Building multidisciplinary collaboration: SSH and STEM collaboration

Building multidisciplinary collaboration: SSH and STEM collaboration

Images generated with AI

Topic with explicit requests

Extract of the topic HORIZON-CL4-2023-TWIN-TRANSITION-01-36

"Modelling industry transition to climate neutrality, sustainability and circularity (Processes4Planet partnership) (RIA)"

The proposals should […] lead to the development of an integrated modelling capacity allowing **to capture** the economics and behavioural aspects of demand, production and trade of materials, as well as **techno-economic trajectories** of the industrial sectors identified.

That would include […] concepts from system dynamics modelling (for materials flows and stocks), **techno-economic modelling** (for the economics of production costs, elasticity of demand or trade effects), **macro-economic modelling** (socioeconomics impacts), as well as agent-based modelling (choices of materials or technologies).

Topic with generic standard sentence

"This topic requires the **effective contribution** of social sciences and humanities (SSH) **disciplines** and the involvement of SSH **experts**, **institutions** as well as the inclusion of relevant SSH **expertise**, in order to produce meaningful and significant impact".

Who are the scientists I need to involve?

What should I do?

How is it possible to integrate their work with ours?

At what stage of the proposal should SSH researchers be involved?

What activity are they going to do?

Where do I find these expertise?

How much budget will they need?

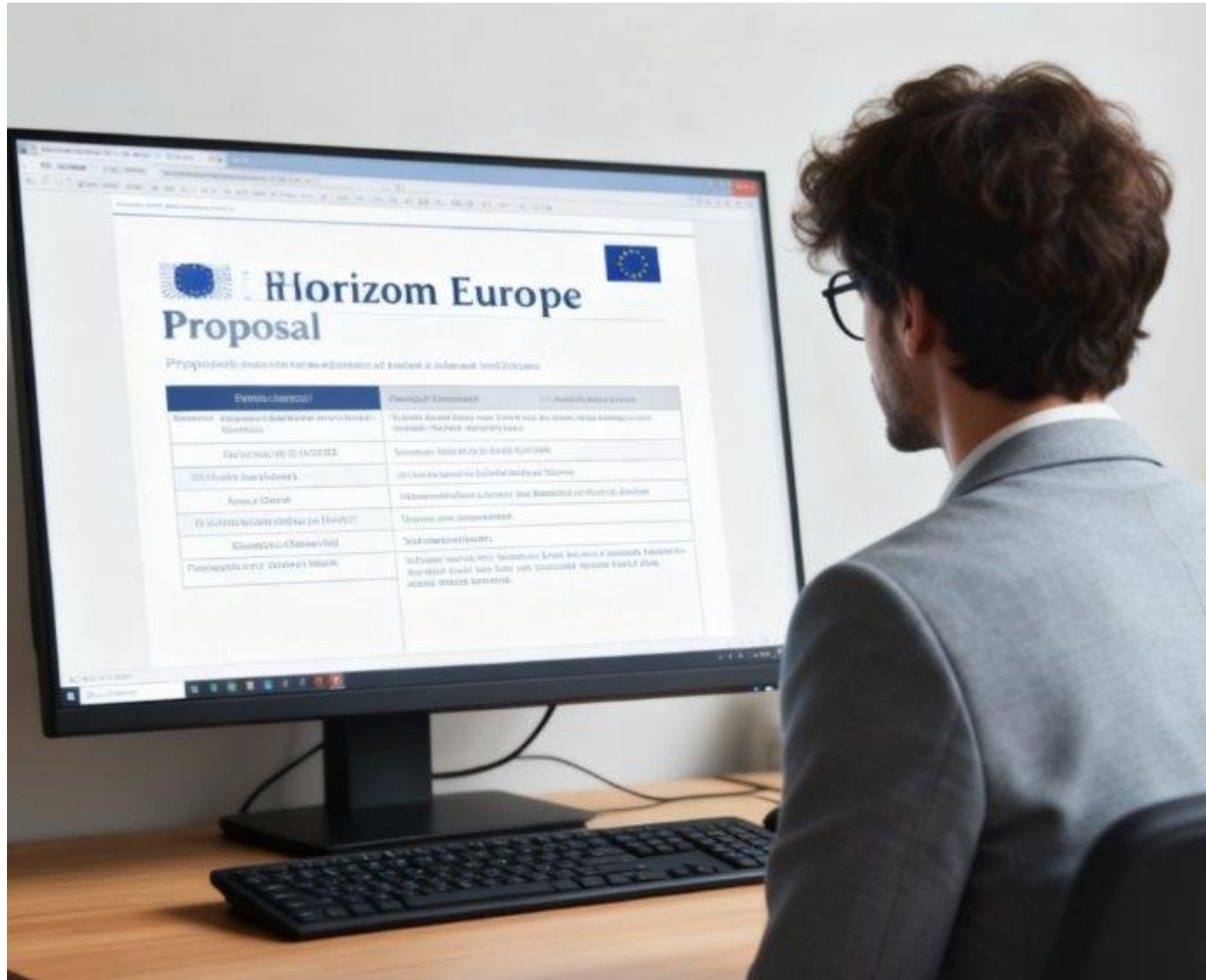
Evaluation of STEM – SSH collaboration

Horizon Europe proposal evaluation: Standard briefing).

SSH-STEM collaboration in the Proposal Template

- in **Part A**, administrative information
  - checkbox for SSH
  - profile of participants

- in **Part B**, description of work
  - excellence
  - implementation
  - impact



Early Involvment of SSH experts

- Active Involvement of SSH Researchers in the definition of :
  - Research questions
  - Objectives
  - Additional perspectives
  - Social and economic impacts

- This will contribute in:
  - Identifying new approaches
  - Developing solutions/technologies that address societal and community needs

A proposal rooted in a multidisciplinary approach

- All disciplines should be properly represented and positioned within the proposal/project:

Truly Interdisciplinary Workplan

- Interdependent work packages
- Joint deliverables based on both SSH and STEM data
- Co-authored publications in interdisciplinary/multidisciplinary journals
- Joint dissemination & communication activities (all audiences matter)

Differences as added value

- Activities and tasks designed to turn differences into added value rather than limitations
  - Creation of a shared glossary to prevent terminological misunderstandings
  - Project activities that support mutual learning and methodological exchange
  - Frequent meetings for discussion, alignment, and knowledge sharing
- A thoughtful and aware management and coordination team capable of fostering an environment conducive to dialogue and exchange

Thanks for your attention

Monique Longo

Horizon Europe NCP Cluster 2

Horizon Europe NCP NEB New European Bauhaus

Head of Membership relations Unit

APRE – Agency for the Promotion of the European Research

Rome - Italy

longo@apre.it

www.apre.it