

# **Tema Energia do Horizonte 2020**

## **Experiência de avaliação de propostas**

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# Horizon 2020: introduction

## The new European Union Programme for Research and Innovation for 2014-2020

An integrated programme coupling  
research to innovation

Challenge based

Major simplification



Source: New Energy Technologies, Innovation and Clean Coal Unit, Directorate-General for Energy, Energy Calls: H2020-LCE-2014-3 (LCE7, LCE8, LCE10) and Smart Cities Call: H2020-SCC-2014 (SCC1, SCC2, SCC4)

# O papel dos Avaliadores (‘independent experts’)

- Os peritos independentes avaliam propostas submetidas a uma “call” específica, consoante a sua especialidade;
- São responsáveis pela avaliação individualmente e não estão autorizados a delegar essa tarefa;



# O papel dos Avaliadores e os Princípios de Avaliação

## ➤ Independência

- Os peritos actuam em nome individual e com base no seu CV;
- Não representam o seu país, nem a sua instituição!

## ➤ Imparcialidade

- Estão obrigados a tratar todas as propostas de forma igual e avaliar os seus méritos de forma imparcial, independentemente da sua origem ou a identidade dos candidatos;



# O papel dos Avaliadores e os Princípios de Avaliação

## ➤ Objectividade

- Os peritos avaliam cada proposta, tal como apresentadas; i.e., pelo seu próprio mérito, e não pelo seu eventual potencial, se algumas mudanças fossem feitas;

## ➤ Precisão

- Fazem o seu julgamento relativamente aos critérios de avaliação oficial e a “call” ou tópico em que se enquadra, e nada mais;

## ➤ Consistência

- Aplicam o mesmo critério de avaliação a todas as propostas.



# O que é que os Peritos Avaliam?

## Os critérios de avaliação:

1. **Excelência**
2. **Impacto**
3. **Qualidade e eficiência da *implementação***

*Nota: Dependendo do tipo de acção os pesos destes critérios podem ser diferentes ou, alguns não se aplicarem. E.g. para as acções “Innovation” é dado um peso de 1,5 ao critério “impacto”. Em chamadas com 2 fases, na primeira fase avalia-se, essencialmente, o critério 1.*

[http://ec.europa.eu/research/participants/data/ref/h2020/call\\_ptef/ef/h2020-call-ef-ria-ia-csa\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/ef/h2020-call-ef-ria-ia-csa_en.pdf)



# 1. Excelência

*Note: The following aspects are taken into account, to the extent that the proposed work corresponds to the topic description in the work programme:*

- **Clarity and pertinence of the objectives;**

*Note: Possibly the second most important item of a proposal!*

- **Credibility of the proposed approach;**

- **Soundness of the concept, including trans-disciplinary considerations, where relevant;**

*Note: Possibly the most important item of a proposal!*

- **Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art (e.g. ground-breaking objectives, novel concepts and approaches).**

*Suggestion: Don't forget to include a SOA and depart from it to present your expected advances.*

**Note: The bullets 'act as sub-criteria', i.e. all are to be addressed in the evaluation although they are not true sub-criteria once individual scoring is not given.**



## 2. Impacto

*Note: The following aspects are taken into account, to the extent to which the outputs of the project should contribute at the European and/or International level:*

- **The expected impacts listed in the work programme under the relevant topic;**  
*Suggestion: Consult both the topic and its introduction in call. Sometimes there are added general expected impacts in the overall introduction that are disregarded. Address all or most impacts as that is taken into account.*
- **Enhancing innovation capacity and integration of new knowledge;**
- ***Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets, and where relevant, by delivering such innovations to the markets;***  
*Suggestion: Include a business plan of new products, if appropriate, and never forget KPI.s*
- ***Any other environmental and socially important impacts;***
- **Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant.**

**Note: The bullets act as sub-criteria, i.e. all are to be addressed in the evaluation:**





### 3. Qualidade e eficiência da implementação\*

- **Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources;**

*Suggestion: Be sharp and focused - avoid extremely long descriptions and introductions, but address info that enables to assess you domain the area, e.g. the scientific/experimental/numerical methods that will be used/tried.*

- **Complementarity of the participants within the consortium (when relevant);**

- **Appropriateness of the management structures and procedures, including risk and innovation management.**

*Suggestion : Adapt the management structure to the size/complexity of the project..*

**\* New - Experts will also be asked to assess the operational capacity of applicants to carry out the proposed work**

*Suggestion : include links to full CVs/organizations/previous projects/etc*

**Note: The bullets act as sub-criteria, i.e. all are to be addressed in the evaluation:**

# Capacidade Operacional dos Proponentes

- **As part of the Individual Evaluation, experts give their view on whether each applicant has the necessary basic operational capacity to carry out their proposed activity(ies) based on the information provided:**
  - Curriculum Vitae
  - Relevant publications or achievements
  - Relevant previous projects or activities
  - Description of any significant infrastructure or any major items of technical equipment
- At the consensus group, experts then consider whether an applicant lacks basic operational capacity
- If yes, the group makes comments and scores the proposal without taking into account this applicant and its associated activity(ies)

# Falhas Comuns em Propostas

- Use of keywords from the call (which are deliberately broad), rather than more specific terminology that describes their detailed intent. Result is a too-general description with not enough detail or something we are not calling for.
- Well written, lots of pictures and schemes but empty on content.
- Over-ambitious scenarios: application scenarios can be unrealistic and indeed beyond the scope of technologies addressed in the call.

## Alguns “mitos”...

- **European level – does not mean having a spread of partners from countries all over Europe.** It means trans-national collaboration that promises to achieve more than could have been achieved within one single Member State.
- SMEs are treated as any other partner in a consortium in terms of having a necessary competence, a reputation and a clearly defined role.
- Participation of a professional **consultancy** – is not to be taken for granted. It must offer a proven added-value
- **Projects - need not assemble large numbers of partners.** Projects should only include those partners needed to achieve the goals and no more.

# Tipo de Acções

- **Innovation Actions;**
- **Research and Innovation Actions;**
- **ERA-NET;**
- **Coordination and Support Actions.**

*Note: Some actions (e.g. CSA) may exclude some 'sub-criteria' in the evaluation.*

