

Innovative partnership in research

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Motivation for Biodiversity Action: Vocabulary, theories and framework

BIOMOT DELIVERABLE 4.1

(formal deliverable title: “Common concepts and framework BIOMOT”)

L. Knippenberg (ed.), BIOMOT-WP4-team¹ - Developed in cooperation other BIOMOT WP-teams

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Triads in policy and science towards innovation

- World–to–mind (intention, desire), mind–to–world (belief), both — directions of fit
- Spontaneity, partnership, friendship
- Multidisciplinary, interdisciplinary, transdisciplinary
- Induction, deduction, abduction

- ... to get the ecostructure right to attract, motivate and engage (nudge) people in individual, social and collective action for innovative and sustainable use of ecosystem services...

SwafS-13-2017: Integrating Society in Science and Innovation – An approach to co-creation

Horizon 2020

- Specific Challenge: There is increasing interest, and occasional experiments in processes of co-construction (e.g. agenda-building and policy inputs, co-evaluation, co-funding) and co-production (e.g. citizen science). Sometimes, it is deemed sufficient to have such processes occur, but one could also consider their content and how society would be integrated through approaches like value-sensitive design and gender-sensitive design. There are also combinations of process and content, as with place-based activities involving smart cities, living labs, and the regional dimension linked to Smart Specialization Strategies. For the gender dimension, research has already been funded to outline the loss to society and economy of not taking gender aspects into account in research organization and research design. Such questions can be raised for other dimensions of RRI as well.

- While traditional approaches to public engagement will remain, this topic constitutes an opening towards the ‘new wave’ of public engagement where ‘co-creation’ is a key notion. It will provide innovative solutions to the more heavily technology and/or systems oriented approaches in other parts of Horizon2020.

- Approaches and openings to the “creation of spaces for public engagement” (Rome Declaration), including the development and use of temporary and permanent physical spaces (e.g. exhibitions, events), will contribute towards the processes of involving European citizens and the co-creation of knowledge

- Scope: The topic could become an umbrella for all sorts of projects, allowing benchmarking and comparisons.

- An important focus for study in this topic is the question of what outcomes are being realized. Co-construction and society sensitive design are well intentioned, but what happens will be refracted through practicalities embedded in existing institutions and interests...
- There is a similar structural problem with regulation: good intentions, but actual implementation on the ground falls short. There have been calls for “implementable regulation’, where one would start with what are achievable effects in practice, rather than good intentions.

- The present topic, on possible outcomes of integration of society in science, shall include the aspect of ‘implementable integration’. This requires study of dynamics of such initiatives, and will definitely improve their reflexivity.
- The topic can also consider the role of science communication in improving the quality and effectiveness of the interactions between stakeholders.

- To address this specific challenge, proposals should have a wide geographical coverage. It is therefore expected that consortia would include at least entities from 10 different Member States or Associated Countries, although smaller consortia will also be eligible and may be selected.

- The Commission considers that proposals requesting a contribution from the EU of the order of EUR 4 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

- Expected Impact: This action aims at developing a better understanding of co-creation processes and outcomes under various cultural, societal and regulatory backgrounds. It will allow better-targeted policy support in the future.
- Type of Action: Research and Innovation action

What if we collect a consortium?

- Ten national parks from Europe
- Ten associated NP friends societies
- The core of the application would then be nature-society, conservation-extraction interface → co-creation of ecostructure that enhances innovation for “ecosystem services” valuable for human wellbeing and livelihoods

- But each case area would need to bring in an extra policy ingredient to this, because in the call:
 - “This action aims at developing a better understanding of co-creation processes and outcomes under various cultural, societal and regulatory backgrounds. It will allow better-targeted policy support in the future.”

Case selection

- e.g. Bothnia Sea, e.g. fishing, grey seals, great cormorants

Research teams, very tentatively

- Transdisciplinary approach to policy studies, prof. Juha Hiedanpää, Natural Resources Institute Finland,
- Environmental psychology, motivation to act for nature, prof. Marino Bonaiuto, University of Rome, Italy,
- Participatory systems analysis, prof. Nuno Videira, New University of Lisbon,
- ...
- Innovative forms of environmental education,

Thanks!

