

# STRN Newsletter

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## Editorial by



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As the year 2024 is drawing to a close, we - the STRN board - wanted to use this editorial to reflect on what has happened in STRN in the second half of the year, and to look forward to a few highlights in 2025. After a wonderful and well-organised IST 2024 conference in Oslo during the summer, where Florian was announced as the new STRN chair, the STRN board and steering group have been busy with a number of activities on behalf of the community.

Some of it falls into the category of 'housekeeping' such as putting together a budget for 2025 and getting it approved by the steering group. Another important development concerns communications where we have contracted Sophie-Marie Ertelt to support STRN: one already visible outcome is that STRN is now on LinkedIn, both with an institutional account and we set up a group for transitions researchers. If you haven't followed us already, please do so and also sign up for the group and make this a lively platform for our exchange (for details, please see 'STRN News & Events' section of the newsletter). Another project in the making is the development of an annual report format for our institutional members.

In terms of our mission to foster research as well as exchange between members, we have published a call for new thematic groups (TGs) which has resulted in a lot of interest. The steering group subsequently approved six new TGs (see details below). We would like to thank everyone for their commitment and look forward to working with the new thematic groups. For us the significant interest by members to collaborate with others in the community and to further develop areas of shared interest together in a bottom-up way is a very good sign of a lively and engaged community. 2024 was also the first time STRN was in a position to approve some small-scale funding for TG activities: the first was to support a SISA-4 Workshop on Agro-Food Transitions held in Kassel (see details below), the second one is a stock-taking exercise of the Transitions in the Global South TG. In 2025 there will be some financial support available to support TG activities. An open call will be sent to all TGs. We are very curious to see which activities will be proposed and how the new TGs will develop.

One last notable initiative to mention here is the first time STRN as a network has engaged in science policy: through the support for an open letter to the new EU Commissioner Ekaterina Zaharieva, urging the European Commission to enhance support for social science-focused energy research within Horizon Europe and its successor programmes (for details, see [HERE](#)). We are grateful to all members who have signed the letter to express their support and we will update you on any response we may receive. For 2025 we have the ambition to work more closely on the science-policy interface as STRN. New steering group member Daniel Rosenbloom, together with Bruno Turnheim and others, have started to develop a proposal for an STRN Working Group on 'Advancing the Policy Impact of Sustainability Transitions'.

We would like to close with our very best wishes to everyone in the STRN community, whether you celebrate Christmas or not, and wishing a very happy year 2025. We can't wait to see everybody again in Lisbon, Portugal at the next IST conference in June 2025.

All the best,  
**Katharina, Wouter and Florian**

*IST 2025*

We are excited to announce the official launch of the IST'25 Conference website (<https://transitionsnetwork.org/ist-2025/>).

As we move forward in our planning, we will share details about the Tracks and Special Sessions around December 16th, followed by the opening of the Call for Papers on January 6th, 2025. The response to the Call for Open Tracks and Special Sessions has been incredible — 45 proposals were submitted! We sincerely thank you for your dedication and commitment to IST'25. The review process is almost complete, and we'll notify all proponents of the results soon. The website will include detailed information about the tracks, submission guidelines, registration, and practical details to assist with your travel and accommodations in Lisbon. We are excited to engage with the community and foster meaningful collaboration in the months ahead.

Wishing you a wonderful holiday season!



## *STRN PhD School*

The very first STRN PhD School, 'Systems, Theories, Policies and Practices: An Introductory PhD Course in Sustainability Transitions Research', will take place at Chalmers University of Technology, Gothenburg, Sweden from Feb. 3rd-7th, 2025. Hans Hellsmark and colleagues have prepared a fantastic program for the 36 participants joining from around the world.

## *STRN/NEST Method School*

We are excited to share that planning is underway for the 2025 edition of the STRN/NEST Methods School, to be hosted by the Austrian Institute of Technology (AIT) in Vienna. The school is set to take place in Q4 of 2025, and more information will follow shortly.

## *STRN is now on LinkedIn*

In less than a month, our new LinkedIn page has attracted over 1,000 followers therefore, we want to thank you for your support and engagement. If you do not follow us yet, we warmly invite you to connect with our LinkedIn page for the latest updates on research, events, and opportunities. Navigate to our profile [\*\*HERE\*\*](#)

Also, consider becoming part of our LinkedIn group to engage in discussions and share the latest publications as well as job posts. Navigate to our group [\*\*HERE\*\*](#)

## *New STRN Communications support*

We are happy to announce that Sophie-Marie Ertelt will join the STRN Secretariat from January 2025. Sophie-Marie will support our communications efforts, including member updates, newsletters, and outreach activities.

## *EIST Call for papers – Special Issue*

We are currently open for submissions to a special issue in EIST on the topic of ecologies of intermediation (deadline 28 February 2025). Intermediaries facilitate transitions by bridging multiple actors and their processes (Kanda et al., 2020). Thus, intermediaries and intermediation have received increased research attention in transitions studies (Kivimaa et al., 2019). While this has resulted in understanding the types, roles, mechanisms, influence and evolution of intermediaries, the literature needs further advancement. First, intermediaries now operate in a more uncertain world – post-pandemic, wars and the rise of generative AI. Second, the acceleration of certain transitions (e.g., electrification and digitalisation) leads to multiple systems interactions, which brings forth new complexity such as conflicts based on, e.g., divergent values visions (Heiberg and Truffer, 2022) and resource competition (Rosenbloom, 2019) among actor groups. Thus, the free agent and heroic view associated with intermediaries need further probing.

Consequently, there is a growing consensus that intermediation cannot be delivered by single isolated actors. Instead, transition intermediaries coexist in ecologies of intermediation defined as a variety of intermediary actors with different individual missions and objectives, mandates and levels of agency, as well as different opinions and strategies, that connect actors and resources at different scales of socio-technical systems (Barrie & Kanda, 2020; Hyysalo et al., 2022, Soberón et al., 2022). However, conceptualisations and empirical insights on the dynamics of ecologies of intermediation in this new reality are limited.

The submission deadline is the **28th of February 2025**; more information and submission guidelines can be found [HERE](#).

The special issue is edited by guest editors **Wisdom Kanda** (Linköping University, Sweden), **Ingrid Mignon** (Chalmers University of Technology, Sweden), and **Jaime Moreno-Serna** (Universidad Politécnica de Madrid, Spain).



### *10th Annual NEST Conference*

NEST is delighted to announce the Call for Abstracts for the 10th Annual NEST Conference, which will take place in 2025. The event will be hosted by the Science Policy Research Unit (SPRU) at the University of Sussex Business School in Brighton, United Kingdom, under the theme: “Bridging the Gap between Research and Reality: A Reflection on 10 Years of NEST.” As we commemorate a decade of NEST Conferences, this milestone offers a valuable opportunity to reflect on the interplay between sustainability transitions research and the urgent challenges of today’s world.

For more details and to submit your abstract, visit the Call for Abstracts page: [\*\*10th NEST Conference 2025\*\*](#).

Since this marks the 10th anniversary of this conference, we also encourage senior scholars and former NESTies to join the event to reflect over and celebrate a decade of supporting early career researchers in sustainability transitions.



Since the summer break, the NEST webinar series has featured three engaging sessions centred on concepts and theories in sustainability transitions. The final webinar of 2024, held recently, spotlighted Dr. Christopher Ives and Dr. Jens Köhrsen, who discussed the role of “Religion in Sustainability Transitions.” November also marked the launch of a new methods track with an insightful introductory webinar by Dr. Jonathan Köhler titled “What Is Good Sustainability Transitions Science?”. Looking ahead, NEST plans to host 2 to 3 methods-focused and 2 concept/theory-focused webinars over the next six months. We are also excited to announce a special anniversary webinar to celebrate five years of NEST webinars. This event will take place in spring 2025—stay tuned for more details!

As always, recordings of previous webinars are available on the NEST YouTube channel: **Transitions NEST YouTube**

### *NEST Online Community Platform*

To improve global collaboration and exchange among researchers, we want to draw attention to our online community platform on, Discord. This platform aims to serve as a space for early career researchers to communicate, share ideas, and host online events. We are seeking individuals who are familiar with Discord and interested in nurturing this platform as an active online hub.

If you have ideas for online events or would like to contribute to this initiative, please get in touch with us at [transitions.nest@gmail.com](mailto:transitions.nest@gmail.com).



### *New Thematic Groups*

After our call for new Thematic Groups earlier this year, we are excited to introduce to you six new Thematic Groups:

#### **Destabilisation, Decline and Phase-out (D2P):**

This new thematic group seeks to bring together discussions related to Destabilisation, Decline and Phase-out (D2P) along with related concepts such as discontinuation, de-institutionalisation, and exnovation, among others. We aim to foster a community to complement the focus on novelty and innovation in transitions research. In doing so, our goal is to develop a deeper understanding of the existing regimes and to engage explicitly with questions about how and under what conditions regimes become destabilised, lock-ins are unlocked, and certain technologies or practices decline or are actively discontinued. Contact details: [transitions.d2p@gmail.com](mailto:transitions.d2p@gmail.com).

**Equity and Justice (Ju-ST):** This second new thematic group brings together the growing community of scholars working on questions of justice, defined very broadly, in sustainability transitions research and practice. By synthesising existing knowledge and fostering a collaborative space, the group aims to develop cohesive theoretical frameworks and generate more comprehensive empirical insights that integrate justice considerations into sustainability transitions.

Contact details: [just.trans.strn@gmail.com](mailto:just.trans.strn@gmail.com)

**Art-Science:** This third new thematic group seeks to bring together scholars, auctioneers and artists who want to Explore the relationship between art, politics, imagination, and sustainability transitions. We investigate these intersections through literature, visual arts,

sound, music, theatre, and more, fostering an active and collaborative community to share ideas, create collaborative research opportunities, and organise online and in-person events.

Contact details: [artsciencestrn@gmail.com](mailto:artsciencestrn@gmail.com)

### **Digitalisation and Sustainability Transitions:**

This fourth new thematic group seeks to highlight the role of digitalisation – e.g. generative AI, twin transitions and digital platforms - in driving sustainability transitions while also better understanding trade-offs and tensions. The group aims to foster deeper engagement with digitalisation within the sustainability transitions community by offering a platform for dialogue and collaboration and advancing our understanding of how these two critical domains intersect.

Contact details: Please join our mailing list at <https://groups.google.com/g/strn-digitalization> or contact us at [strn.digitalization.group@gmail.com](mailto:strn.digitalization.group@gmail.com).

**Multi-System Dynamics (MSD):** This fifth new thematic group focuses on understanding system transformations unfolding across multiple different yet interconnected socio-technical systems. By fostering dialogue and collaboration, the group aims to formalise and consolidate research on multi-system interactions, exploring empirical multi-system phenomena, their theoretical implications, and methodological challenges.

Contact details: [strn.tg.ms@gmail.com](mailto:strn.tg.ms@gmail.com)

**Tipping Points and Pathways for Accelerating Sustainability Transitions (TiP\_fAST):** Lastly, this sixth new thematic group explores acceleration patterns in system change, identifying tipping points, dynamics, and pathways that drive sustainability transitions and examining their implications for policy and financial interventions. Contact details: Contact details: [TiP\\_fAST@gmail.com](mailto:TiP_fAST@gmail.com)

More information on each group and on how you can join these new groups will follow soon on our home page:

<https://transitionsnetwork.org/thematic-groups/>

## **Upcoming TG activities**

### *Transitions in Global South*

Transiciones en América Latina y el Caribe, a subgroup from Latin America, conducted in 2024 the webinar series Diálogos Abiertos. Organised by Diego Hernandez, Rafael Carvalho Machado, Rebeca Toysen and Monica Ramos-Mejia, this four-webinar series discussed relevant work around transitions in the region, especially focused on Global South challenges. The webinar series is available on the [TGS YouTube channel](#). Following these discussions, a call for papers is planned for 2025 to bring together research in transitions in Latin America.

TGS network has proposed a track, ‘Sustainability transitions in the Global South: New Research Directions’ at IST 2025. The track aims to fill the knowledge gap in key geographical, social and political factors influencing transition in the global south, alternative methods of studying and governance of transition in the global south, and the normative, emotional and everyday aspects of the transitions in the global south.

If you want to join the network or its regional hubs, contact us through our email [transitions.globalsouth@gmail.com](mailto:transitions.globalsouth@gmail.com). Updates of TGS activities to keep the community engaged are also shared through other platforms such as X (@transitionsouth) and LinkedIn.

## Past TG activities

### *SISA-4 Workshop in Kassel on Agro-Food Transitions*

Organised by the STRN-AFTG (Agro-food Thematic Group)

From October 7th to October 9th, Kassel University hosted the 4th international workshop on System Innovation towards Sustainable Agriculture (SISA). It was entitled "Transitions towards Sustainable Agriculture and Food Systems: Connecting Research and Practice". Building upon the pioneering work of previous editions, this workshop centred on connecting research and practice. Inviting participants from both policy and practice was instrumental to meaningful discussions on connecting current agri-food transition research to practical needs and to further develop of the SISA format.



Picture: Melissa Gilch

Following the workshop, the organising committee received very positive feedback to a sent-out questionnaire. Participants highlighted the room the workshop provided for fruitful in-depth discussion and the use of creative formats and methods, including an excursion to the farm trial station Frankenhausen. To inspire further work within the AFTG, the organising team collected both suggestions from participants and commitments to stay engaged.

The community is looking forward to further host and develop the SISA workshop series under the umbrella of the STRN network to provide regular valuable space for discussion and reflection based on the state-of-the-art in agro-food transition research, policy and practice in different contexts around the globe.


The participants of the workshop formed a number of small working groups that are open to the wider STRN community. The working groups will work on a summary documentation brochure, a special issue of a journal to publish the papers discussed, a policy paper, a session or track at IST 25 in Lisbon and activities such as regular online meetings to facilitate continuous interaction.

The members of the organising committee are grateful for the contributions of the participants and funders, i.e. IFRIS, the SYNERGIA programme, and specific grants from the STRN network for supporting the attendance of practitioners and Stiftung fiat panis for promoting agri-food transitions research in the global south.

Contact for further information:

Bettina König (University of Kassel): [bettina.koenig@uni-kassel.de](mailto:bettina.koenig@uni-kassel.de)

Boelie Elzen (Wageningen University and Research): [boelie.elzen@wur.nl](mailto:boelie.elzen@wur.nl)




## Other Events

*Online reading group on the role of emotions in sustainability transitions*

Emotions have been known for a long time to be closely interlinked with individual and collective meaning-making, agency and behaviour (Bogner et al. 2024), influential in mobilising a variety of individual and collective actions as well as inducing inaction (Bericat, 2016; Clore & Gasper, 2000; Dolan, 2002; Holmes et al., 2020; Turner and Stets 2006, to name just a few). It has been argued that we need to know about emotions, as well as that we need emotions as a way of knowing. This might also explain transition scholars' current increasing engagement with the role of emotions in deep change processes (e.g., Bogner et al. 2024, Feola and Jaworska 2019, Coops et al. 2024, Martiskainen and Sovacool 2021).

Therefore, we are hosting a 4-annual international online reading group on the role of emotions in sustainability transitions. If you are interested in joining, send an e-mail to Kristina Bogner [k.b.bogner@uu.nl](mailto:k.b.bogner@uu.nl)



## New Projects

*GreenTraC: Green Transition Policy Centre*

The Green Transition Policy Centre (GreenTraC) is dedicated to developing a comprehensive theory of green transition policy, focusing on how policies can address the complexity and urgency of the advanced phase of the energy transition.

GreenTraC aims to uncover the causal relationships between key factors — such as political, institutional, and technological conditions — and their effects on green

transition processes. Focusing on policy mixes, we combine in-depth qualitative case studies with advanced data science techniques to study efforts to decarbonise three key sectors where progress has been slow and rapid acceleration is critical: the agrifood sector, energy-intensive industries (e.g., cement and chemicals), and maritime transport.

Financed for 5 years by the Carlsberg Foundation, GreenTraC brings together researchers from the University of Copenhagen, the Technical University of Denmark and Aalborg University.

For more info, contact Teis Hansen [teis.hansen@ifro.ku.dk](mailto:teis.hansen@ifro.ku.dk)



## Publications

### PhD Theses

Miller, M. A. (2024). Designing Regenerative Transitions. [PhD Thesis, University of Technology Sydney]. OPUS Repository at UTS. <http://hdl.handle.net/10453/180835>

#### *Abstract:*

This research supports practitioners in forming their own approaches to design for sustainability transitions, accounting for the reality that practitioners routinely bricolage their approaches for a given situation. Practice insights are drawn from the empirical experience of a Case Study project seeking to accelerate Regenerative Agriculture transitions, elements of practice are mapped through an analysis of Transition Design-related empirical cases, and the elements of practice are assembled into a conceptual 'compass' framework to assist in structuring practice. How to 'DIY methodology' is then summarised in a Field Guide for practitioners (see appendix). To examine methodology and practice through practice, the researcher undertook a Case Study project in agricultural sustainability, an area where there were no case studies specific to Transition Design at the time of research.



In the case study project, the researcher, as a designer-practitioner, actively seeks to help catalyse systems change for the regenerative agriculture transition in New South Wales, Australia, from 2017 through 2023. The Case Study features semi-structured interviews, farmer workshops, involvement in multiple working groups (e.g., sub-projects, including a recycled organics market building project), and experimentation with a transition support business idea, TransitionAg. The project results in naming barriers and enablers of transition, a set of Opportunity Areas, segmentation via transition personas, a Theory of Change for Regenerative Agriculture transition, and a call for (plural) visions of more sustainable agriculture. The Case Study provided insights into Transition Design methodology, including three regenerative principles and a description of design as an Adaptive Cycle.

## Papers

We are happy to introduce the most recent issue of EIST, published in Volume 52. The full list of papers is featured below.

Bernhard Truffer, Editor-in-chief

### *EIST Volume 52*

Vogel, M., Kacperski, C., Bielig, M., & Kutzner, F. (2024). Doing gender in energy communities: A gendered perspective on barriers and motivators. *Environmental Innovation and Societal Transitions*, 53, 100902. <https://doi.org/10.1016/j.eist.2024.100902>

Vogler, A., & Wittmayer, J. M. (2024). Mainstreaming storylines of social innovation: The case of energy communities in Austria. *Environmental Innovation and Societal Transitions*, 53, 100901. <https://doi.org/10.1016/j.eist.2024.100901>

Mori, A., & Zhang, K. (2024). Networked sustainable business model innovation and sustainable energy transitions: A case study of incumbent Chinese manufacturers in 2010–2022. *Environmental Innovation and Societal Transitions*, 53, 100911. <https://doi.org/10.1016/j.eist.2024.100911>

Lis-Plesińska, A., Szymanowski, R., & Jaskólski, M. W. (2024). Transition imaginaries: Expectations of the state project of an electric vehicle in Poland. *Environmental Innovation and Societal Transitions*, 53, 100912. <https://doi.org/10.1016/j.eist.2024.100912>

Huang, P., Broto, V. C., & Westman, L. (2024). Harnessing social innovation for a just transition: A case study of tea industrialisation in China's era of ecological civilisation. *Environmental Innovation and Societal Transitions*, 53, 100917. <https://doi.org/10.1016/j.eist.2024.100917>

Gudek, L., Kok, K. P., & Broerse, J. E. (2024). Towards new perspectives of stakeholder engagement in sustainability transitions: Bringing the supranational level into view. *Environmental Innovation and Societal Transitions*, 53, 100921. <https://doi.org/10.1016/j.eist.2024.100921>

Novalia, W., Farrelly, M., & Raven, R. (2024). Place-based and sectoral patterns in urban experimentation: Implications for deep transitions research. *Environmental Innovation and Societal Transitions*, 53, 100922. <https://doi.org/10.1016/j.eist.2024.100922>

Iakovleva, M., & Rayner, J. (2024). Accelerating the deployment of SMRs in Canada: The importance of intermediaries. *Environmental Innovation and Societal Transitions*, 53, 100918. <https://doi.org/10.1016/j.eist.2024.100918>

Steen, M., Mäkitie, T., Hanson, J., & Normann, H. E. (2024). Developing the industrial capacity for energy transitions: Resource formation for offshore wind in Europe. *Environmental Innovation and Societal Transitions*, 53, 100925. <https://doi.org/10.1016/j.eist.2024.100925>

Opinde, G., Majale, C., & Nygaard, I. (2024). Hibernation of off-grid solar e-waste in Kenya: An unintended response to an emerging waste issue. *Environmental Innovation and Societal Transitions*, 53, 10092. <https://doi.org/10.1016/j.eist.2024.100926>

Tomai, M., Papachristos, G., & Ramani, S. V. (2024). The dynamics of change towards sustainability in developing countries: Evidence from Ghana's Waste-to-Energy transition. *Environmental Innovation and Societal Transitions*, 53, 100928. <https://doi.org/10.1016/j.eist.2024.100928>

Hansen, A. S., Manniche, J., & Larsen, K. T. (2024). Navigating sustainable transition processes at the local level: The case of Energy Island Bornholm. *Environmental Innovation and Societal Transitions*, 53, 100930. <https://doi.org/10.1016/j.eist.2024.100930>



Ba, Y., Nair, S., & Kedia, M. (2024). Cross-sector collaboration, nonprofit readiness, and sustainability transitions. *Environmental Innovation and Societal Transitions*, 53, 100933. <https://doi.org/10.1016/j.eist.2024.100933>

Borrás, S., Haakonsson, S., Hendriksen, C., Gerli, F., Poulsen, R. T., Pallesen, T., Somavilla Croxatto, L., Kugelberg, S., & Larsen, H. (2024). The transformative capacity of public sector organisations in sustainability transitions. *Environmental Innovation and Societal Transitions*, 53, 100904. <https://doi.org/10.1016/j.eist.2024.100904>

Fischhendler, I. (2024). The role of borderlands in the energy transition: Toward a theoretical framework. *Environmental Innovation and Societal Transitions*, 53, 100900. <https://doi.org/10.1016/j.eist.2024.100900>

#### *Special Section on Geographies of Missions*

Ziembla, M., Uyarra, E., & Pinkse, J. (2024). The uphill battle for reinventing post-industrial regions: The case of Greater Manchester's 'clean growth' mission. *Environmental Innovation and Societal Transitions*, 53, 100915. <https://doi.org/10.1016/j.eist.2024.100915>

Pihlajamaa, M., & Valovirta, V. (2024). The potential of innovation contests in articulating the demand for system-level transformation: The case of the Helsinki Energy Challenge. *Environmental Innovation and Societal Transitions*, 53, 100916. <https://doi.org/10.1016/j.eist.2024.100916>

Hansen, T., Hanson, J., Mäkitie, T., Normann, H., & Steen, M. (2024). Scalar orientation of policies and technology legitimacy: The case of decarbonisation in Norway. *Environmental Innovation and Societal Transitions*, 53, 100919. <https://doi.org/10.1016/j.eist.2024.100919>

Ahokas, J., Järvensivu, P., & Toivanen, T. (2024). Ideas behind transformative innovation policy: Economists confronting missions and sustainability transition in Finland. *Environmental Innovation and Societal Transitions*, 53, 100927. <https://doi.org/10.1016/j.eist.2024.100927>

#### *Special Section on Household innovation and agency in sustainability transitions*

Van Beek, E., Boess, S., Bozzon, A., & Giaccardi, E. (2024). Practice reconfigurations around heat pumps in and beyond Dutch households. *Environmental Innovation and Societal Transitions*, 53, 100903. <https://doi.org/10.1016/j.eist.2024.100903>

Vasseur, V., & Backhaus, J. (2024). The influence of disruptive events on energy-related household practices: Results of a longitudinal study in the Netherlands. *Environmental Innovation and Societal Transitions*, 53, 100920. <https://doi.org/10.1016/j.eist.2024.100920>

Taylor, M., & Street, P. (2024). Learning to (not quite) buy nothing: Digital gift economies and household innovations reducing consumption. *Environmental Innovation and Societal Transitions*, 53, 100929. <https://doi.org/10.1016/j.eist.2024.100929>

#### *Special Section on Alterity as an interdisciplinary bridge between alternative forms of enterprise and global sustainability transitions*

Gajewski, E., & Kungl, G. (2024). Economic alterity and the green spirit of capitalism – on the pitfalls of green entrepreneurship. *Environmental Innovation and Societal Transitions*, 53, 100898. <https://doi.org/10.1016/j.eist.2024.100898>

Colbourne, R., Ejaz, L., Grinevich, V., Husain, S., & O'Farrell, D. (2024). Hybrid entrepreneurship in just transitions: Dealing with dilemmas facing 'the other'. *Environmental Innovation and Societal Transitions*, 53, 100924. <https://doi.org/10.1016/j.eist.2024.100924>

Kramer, L., Stern, T., & Kriechbaum, M. (2024). Framing the limits to growth: Narratives in the sustainable fashion industry. *Environmental Innovation and Societal Transitions*, 53, 100923. <https://doi.org/10.1016/j.eist.2024.100923>

## **Additional publications**

Bolton, R. (2024). Negotiating risks in electricity market regimes: What lessons can be learned from the history of liberalisation reform for net zero transitions? *Energy Research & Social Science*, 118, 103790. <https://doi.org/10.1016/j.erss.2024.103790>

Deknatel, N., & van der Loos, A. (2025). The intangible technological innovation system: The role and influence of voluntary and compliance carbon markets on carbon dioxide removal in the European Union. *Energy Research and Social Science*, 119. <https://doi.org/10.1016/j.erss.2024.103851>

Friederich, C., Mouthaan, M., & Frenken, K. (2025). Growing pains in upscaling: A constructive technology assessment of sea lice treatment innovations in the stagnating Norwegian aquaculture regime. *Progress in Economic Geography*, 3(1), 100030. <https://doi.org/10.1016/j.peg.2024.100030>

Friedrich, J. & Hendriks, A. (2024): Imagined futures in sustainability transitions: Towards diverse future-making. *Futures*. <https://doi.org/10.1016/j.futures.2024.103502>

Hoicka, C. E., Graziano, M., Willard-Stepan, M., & Zhao, Y. (2025). Insights to accelerate place-based at Scale Renewable Energy Landscapes: An analytical framework to typify the emergence of renewable energy clusters along the energy value chain. *Applied Energy*, 377, 124559. <https://doi.org/10.1016/j.apenergy.2024.124559>

Hurst, G., & Pant, L. P. (2024). The role of dairy alternatives in just food system transitions: a scoping review. *Agriculture and Human Values*, 1-16.). <https://doi.org/10.1007/s10460-024-10659-z>

Kivimaa, P., & Sivonen, M. H. (2024). "We rather not connect trade to politics, let alone geopolitics" – The changing role of Russia as a landscape pressure for zero-carbon energy transitions. *Energy Research & Social Science*, 118, 103775. <https://doi.org/10.1016/j.erss.2024.103775>

Moss, T., Fischhendler, I., Herman, L., Lukin, S., Papasozomenou, O., Rettig, E., Rosen, G., Shtern, M., & Sonan, S. (2024). Energy infrastructures in divided cities. *Progress in Planning*, 100910. <https://doi.org/10.1016/j.progress.2024.100910>

Olbrich, S., & Bauknecht, D. (2024). The system building perspective for building sustainable system configurations using the German energy transition as an example. *Oxford Open Energy*, 3. <https://doi.org/10.1093/ooenergy/oiae010>

Olbrich, S., Bauknecht, D., & Späth, P. (2024). Policy mixes for net-zero energy transitions: Insights from energy sector integration in Germany. *Energy Research & Social Science*, 118, 103822. <https://doi.org/10.1016/j.erss.2024.103822>

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