

Transformations within Reach (TwR) initiative

TwR Community of Science and Practice (TwR CoSP)

Terms of Reference (ToR)

Background

IIASA's [TwR](#) initiative (phase-2) addresses the challenge of identifying feasible and powerful levers of change to catalyze sustainability transformation. To address the "How to?" question, TwR aims to (i) elaborate a 'theory of change' for how the societal capacity to make decisions can be enhanced to catalyze sustainability transformation, and (ii) develop recommendations on how different stakeholders may be enabled to take critical actions.

Approach

The TwR initiative relies on a combination of extensive and systematic literature review & action-oriented synthesis and participatory co-creation involving experts and practitioners. Literature review will cover relevant research in social science and sustainability science including modelling of relevant systems (notably, energy, food, ecosystems, biodiversity, and climate), where IIASA has extensive experience. Participatory co-creation is executed via CoSP workshops (see below), internal consultations with a broad range of IIASA researchers, and citizen-science tools. We may involve other experts in our work to strengthen TwR expertise or fill in knowledge gaps as appropriate.

As a result of this phase of TwR, we expect to produce a report summarizing our findings, and to disseminate our insights widely to the relevant circles of policymakers, citizenry, and other stakeholders. Other outputs such as academic articles may also be produced. To facilitate the real-life implementation and validation of our work, we will seek to collaborate with institutions who are engaged in research/implementation of systemic transformations.

TwR Community of Science and Practice (CoSP)

The TwR initiative brings together a relatively small and carefully selected group of experts from academia, public and private sectors, and civil society with vast and diverse backgrounds to form a Community of Science and Practice (CoSP). Co-production of recommendations by CoSP and the IIASA team working in tandem to address the "How to?" question will ensure that they are feasible and informed by the best available science.

General expectations from CoSP members

The current TwR phase is expected to run for two years starting January 2022. During this period, members of the CoSP will be expected to contribute with the following:

- Engage in an iterative process of recommendation co-production by brainstorming, sharing their expertise and experience via
 - Several (four, as foreseen currently) virtual ~3h workshops to take place between October 2022 and December 2023,
 - In-between inputs such as commenting on our draft reports;
- To help, through their own networks, to disseminate crowd-sourcing campaigns as well as outputs of the initiative;
- Provide overall advice and a critical view on the activities of the initiative;
- Support the initiative in other ways.

CoSP members will be invited to co-author the TwR report and other outputs as appropriate.

Consent

By accepting to be a Member of TwR CoSP, the member agrees that his or her portrait, biography, slides presentation (if applicable), audio, picture, and video material, which are recorded during virtual workshops (if applicable) or other activities of the TwR initiative, to be used for the Transformations within Reach project in its website, social media for publicity purposes and its reports.