

CALL FOR PROPOSALS

Development of a Paris agreement compliant scenario for the Ten-Year Network Development Plan (TYNDP)

Background

The European Networks of Transmission System Operators for Electricity (ENTSO-E) and Gas (ENTSO-G) update every two years the Ten-Year Network Development Plan (TYNDP) for Europe. In this context, **REN21** aims to set up a multi-stakeholder process to debate the creation of a TYNDP scenario compliant with the Paris Climate Agreement of 2015, which could be implemented under the framework of the 2020 TYNDP. The focus of this project will be on the electricity sector. Hence, it shall be developed in close collaboration with ENTSO-E.

Due to the fact that there is currently little clarity on how the Paris target of 1.5 degrees Celsius could best be met, this project aims to bring together various stakeholders and experts, who generally do not associate with one another, to collaboratively develop pathways and narratives on how to reach the target. The ENTSOs request input from many stakeholders, including industry and NGOs, but civil society generally lacks the expertise to participate. The ENTSOs knowledge about the cascading impact of climate policies and related carbon budgets is very limited. Similarly, grid modelers are often faced with the challenge of having to represent aspects and trends that are not part of their traditional modelling approaches, such as: what algorithms to use in modelling distributed resources, changes in social behavior, and critical mass for new technologies. By bringing all these actors to one table, a comprehensive and holistic input in scenario formulation, as well as the development of better modelling approaches and techniques, are more likely to be achieved.

This process will also serve as a best practice for much needed similar efforts across the world. The activities proposed will become relevant for other nations and multinational groups worldwide as an example of how climate and energy policy can be coordinated and applied in the energy sector. Hence, this experience will be shared with **REN21**'s international network.

Objective

REN21 is looking for a Consortium of 3-4 NGOs with expertise in electricity grid infrastructure and with a strong role in supporting the transition to a renewables-based economy. This group of NGOs should be active in the climate change debate, have the ability and network to represent large sections of civil society (e.g. through membership structures) and thus potentially deliver a legitimate engagement process which can contribute to achieve the objectives of REN21's project. A 3-4 NGOs Consortium should therefore cover a wide technical expertise and regional diversity of civil society groups at the EU level.

The main objectives that this Consortium aim to achieve are:

1. Develop a collaborative approach between ENTSO-E, industry representatives and the civil society with the aim of defining basic assumptions for a Paris agreement compliant scenario;
2. Increase and improve civil society systematic input to the TYNDP;
3. Build relationships between the scientific modeling community and electricity grid experts aiming to enhance the ability to develop a carbon-free economy model (through the organisations of events and workshops);
4. Raise awareness and support towards a Paris Agreement compliant scenario for the TYNDP 2020.

Description of Required Tasks

1. **Build a coalition.** The Consortium (contractor) shall identify relevant Stakeholders to take part in the development of a Paris agreement compliant scenario process. This should be a balanced group from within and beyond the contractor's extensive network (e.g. electricity grid and renewable energy experts, environmental and climate change focused organisations, on the ground climate action experts, EU wide umbrella organisations, etc). The consortium shall also be responsible for reaching out to stakeholders, confirming their availability and willingness to participate, as well as facilitating the agreement of a course of action. The Consortium is to organise and coordinate a kick off meeting with the coalition and ENTSO-E in Brussels, during the first months of the project implementation. REN21 should be constantly informed about the selection of the stakeholders and fully briefed before the initial meeting in Brussels.
2. **Develop of a narrative.** The Consortium (contractor) shall be responsible for the organisation and implementation of 5 workshops with environmental and climate change NGOs and experts (one of the workshops shall be jointly organised with the modelling experts). The process intends to scope the basic assumptions underlying the modelling of a Paris-compliant scenario. At the end of the process, the NGOs and experts will collaboratively develop a narrative that identifies crucial key points for a compliant scenario model. This narrative shall be published (means of publication to be decided). For these activities, the Consortium shall be responsible for the delivery of the following tasks:
 - a. Establish close collaboration between ENTSO-E and the TYNDP team that can be pursued for the entire lifetime of the project and beyond;
 - b. Invitation of NGOs and experts;
 - c. Development of the agenda and outline to be discussed in the workshops;
 - d. Logistics for the events: catering, venue rental, traveling and accommodation arrangements for stakeholders;
 - e. Notetaking and summary for each workshop;
 - f. Editing of the final document (narrative) and publication.
3. **Review of the TYNDP assumptions.** The Consortium (contractor) should regularly participate in the consultations foreseen within the TYNDP process, constantly review and analyse the development of the TYNDP process from 2018 to 2020. Draft reports should be provided during the workshops. The Consortium should also have the ability to provide advice to the development of the narrative when required. In return, the narrative developed during the

workshops should influence the end-process of the 2020 TYNDP. This will require strong research and writing skills from the consortium partners team. All reports shall be discussed with the REN21 management.

4. **Modellers exchange.** The Consortium (contractor) shall also be responsible of the organisation and implementation of 4 workshops with modelling experts (one of the workshops shall be jointly organised with the environmental and climate change NGOs and experts). The process intends to provide a platform for these modelling experts to discuss the ongoing changes in society and the future requirements for reaching Paris Agreement targets, decisive for the development of the next TYNDP. The exact topics will be defined in coordination with the TYNDP team. The end-product shall be a set of recommendations for the TYNDP process, which could be used for other similar modelling processes at an international level. For these activities, the Consortium shall be responsible of the delivery of the following tasks:
 - a. Setting up and coordinate relationships with a group of interested modelling experts;
 - b. Manage invitations to the workshops and further related events organised in the context of this project;
 - c. Development of the agenda and topics in coordination with the TYNDP team;
 - d. Logistics for the events: catering, venue rental, traveling and accommodation arrangements for stakeholders when foreseen by the project;
 - e. Notetaking and summary for each workshop;
 - f. Editing of the final document (set of recommendations for the TYNDP process).
5. **Communication and Dissemination within the EU.** The Consortium (contractor) shall elaborate a communication and dissemination plan within the EU. This should include:
 - a. Presentation of the project in a variety of energy and climate events (identified by contractor);
 - b. Introduction of the project to key decision makers at EU level;
 - c. Publication of the Paris compliant narrative document;
 - d. 2 policy briefs;
 - e. Design, production and management of a project-website (discussion platform where stakeholders can communication their divergent positions).
6. **Reporting.** The Consortium (contractor) shall duly comply with the following report-duties:
 - a. Summaries for all workshops after every session.
 - b. Final technical and financial report at the end of the 2-years project. The report shall be drafted in English.

Qualification requirements of contractor

- Consortium of 3-4 respected NGOs (representing a regional diversity of EU civil society groups);
- Proven track record of knowledge in: electricity grid infrastructure and grid planning, energy and climate policies, and the interactions between nature and energy infrastructure (at least one expertise per Consortium partner);
- Proven track record of EU and International actions against climate change;
- Proven ability to engage with cross-sector stakeholders in a constructive manner;
- Extensive experience in promoting exchanges between multiple stakeholders;

- Strong EU and international network of experts in the relevant fields is a must;
- Previous proven experience working with ENTSO-E and ENTSO- G;
- On-the ground project implementation experience is an advantage;
- Capacity to organise and implement high level events and workshops;
- Capacity to elaborate and implement a communication and dissemination strategy;
- English proficiency (written and spoken) from all consortium team members;
- Suitable coordination between consortium partners to cover all necessary requirements and form a strong coalition.
- Willingness to travel internationally

Proposal Requirements

The submission should include:

- The Consortium's (contractor) specific background in the project' topic
- A short résumé of every Consortium partner, highlighting the specific experience in renewable energy, electricity grid infrastructure or climate change actions
- An overview of the Consortium's network
- An overview of the Consortium's experience in organising events and workshops
- An overview of how the Consortium envisages the implementation of the activities
- An overview of the Consortium structure, including main contact for the coordination of the activities.
- The Consortium's overall financial offer

Duration of the project

The total duration of the project is 24 months, starting from December 2018.

Proposals should be addressed to secretariat@ren21.net.

The **deadline date** for submission of proposals is **3 December 2018, 23:00 (CET)**.