/partner_search.html

“CONHECER e SER CONHECIDO” participar em eventos

InfoDay e Brokerage Desafio Societal Ação Climática – *Calls* 2019
11-12 setembro 2018, BRUXELAS

<https://ec.europa.eu/easme/en/2018-information-day-calls-2019>



ECCA 2019 - European Climate Change Adaptation conference
28 – 31 maio 2019, CCB | LISBOA

<https://www.ecca2019.eu/>



Apostar no *networking*

Conhecer quem está envolvido em projetos e iniciativas

Ler cuidadosamente o texto da Call

Perseverança e resiliência

Obrigada

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