



# Happy Holidays and a wonderful 2022!

**The TPM Energy Transition Lab wishes everyone a happy holiday season and a wonderful 2022!**

2021 is almost over and the Energy Transition Lab is looking back to a successful 2021. As the year passes, we are also excited about what 2022 will bring!

Before giving you a sneak peek into what we will be up to in 2022, we will recap.

## Staff

We welcomed three new researchers in our lab.

Katharina Biely is a new postdoc working on Capturing behavior in the energy transition. You can read more about her projects [here](#).

Tristan de Wildt is a new postdoc working on the theme [Design of the energy transition](#). His work is about modeling values in the energy transition. More on his work is coming soon. Amanda Martinez Reyes is a PhD student who is part of the Tipping+ project. She works on energy justice and she is going to lead the PhD club on energy transition research. Find out more about [Amanda](#).

We welcomed Joy van Eijk and Sean van der Lee as lab assistants. Joy is our pearl, supporting the lab wherever needed. Sean is a TU Delft master's student and apart from supporting the lab, he is also busy with rolling out SONA. Read more about SONA [here](#).



## **Education**

Within the Energy Transition Lab master thesis circle four master students successfully defended their master thesis. Their projects were about uncertainty in the heating transition, heat pumps, consumer behavior and electricity grids, and consumer preferences and residential heating. You can find more [here](#).

Currently, three students are working on their thesis within the master thesis circle. Luuk van Breugel is performing research about Small Modular Reactors, Naomi Hubert is investigating the behavior of solar PV owners and Simon Schilt is undertaking research in the area of mindset change. Project descriptions can be found [here](#).

## **Publication**

The Energy Transition Lab published the first paper in a special issue “Celebrating a decade of EIST: What’s next for transition studies?”

Psychology: The missing link in transitions research.

Abstract: In the next decade, transition researchers need to embrace perspectives, theories, and methods from the scientific field of psychology. An integrative research approach that covers the individual, group, and system level, executed in interdisciplinary research teams is necessary for more effective analysis and applications of sustainability transition processes.

Find the publication [here](#).

## **Funding**

As part of the open exploration theme, the Energy Transition Lab funded six projects:

- Mobile cyber-physical reconfigurable experimental laboratory
- An agent-based model of energy security for energy communities
- Responsible sourcing of critical materials
- Deliberation with climate conspiracy believers
- Designing for darkness in the Delftse Hout
- The energy transition as spatial planning mechanism design challenge

Find descriptions of the projects on our [webpage](#).

We have just closed our latest call and so new projects will be funded. Thus, keep tuned for updates on the new projects!

## **Seminar**

The Energy Transition Lab is also hosting a seminar series on energy justice. We had four seminars that illustrated the complexity of the topic. On our webpage, you can find more [information](#).

In the future you will find more detailed information on the individual contributions, so keep an eye on our webpage!

We are very happy to let you know that more editions will follow (see the section below)!



## Collaboration

We are particularly glad to be able to collaborate with our Think Tank. The TPM Energy Transition Lab Think Tank is a group of experienced researchers working in the field of energy. It is truly great having such an experienced group to reach out to!

**A heartfelt thank you from the whole ET Lab team to all Think Tank members!**

## Communication

Reaching out is important so, we presented our work at a couple of conferences.

- [2021 International System Dynamics Conference](#)
- [International Conference on Environmental Psychology](#)
- [Recharge Earth](#)
- [Beyond Oil 2021](#)

We have also set up a **blog**, where we communicate about work in progress, ongoing projects, and finalized research. Feel free to browse through our blog posts [here](#).

You can also find us on **Twitter**! Our handle is @tpm\_etlab



### Seminar series

Our seminar series on energy justice will continue in the new year! We have not yet set all dates, but we can confirm already one talk.

We are very pleased to welcome **Darren McCauley** who will talk about **Leading a Just Energy Transition for the Arctic? A Quantitative Analysis.**

#### Abstract:

A fair and equitable low carbon future depends on a just transition which, in turn, requires leadership. Where the Arctic is concerned, this leadership is currently lacking. Existing research focuses on institutional leadership from international bodies or bottom-up case study examples of community action. This paper offers a first multi-national quantitative analysis of leadership on the just energy transition for the Arctic. Results suggest that international climate contributions must come in line with carbon emission records alongside a more systematic commitment to both fair and green jobs. Reflections are then made on the positive and negative effects of a more involved EU for the just transition agenda in the Arctic.

His presentation will take place on **18.01.22, 12.30-13.30.**

You can find the event on [LinkedIn](#) and you can follow the seminar by clicking [here](#).

### Job opening

The TU Delft TPM faculty is hiring an Assistant Professor in Environmental Psychology and Simulation. A detailed description of the opening can be found [here](#). We are looking forward to great collaborations with our new colleague!

### Call for project proposals

We are going to have another call for projects in 2022. We are funding smaller projects conducted by TPM researchers. Keep an eye on our [project webpage](#) to not miss out on the next call!

### Call for papers

The TPM Energy Transition Lab will host a session at the STS conference in Graz in 2022. We are hosting a session that is part of the track towards low carbon energy systems. Our session is **C.2 Understanding the embeddedness of individuals within the larger system to support the energy transition.** You can submit via the [conference webpage](#).

The call for abstracts closes on 21.01.22.

Greetings from the **TU Delft TPM Energy Transition Lab**

Management Team

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Gerdien de Vries  
Udo Pesch  
Niek Mouter



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