



4TU.Energy

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4TU Centre for Energy (4TU.Energy) is the knowledge centre on the topic of Energy of the four universities of technology in the Netherlands (Delft University of Technology; Eindhoven University of Technology; University of Twente and Wageningen University and Research).

4TU.Energy strives to accelerate the society's transition to a carbon-neutral future by connecting and leveraging its energy community. In addition to our existing research and education capacities, 4TU.Energy aims to build human capital and research infrastructures. This means that we offer support for activities exploring creative new combinations of scientific fields with staff exchange, workshops, and courses for PhD candidates.

Connect with us and explore new opportunities in Energy research!

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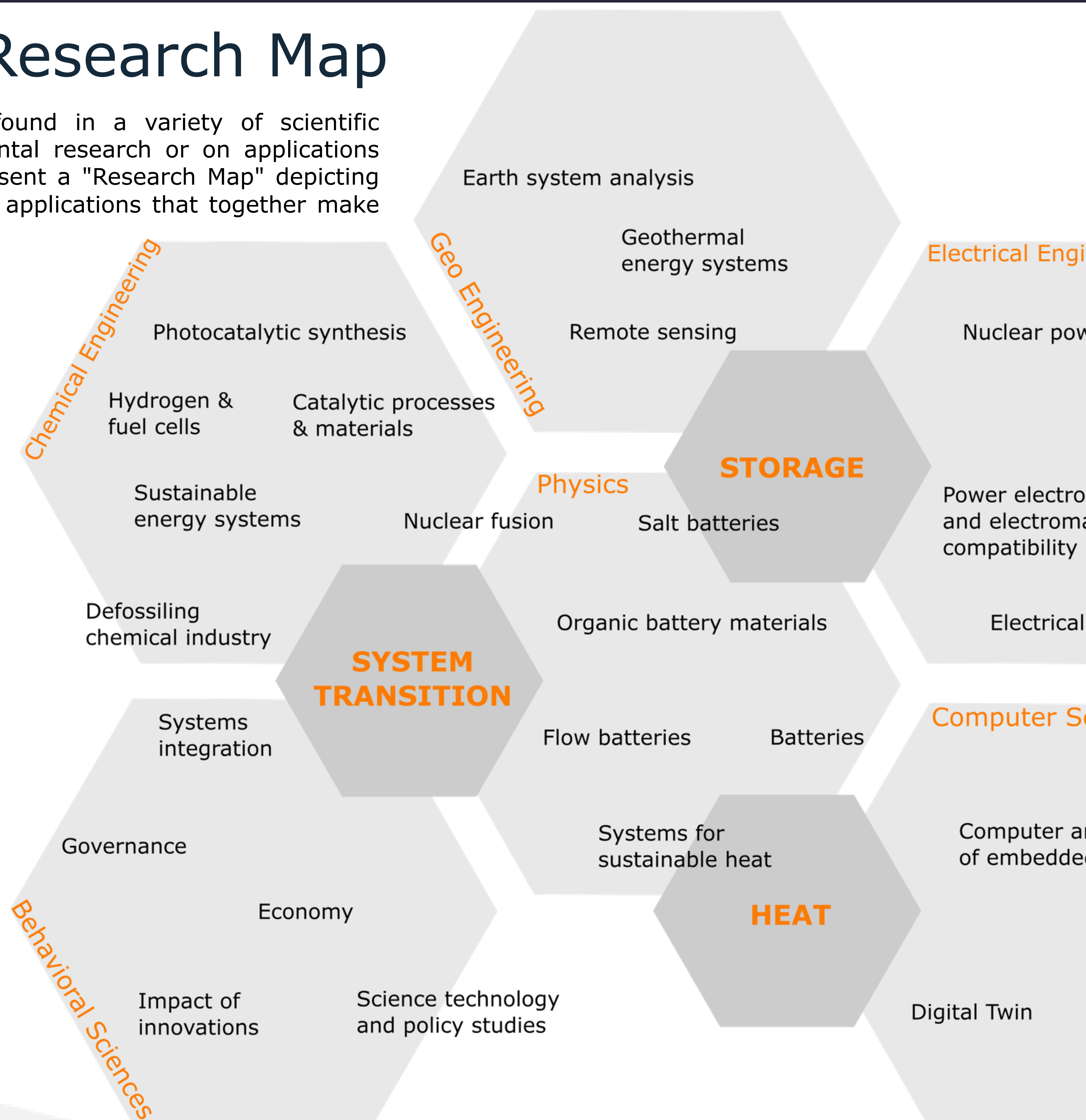
UNIVERSITY OF TWENTE.



4TU.Energy aims to grow and support a community of researchers in the Energy domain. To this end the centre organizes a Community Day and an Annual Conference to bring together a variety of research areas within the Energy domain. Also, 4TU.Energy has the ambition to build capacity by explicitly supporting young researchers in developing their career. This capacity building takes place in the form of workshops, summer schools, and shared courses. Last but not least, to leverage the Energy community, 4TU.Energy supports organizing grant proposal writing activities and where possible offers financial seed funding to kick-start creative, new combinations in research.

4TU.Energy Research Map

4TU.Energy scientists can be found in a variety of scientific disciplines focusing on fundamental research or on applications and its users. Therefore, we present a "Research Map" depicting the many disciplines, fields, and applications that together make up the 4TU.Energy community.



Guanna Li
Wageningen University and Research

Teaming-up with other researchers

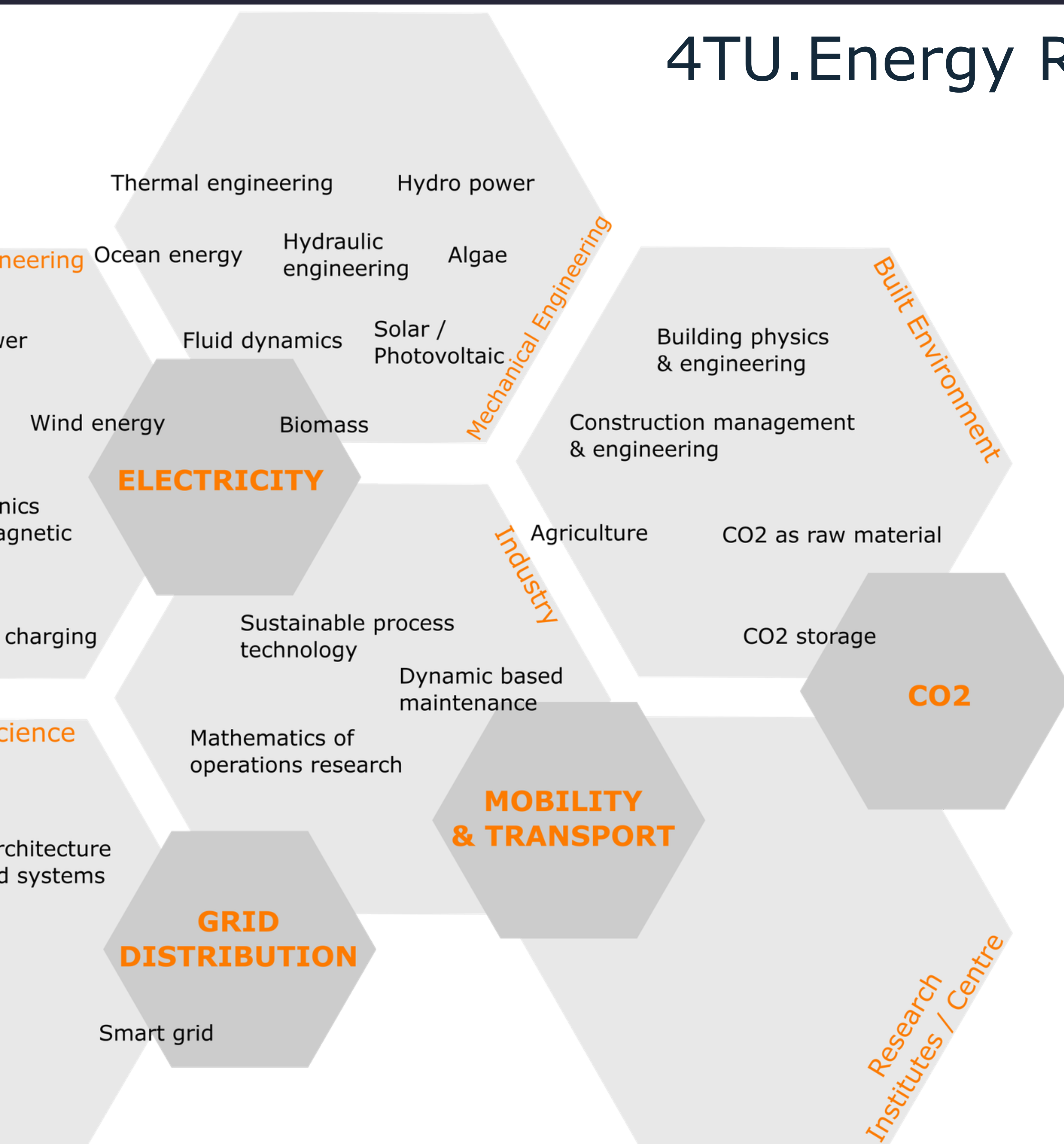
Guanna Li is tenure-track researcher at Wageningen University in the field of chemistry. In her work Guanna constructs computational models to mimic the conversion of biomass fuel catalytic materials. Most of these catalytic materials are designed for fossil fuel conversion. For Guanna, her driving force is to make these input materials more renewable and to open up the black box of conversion.

"During my work I realised that if we want to transition from fossil fuels to renewable fuels with biobased chemistry, we need to do fundamental work on one hand, and work on applications in close collaboration with the industry on the other hand. This is where 4TU.Energy can play a role. My work in modelling the conversion process of catalytic materials is very fundamental, so I would like to team up with researchers who work with fuel production and I would like to connect with industry to optimize processes and reconstruct our energy systems."

4TU.Energy brings a variety of scientific disciplines together to help accelerate society's transition to a carbon-neutral future. To support this community and to get across our message we have developed a number of videos, telling the stories of the research that is being conducted at the four universities of technology.

Keep an eye on our homepage and LinkedIn page! We will update regularly with stories of our "Energizer!" series, in which you will get to know young researchers and their personal stories behind the work that they do.

4TU.Energy Research Video



What 4TU.Energy can do for you

"4TU.Energy should be a platform for young researchers!", says prof. Kornelis Blok. Being a senior researcher, his advice is to develop a strong community offering researchers early in their careers an opportunity to meet fellow scientists outside of the usual habitat. The 4TU.Energy community offers inspiration and a certain freedom to explore new combinations of research that you might not easily have access to within the boundaries of a single university.

Kornelis Blok: "The motivation to collaborate should come from within. The research topics within 4TU.Energy and the diversity of energy research in the Netherlands give ample opportunities to explore and start these collaborations. We are here to provide basic support to get researchers started with testing ideas, support the organization of workshops and collaborative proposal writing.

It's up to you to take the driver's seat!"



Kornelis Blok
Delft University of Technology