CHIST-ERA Challenge Call Topic Suggestion Form

*Please send this form back to* *era-ict@aei.gob.es*

*The Challenge call will involve two parallel components:*

1. *A call to select the research projects (4 to 6 with a funding support of approx. 0.5 to 1.0 M€ each) competing during the Challenge*
2. *A call to select the project in charge of the Challenge organisation*

*Use the form below to describe both the topic AND the organisation.*

**Proposer**

|  |  |
| --- | --- |
| **Institution / Initiative** |  |
| **Contact(s)** |  |

**Challenge definition**

|  |  |
| --- | --- |
| **Topic title***(2-10 words)* |  |
| **Short description of topic** *(30-100 words)* |  |
| **Short description of organisation (metrics, data, timeline of evaluation campaigns)** |  |
| **Application sectors** |  |
| **Keywords** |  |

**Selection criteria grid**

*Please provide a rationale of between 2-20 sentences for each criterion of the CHIST-ERA Challenge call topic selection grid*

| **Criteria** | **Description** |
| --- | --- |
| **Scientific interest and innovation potential***(Required for funding organisations, Scientific Advisory Board and general public)* |
| **Scientific objectives** | *Describe the primary SMART[[1]](#endnote-1) objectives of the topic (Specific, Measurable, Achievable, Relevant, Time-bound).*  |
|  |
| **Ambition & strategical leverage** | *Describe the missing science, progress beyond state-of-the-art, expected outcomes and analyze potential S&T issues. A strong leverage effect (game changer) is expected of teams competing in a challenged based call.* |
|  |
| **Clarity and measurability of scenarios**  | *Describe how scientific and technological performance can be objectively measured in scenarios enabling competition in a challenge (measurement methods, metrics, tools, infrastructures…).* |
|  |
| **Potential impact** | *Describe the potential impact on future EU economy, environment and/or society, and analyse risks (social acceptance, legal issues…).* |
|  |
| **Suitability for a CHIST-ERA challenge call***(Required for funding organisations, optional for Scientific Advisory Board and general public)* |
| **Added-value from cooperative/competitive emulation** | *Describe the expected research institutions and scientific fields which could address the topic and objective(s), and how a competitive/cooperative emulation would benefit to these communities.* |
|  |
| **Need for transnational cooperation** | *Describe how transnational cooperation in the framework of a joint call can bring added value (support national scientific strengths, need for critical mass, need for joint infrastructures…).* |
|  |
| **Complementarity and links to existing initiatives** | *Describe the complementarity of the challenge topic with existing communities and/or initiatives, e.g. past CHIST-ERA calls, existing evaluation campaigns, dataset, benchmarks, etc.* |
|  |
| **Required resources & suitability of topic size** | *Describe the required resources for funding in such topic, based on the proposed objective(s) and how a significant contribution can be obtained with a group of 4 to 6 projects of 0.5 to 1.0 M€ each.**Clearly describe also the cost of the organisation.* |
|  |

**References**

*Provide bibliographical references and/or web links*

1. a S.M.A.R.T. objective is:

**Specific** - target a specific area for improvement, clearly defined.

**Measurable** - should be associated with one or several indicator(s) of progress (metrics for qualifying research progresses).

**Assignable** – a reasonable number of scientific institutions in EU that will be able to address the objective already identified.

**Realistic** - the objective should state what results can realistically be expected to be achieved, given available resources.

**Time-related** - the objective(s) should be reachable in a 3 to 4 years course. [↑](#endnote-ref-1)