right.
based on science

right.open
Project Description

right.open is a project led by right. based on science ("right.") which seeks to make climate risks tangible and accessible to a range of actors. By promoting multidisciplinary research on climate considerations and their incorporation into decision-making processes, right.open fills a gap between climate targets and climate action.

right.open will provide its participants with access to the so-called X-Degree Compatibility ("XDC") Model as a science-based method for designing effective climate strategies. Since the XDC Model is anchored in climate science, it enables resilient responses to climate change to be incorporated into business strategies.

The project is primarily addressed to academic actors, such as scientists or researchers who, besides receiving access to the XDC Model, will get advice and support for incorporating the XDC Model´s functionalities into their work.

Background

right.open was born as a response to the hardship expressed by financial and corporate actors who are keen on incorporating climate risks and opportunities into their business strategies, but who lack the appropriate methods to do so. The drive to act is there. What is lacking is time and competence in order to turn that drive into appropriate actions, actions which consist of designing effective emission reductions and climate adaptation strategies. right.open intends to fill this gap by making the XDC Model accessible to its participants and thus allow them to support the generation of effective climate strategies within the financial and corporate world.

right. has decided to make the code, upon which the XDC Model is based, available as an open source code to everyone in the mid-term. Before the XDC Model is fully open, right.open will provide scientific institutions with access to the Model in order to enable research on practical topics.

Approach

Technical access and access to content will be provided via an online platform, known as the XDC Forum. This Forum will support the participants in working on climate-related practical questions by using a science-based method for designing effective climate strategies. Besides the theoretical developments that take place via the XDC Forum, right.open is comprised of two events and several webinars, which will take place within the projected time period. The interactive nature of right.open aims to foster a multi-disciplinary exchange between researchers and actors from the financial and real economy on the topic of climate change mitigation and adaptation.

Timeline

Phase one: Onboarding

- Submit your research question and get on board: Ongoing via webpage
- Kick-off Event: 23rd May 2019 in Frankfurt / Main; register here

Phase two: XDC Forum

- Access to the XDC Model and supervision of the incorporation into your research activities via our XDC Forum
- Mid-Term Event: January 2020
- Final Event: October 2020

The XDC Model

The XDC Model is a science-based method for designing effective climate strategies, which will be available via the XDC Forum. It represents a valuable basis for this project. The XDC Model was developed by the young company right. and calculates the science-based climate metric known as the XDC, based on scientific climate findings and regulatory requirements. The XDC measures an economic entity's (e.g. a company´s) contribution to global warming by expressing by how many °C the earth would warm up to by 2050, if all economic entities were as emission-intensive as the economic entity in question. If, for example, a company has an XDC of 2.7°C, this means that the earth would warm up by 2.7°C by 2050, if all companies were to operate as emissions-intensively as the company under consideration. The XDC Model is already being used by companies for the holistic analysis of climate-relevant risks and for the planning of adaptation and mitigation measures.