



EurCOLd

February 10, 2018

LETTER OF THE PRESIDENT

Dear Members of EURCOLD,

Dear Colleagues,

One of EURCOLD mayor objectives for the period 2017-2019 is the improvement of Research and Development in our professional field of activity. To that end, EURCOLD is leading a consortium that will submit a proposal under the EC H2020 programme to produce a synthesis of expected research developments and research needs for the coming decades through a technology roadmap and research and innovation agenda in the hydropower sector, targeting an energy system with high flexibility and renewable share.

This target will provide us with an opportunity to review and prioritise the Hydro-sector research and innovation needs, many of which are related and aligned with those of the dams sector, namely: safety, security, reservoir system operation, impacts and adaptation to climate change, and social and environmental responsibility.

The achievement of this objective would be a very significant step towards a longer term plan to try to structure and push forward a programme of work that will progressively help to address our needs within the dams sector. Thus, it aligns well with our goals within EURCOLD to develop and implement a strategy for research and innovation supporting our various member interests.

In line with this objective, EURCOLD is looking for experts seeking to establish interest from ministries, water agencies, operators or universities in actively contributing towards developing the abovementioned roadmap under the proposed EC H2020 funded-project. Please see the attached summary for further information

If you find this initiative of interest, please, contact the Secretary

With my best regards,

Dr. J-J Fry

A handwritten signature in black ink, appearing to read "JJFry".



EurCOLD

February 10, 2018

Research Call Details and Request for Participation

The EC Horizon 2020 research call that we are responding to is: LC-SC3-CC-4-2018.

Specific Challenge

The transition to a low-carbon energy system poses a unique set of policy, technological and scientific challenges, changes the fundamental nature of the interrelations between all actors in our societies (from energy incumbents to regulators and citizens), and requires the engagement of all stakeholders. Not only is there a need to find novel approaches to the development and application of technological or social processes as they relate to the energy transition, but also to a better understanding of how these changes impact people's behaviour, pervasive values, cultures of practice and modes of communication. It also entails the need to engage all stakeholders, foster cooperation between them, align their actions to the achievement of commonly agreed goals.

Specific Call

2. All relevant stakeholders of the hydropower sector will be brought together in a forum including workshops and online discussion groups in order to identify research and innovation needs and priorities, to share knowledge at the European level between basic science, the research and industrial value chain, civil society and European and national authorities, to support the discussion with up-to-date information. The forum will produce a synthesis of expected research developments and research needs for the coming decades in a technology roadmap and research and innovation agenda in the hydropower sector, targeting an energy system with high flexibility and renewable share.

Original call details can be found at:

<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/lc-sc3-cc-4-2018.html>

As part of implementing this programme of work, EURCOLD are seeking experts who can represent the interests of different ministries, water agencies, operators, universities or research organizations across Europe and who are interested to:

1. Provide feedback on overall research programmes, needs and priorities
2. Provide specific expert contributions towards the development of research specifications for priority issues

The likely timing for this project is to run from late 2018 for 2-3yrs.

If you are interested in participating, please contact our General Secretary, Dr. Alfredo Granados García, (a.granados@upm.es).

N.B.: BDS Conference announcement – September 13th-15th 2018 – see associated flyer