

Editorial by



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From Delhi to Linköping to Melbourne: STRN's expanding early-career activities

One of the most encouraging developments in recent years is the way STRN has expanded—geographically, intellectually, and institutionally—while staying true to its original commitment to open, critical, and collaborative scholarship. Internationalization and diversification are no longer distant aspirations; they are lived realities within the network. Nowhere is this more visible than in STRN's growing engagement with PhD candidates and other early-career researchers, who are increasingly shaping the network's present and future.

From its beginnings, STRN has been built on the idea that transitions research thrives through dialogue across academic disciplines, national contexts, and career stages. The recent proliferation of STRN activities beyond established research centers signals an important shift: the center of gravity is no longer fixed, but relational and mobile. This shift matters, particularly for doctoral and early-career scholars seeking intellectual communities that are rigorous, welcoming, and open to experimentation.

March and April were exceptional months for our community. The 11th NEST conference in Delhi, India, emphasized STRN's ongoing internationalization and diversification. Hosted by the School of Public Policy at IIT Delhi on 28–29 March 2026, it marked an important milestone as the first NEST conference to be held exclusively in the Global South. Organized around the theme “Interlinked Transitions: From Global Visions to Local Realities,” the conference brought together over 120 participants from more than 60 universities worldwide, with particularly strong representation from the Global South, including India, Nigeria, Ethiopia, Zimbabwe, Vietnam, Indonesia, and Rwanda. Through plenaries, methods workshops, and interactive ECR sessions, participants engaged with questions of justice, governance, knowledge systems, and implementation in sustainability transitions.

The PhD School in Linköping, Sweden, offered a further illustration of this ethos. Bringing together doctoral candidates from different countries and disciplinary backgrounds, the school created a space for sustained engagement with theory, methodology, and practice. What stood out was not only the high level of scholarly exchange but also interactions with the local community through study visits and panel discussions. During the PhD school, a variety of senior scholars participated as interlocutors, commentators, and convenors, reinforcing STRN's long-standing commitment to collegiality rather than hierarchy.

This spirit traveled well across continents. The PhD School in Melbourne extended these conversations into another academic and cultural context. Participants joined from across Australia as well as from institutions in Asia, Africa, and Europe. They were generously welcomed to Wurundjeri Country by Wurundjeri Elder Uncle Bill Nicholson, and the broader sense of welcoming and belonging to the STRN scholarly community was one of the biggest takeaways for participants. The diversity of staff and students also reinforced the pluriverse perspective as a key theme, with participants encountering different ways of understanding and imagining sustainability transitions.

Taken together, these three events signal an important evolution of STRN. Internationalization is not merely about reaching more places, but about redistributing attention, voice, and intellectual authority. Diversification is an ongoing process that requires care, reflexivity, and commitment. By investing in PhD candidates and early-career researchers—through PhD schools, conferences, and sustained mentorship, STRN is nurturing a scholarly community capable of renewing itself.

As STRN moves forward, these developments invite all members to reflect on their role within the network. Supporting early-career scholars, engaging across borders, and remaining open to epistemic differences are central to STRN's continued vitality and societal relevance.

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IST-26

Dear STRN community,

The IST-26 conference organizing committee thanks the transitions research community for the exceptional response to the call for abstracts. We received over 1000 submissions across 17 conference tracks and 7 proposed thematic sessions, signalling extraordinary interest in transitions research. At the same time, selecting the most relevant research themes and presentations has been very challenging, both for the organizing committee and for track/session convenors. We are now pleased to announce that the conference program will include more than 550 full paper presentations, speed talks, posters and special sessions.

We would like to inform you that registration for the conference is planned in two stages. Registration is open for presenting authors, panellists, track convenors and special session organizers. For non-presenting participants, registration opens on June 19.

Key dates

- 22 May 2026 - Early-bird registration opens for presenting authors, track convenors, special session organizers and panellists.
- 19 June, 23:59 CEST - Early bird registration closes. Registration opens to everyone.
- 26 June, 23:59 CEST - Deadline for presenting authors: Completing registration and uploading full papers. Uploading a full paper is mandatory for full paper presentations, and optional for speed talks.
- 24 July, 23:59 CEST - Registration closes for all.



Please refer to the [IST website](#) for further information on:

- Conference fees
- Program overview
- Main conference events
- (Semi-plenaries, Zurich city excursions and conference networking dinner)
- Registration process for early career researcher (ECR) events
- (ECR day, Paper development workshop, Notable paper award)

Participants requiring invitation letter or other assistance for visa application processes are requested to write to us as soon as possible. Application procedures for Switzerland often take as long as three months.

We look forward to welcoming you soon in Zurich! If you have further questions, please reach out to the IST-26 conference organizing committee at IST2026@eawag.ch.

Best regards,
IST 26 Organizing Committee

STRN Paper Development Workshop at IST-26

After two successful editions at previous IST conferences, STRN will again host a Paper Development Workshop for early-career researchers at IST 2026 on the 3rd of September. The post-conference workshop offers PhD students and post-docs within three years of PhD completion the opportunity to receive constructive feedback on early-stage working papers from experienced scholars and peers.

Applicants must be accepted to present at IST 2026 as presenting authors. Participation is free, but places are limited to 35 participants. A limited number of one-night hotel-stay grants are available to participants in need of financial support, with priority given to applicants from countries with more limited resources.

Apply by 26 June 2026 via the IST [submission platform](#).

For more information, visit the [conference website](#)!

Save the date: STRN Methods School 2026

STRN is pleased to announce the next edition of the STRN Methods School, which will take place at Lund University from 23–26 November 2026.

The 2026 Methods School will focus on the topic of destabilization, discontinuation, and decline and will be organized by Lea Fünfschilling and hosted by the Department of Sociology and the Lund Social Science Methods Center at Lund University.

Key dates

- Application deadline: Friday, 11 September 2026
- Notification of acceptance: Friday, 18 September 2026
- Methods School: 23–26 November 2026

Detailed information on the program and application procedure will follow soon on the [STRN website](#).

Joint GeoST / ROREP Workshop: Regions in Transition: How to Mobilize Multi-Scalar Networks for Sustainable Development?

- Date: 3 September 2026, 09:00–12:00 (followed by lunch)
- Location: ETH Zurich, ETZ Building
- Organizers: Rahel Meili, Markus Steen, Christian Binz, Johan Miorner, Camilla Chlebna
- Registration: [ROREP Website](#)

About the workshop:

Co-organized by the STRN Geography of Sustainability Transitions (GeoST) thematic group and the Swiss research association for regional policy (ROREP), this workshop takes place immediately after IST 2026. It brings together scholars and practitioners from transition studies, economic geography, and regional and innovation policy to discuss a central GeoST question:

How can regions mobilize their position within multi-scalar networks to foster more sustainable development pathways?

The workshop explores how interactions across local, regional, national, and global scales shape regional development and sustainability transitions. Particular attention will be paid to how regions reconfigure local assets, connect to global value chains, and mobilize external resources to support sustainable transformation.

Topics include:

- Upgrading regional innovation systems and local value chains
- Challenge-oriented regional reconfiguration and mission-driven development
- Anchoring in global cleantech value chains and green industrial development
- Through short presentations, interactive discussions, and breakout sessions, participants will examine:
- How regions position themselves within multi-scalar networks
- Opportunities and constraints for sustainable development
- Implications for regional and innovation policy

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Reports from past events



Connecting People, Places, and Systems in Sustainability Transitions Research at the STRN Melbourne PhD School

The Melbourne PhD School has continued to grow the STRN community beyond its roots in Europe and highlighted the importance of diverse cultures and disciplines in advancing the field. Monash University welcomed 26 participants from 14 institutions across Australia and the broader Asia, Africa, and European regions whose research spanned topics including policy, modelling, intersectionality, ecology, housing, mobility, health, finance, and leadership.

International keynote speaker Dr Bipashyee Ghosh (UCL) delivered an overview of advances in sustainability transitions research and pluriverse perspectives. Prof Rob Raven and Dr Darren Sharp covered core theories of strategic niche management and place-based experimentation. Participants mapped transition pathways and system dynamics with Dr Cameron Allen and Dr Enayat Moallemi (CSIRO), and Dr Stefan Kaufman and Dr Filia Garivaldis explored how human behaviour relates to systems change.

Dr Adriana Keating hosted a Tomorrow Party, where the group looked back on the impact of their research 10 years into the future. Tensions, challenges, and opportunities for transdisciplinary research were explored with A/Prof Shirin Malekpour, Dr Bipashyee Ghosh, Prof Annette Bos, Prof Megan Farrelly, Dr Christoph Brodnik, and Dr Paris Hadfield. Finally, staff mentors, including A/Prof Matteo Bonotti and Prof Peter Adey, worked with students on their papers in progress, which many students considered the most useful part of the school.

Our participant experience survey showed 100% overall satisfaction, with many expressing appreciation for the scholarly and social aspects, as well as the school atmosphere. Particular gratitude was expressed for the excellent communication and organisation of the PhD school, shaped locally by Dr. Paris Hadfield and Mae Wae. Their positive feedback reinforces the value of this mode of engaging and supporting ECRs around the world through the STRN network.

“The STRN PhD School offered a rare combination of academic rigour and genuine collegiality. The access to leading scholars in the field, the quality of the sessions, and the careful attention to participants' experience made it a genuinely enriching opportunity. I would encourage any doctoral researcher working on sustainability transitions to attend.”

“By far the most memorable and meaningful experience I have had during my candidature to date.”

- Paris, Shirin, Rob

STRN PhD School 2026 in Linköping

The STRN PhD School “Introduction to Sustainability Transitions” was held at Linköping University from 16 to 20 March 2026, bringing together an enthusiastic group of 34 PhD candidates from 16 different countries. The school, which was hosted by Thomas Magnusson, Harald Rohrer, and Wisdom Kanda, offered an inspiring week of learning, discussion, and community building within the sustainability transitions research community.

The program combined strong theoretical foundations with hands-on and practice-oriented elements. Core sessions introduced and deepened understanding of central sustainability transitions frameworks, with a thematic focus on industries, firms, and markets, governance and intermediation, reflexive monitoring and transformative indicators, sustainable consumption and just transitions, and critical perspectives on transitions research. The teaching mixed lectures, interactive group discussions, and PhD-focused dialogue, encouraging active engagement and peer learning throughout the week.

A much-appreciated highlight was the study visit to the local utility, Tekniska verken, where participants gained first-hand insights into how transitions are addressed in practice, focusing on energy, waste management, and infrastructure. This was complemented by a panel discussion with local practitioners, which sparked lively exchanges on the opportunities and challenges of enacting transitions in real-world contexts. The candidates also had an evening of their own, organizing a social event that was greatly appreciated as an opportunity to connect and further strengthen academic bonds.

The program, moreover, included dedicated feedback sessions on participants' paper drafts and research proposals, providing valuable input from faculty and peers alike. With contributions from an experienced and diverse faculty team, the Linköping PhD School offered a rich, inspiring, and collegial learning environment—and a memorable STRN experience for all involved.

-Thomas, Wisdom, Harald

Towards Bridging the Epistemological Divide: Lessons from NEST's First Global South Conference

The 11th Annual NEST Conference, held at the School of Public Policy, IIT Delhi, on 28–29 March 2026, was the first in the network's eleven-year history to exclusively take place in the Global South. That choice was anything but incidental. For STRN and the broader transitions community, it raised a necessary question: whose knowledge is actually shaping this field and its future trajectory?

The conference theme "Interlinked Transitions: From Global Visions to Local Realities" confronted the persistent gap between ambitious global frameworks and the context-specific realities in which transitions actually unfold.

That gap looks very different depending on where you are standing. Bringing the conference to New Delhi was, in part, an acknowledgment of that. Hence, it was not just a geographic choice, but an epistemological one. If sustainability transitions research is to retain global relevance, it must be continuously shaped by researchers embedded in diverse contexts.

The conference drew over 120 participants from more than 60 universities, with strong representation from India, Nigeria, Ethiopia, Ghana, Zimbabwe, Vietnam, Indonesia, and Rwanda to name a few. Plenaries by Dr. Aasa Persson (KTH), Dr. Angela Lusigi (UNDP India), Dr. Katharina Schiller (CIMMYT), Dr. Sharachchandra Lele (ATREE), and Dr. Annapurna Mamidipudi (TU Berlin) highlighted how knowledge systems, global agendas, and local realities collide in practice. A session on navigating publishing in an evolving academic landscape, led by Dr. Nicky Dean (Nature Research Journals), also surfaced quieter structural inequalities- the pressure on Global South ECRs to publish in northern-dominated journals, with limited access to influential networks and underfunded research environments.

Lastly, a hands-on methods workshop explored the challenges of conducting interdisciplinary research, an important topic for early career researchers navigating institutional structures that still largely reward disciplinary depth over cross-boundary collaboration.

Organizing this conference was not without difficulty, and glossing over these challenges would be a disservice to the efforts that went into it. Visa constraints proved one of the most persistent barriers: despite strong interest from across the Global South, several early-career researchers were unable to attend due to refusals or drawn-out application processes. The ongoing conflict in West Asia further disrupted travel and heightened uncertainty. It was a brutal reminder that transitions research does not occur in a vacuum, and the communities most urgently in need of just transitions are often those most destabilized by crises.

This year's NEST made a conscious attempt to bridge the epistemological divide not just by relocating the conference geographically, but by curating a program that centered knowledge from and about the Global South. The conversations spanned informality, agrarian transitions, energy access, colonial legacies, and the role of grassroots movements while highlighting how structural conditions, regional trajectories, and diverse governance models shape sustainability transitions. In that sense, it was a genuine achievement, and what we hope is a stepping stone towards a more epistemologically plural transitions field.

Yet the picture is incomplete. Participation from Global North scholars was limited, and that is worth sitting with. Bridging this divide requires movement in both directions. As a community, we need to reckon with why Global North researchers are not showing up in greater numbers when the conversation moves south. Is it structural? Institutional? Or simply, the convenience of abundant opportunities closer to home? We don't have a clean answer, and perhaps that is the point. We, as the transitions community, have not yet had this conversation. Not really. But NEST's decision to go south this year is perhaps the nudge that starts it.

-Abhilasha, Sukanya, Sree Harica



GeoST Webinar Series IV

The 'Global' Dimension of Sustainability Transitions brought together scholars working on Global Production Networks (GPNs) and Global Value Chains (GVCs) with sustainability transitions researchers to explore cross-field dialogue.

The four sessions covered: (1) an introductory panel on conceptual bridges between GPN/GVC and transitions research; (2) incumbents, power, and governance in value chains, examining firm heterogeneity and the role of non-firm actors; (3) developmental outcomes and just transitions, with case studies on wind energy in Colombia and green industrial catch-up in the Global South; and (4) geopolitical disruptions, exploring how friendshoring, energy security concerns, and shifting value capture dynamics in lithium and EV battery GPNs affect sustainability transitions.

Recordings are available [HERE](#).

4th Workshop on Multi-System Dynamics

From April 21-22, the University of Tartu, Estonia, hosted the 4th International Workshop on Multi-System Dynamics in Sustainability Transitions. Hosted and organized by Laur Kanger, Sophie-Marie Ertelt, and Phil Johnstone, in cooperation with the [Thematic Group on Multi-System Dynamics](#), the workshop continues a series of annual events previously held in Winterthur (2025), Gothenburg (2024), and Oslo (2023).

The workshop brought together 15 participants in person, including several early-career researchers. It offered a lively and focused forum for discussing ongoing work on topics such as the geography of multi-system interactions, intervention points, system entanglers, multi-system blocks, missions, and resources.

Presentations spanned a wide range of systems, from energy, housing, and construction to carbon management and finance.

Beyond the research discussions and networking, the workshop also served as an opportunity to reflect on and plan upcoming activities within the thematic group on MSD, including a dedicated track at IST 2026 in Zurich, an upcoming book launch, and the special issue in EIST on multi-system dynamics.

The organizers are grateful for the co-funding they received from STRN.



Interested in STRN Thematic Group Activities

Not yet part of one or more of our thematic groups (TGs)?

Explore the different TGs on our website [here](#) and sign up for their mailing lists to receive updates, calls for collaboration, and invitations to upcoming events.



NEST WhatsApp Community

Building on the community's momentum and in response to many requests for a successor to our inactive Discord server, we are piloting a NEST WhatsApp community. You can find it and join it [HERE](#).

During the pilot, we will operate under the following community guidelines:

- The space is by and for the PhD and Postdoc community in Sustainability Transitions, as articulated by the STRN definition
- Anything shared should serve the network's aims, i.e., either (1) build community among early career researchers in transitions or (2) promote discussion and high-quality research output.
- We will add new subgroups as needed, based on input from you all.

The space will be moderated by the NEST reps and other volunteers.

We hope you'll help us make it a digital home for the community as we move from a regional to a truly global network.

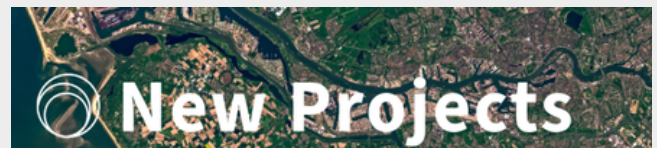


New EIST Special Issue Guidelines

EIST has published updated guidelines for Special Issue proposals. The new process introduces quarterly submission deadlines (1 March, 1 June, 1 September, and 1 December) and provides greater clarity on proposal requirements, guest editor responsibilities, review procedures, and timelines. Key changes include a maximum of four guest editors per proposal, the requirement to submit 5–10 indicative abstracts demonstrating topic viability, and a two-stage submission process involving extended abstracts followed by invited full papers. All Special Issues must be based on open calls and undergo the journal's standard double-blind peer-review process

Researchers considering a Special Issue proposal are encouraged to consult the full guidelines before preparing a submission.

Read the full guidelines [HERE](#).



Sociotechnologies of Lithium: Sustainability Transitions Research from Latin America

Sociotechnologies of Lithium is an interdisciplinary research project funded by ANID Chile lead by Iván Ojeda-Pereira that examines sociotechnical transitions within the lithium industry, with a focus on emerging lithium extraction technologies. The project is situated in the context of the global energy transition, where lithium plays a key role in energy storage systems, while its extraction generates significant local environmental and social challenges. The project brings together engineering, social sciences, and management to develop a framework for evaluating both conventional and emerging extraction technologies.

It focuses on the construction of socio-environmental and technological performance indicators through participatory processes involving local communities and relevant stakeholders. The project understands technologies as embedded in specific territorial, ecological, and institutional contexts. Its outcomes aim to support more informed, inclusive, and sustainable decision-making in the lithium sector, contributing to broader debates on socio-ecological and just transitions.

For more information, visit:

<https://libros.ucn.cl/index.php/librosucn/catalog/book/10>

The Cultural Evolution of Sustainability Transitions: Exploring Narratives and Worldviews among Change Agents (CULEST)

CULEST is a research project led by Michael P. Schlaile at the University of Hohenheim, which is funded by the German Research Foundation (DFG) until the end of 2027. CULEST conceptually and empirically investigates the connections between worldviews, narratives, and cultural evolution in the context of sustainability transitions. The empirical part of the research focuses on various change agents and/or transformative social innovation initiatives from civil society, religion, politics, and business. Through a novel combination of worldview research and the collection and analysis of micro-narratives, the CULEST researchers aim at reconstructing the patterns of interpretation that may promote or limit social and sustainability-related change processes, or even lead to new, potentially conflictual dynamics.

For more details, see <https://culest.uni-hohenheim.de/en/> - if you want to keep informed about updates, please subscribe to the email newsletter, and/or follow CULEST on LinkedIn: <https://www.linkedin.com/company/culest/>



New postgraduate specialization in Socio-Technical Sustainability Transitions

The University of Vale do Itajaí (Univali, Brazil) is launching a Postgraduate Lato Sensu Specialization in Socio-Technical Sustainability Transitions, running from August 2026 to July 2027. Delivered online through weekly synchronous sessions (Fridays 2:00–6:00 p.m. and Saturdays 8:30 a.m.–2:30 p.m., Brasília time) plus asynchronous assignments, it totals 360 hours across 12 courses in three modules: (I) Transitions Frameworks and Foundations, (II) Socio-Technical Transitions in Practice, and (III) Current Topics in Sustainability Transitions. A separate Certificate of Proficiency is awarded per module.

Coordinated by Dr. Katharina Schiller (CIMMYT; STRN Board) and Dr. Diego Florez Ayala (Univali), the program brings together internationally recognized researchers working at the forefront of sustainability transitions. It targets professionals in sustainability, governance, management, public policy, urban planning, and innovation who aim to lead systemic change in organizations and territories, combining core transitions theory with applied case studies, with strong emphasis on Global South perspectives and the regional context of Santa Catarina.

More info and applications:

<https://portal.univali.br/pos/especializacao/sociotecnical-sustainability-transitions-enec-itajai>

EIST research on games and sustainability transitions wins its authors a Frontiers Planet Prize National Championship

The Frontiers Planet Prize announced Postdoctoral Research Fellow Daniel Fernández Galeote from Tampere University as Finland's National Champion for 2026, one of 25 scientists whose research advances our understanding of our Earth system, while offering practical, scalable solutions to help keep humanity safely within the planetary boundaries.

The research article that secured Fernández Galeote the National Champion award is "Play, games, and gamification to support sustainability transitions: a scoping review and research agenda", published in *Environmental Innovation and Societal Transitions*. "Our work shows that play and games can be successfully embedded in real settings, support deep forms of learning, and facilitate real-world impact. We are contributing to a constructive cultural change in how societies confront the planetary issues we face," says Fernández Galeote. The Champions now move forward to the final stage of the competition, where three of them will be selected as International Champions later this year and awarded 1 million USD each to scale up their research globally.

Read more here

<https://www.frontiersplanetprize.org/news/4thediti onchampionannouncement>



PhD Theses

Bastås, L. (2026). Civil servants as intermediaries contextualizing policy for sustainable energy transitions. PhD thesis. Chalmers University of Technology.

<https://doi.org/10.63959/chalmers.dt/5833>.

This thesis investigates how civil servants support citizens in sustainable energy transitions when contextualizing policy missions. Focusing on Sweden's public energy advising program, it examines how advisors translate national goals into local action and contribute to broader ecologies of intermediation. Drawing on document analysis, interviews, and surveys, the thesis shows that civil servants make sustainable energy transitions tangible for citizens through locally adapted activities, balancing top-down governance with bottom-up needs to build trust and relevance. By conceptualizing civil servants as agency-driven intermediaries, the thesis offers a micro-level perspective on how public actors shape socio-technical change. It argues that broader mandates integrating sufficiency and demand reduction are needed to strengthen the inclusiveness and impact

of energy transitions. The thesis investigates sustainability transitions in workplaces, focusing on workers as key actors. Motivated by the need for more sustainable production systems, the doctoral dissertation explores how workers can participate in sustainability transitions within them, viewing them as regime actors who maintain current systems but are crucial for their change. The study produces new knowledge through a representative survey targeting Finnish wage earners to highlight workplace changes and worker participation in sustainability efforts. Findings show that although workers influence organizational sustainability in many ways, practical change efforts are lacking in many workplaces and support from external stakeholders is needed for systemic change.

Altunay, M. (2026). Effects and evolution of institutions in sociotechnical change: Perspectives on market and state in the development of solar PV in Sweden. PhD thesis. Gothenburg: Chalmers University of Technology.

<https://doi.org/10.63959/chalmers.dt/5889>

The diffusion of renewable energy technologies depends not only on technological availability but also on actors and institutional structures. This thesis examines how regulatory, cultural-cognitive, and normative institutions shape actor activities, and how actors, in turn, influence institutionalization in sociotechnical systems. Using a longitudinal case study of solar PV development in Sweden (1996–2025), the thesis analyses how institutional change unfolds across market and state sectors and how the two sectors co evolve. The findings demonstrate how heterogeneous actors respond differently to institutional conditions and contribute to both change and stability through institutional work.

Fischer, L. (2026). How to build (in) a sustainable future? A multi-scalar perspective on the socio-technical transition toward a bio-based construction sector. Justus-Liebig University Giessen, Germany. PhD Thesis.

<https://doi.org/10.22029/jlupub-20874>

As a major contributor to the climate crisis, the construction sector offers substantial mitigation potential.

Bio-based materials, such as cross-laminated timber and engineered bamboo, have the potential to transform buildings into carbon sinks. However, the socio-technical transition towards their widespread use is still in its early stages. This dissertation examines this transition from a multi-scalar perspective by analysing sustainability transitions in China, India, Germany and Italy, with a particular focus on India and the greater Chennai area. Taking an geography of sustainability transitions perspective, I conceptualise the collectivisation of visions, processes of (de-)legitimation and interactions between emerging socio-technical configurations as key dynamics shaping the directionality of socio-technical transitions. The dissertation reveals how established configurations constrain the potential for transformative change across countries by resisting changes to the established rules of the game.

Publications

We are happy to introduce the most recent issue of EIST! The full list of papers is featured below.

Teis Hanson, Editor-in-Chief

EIST Volume 60

Bach, H. (2026). Full steam astern? Sustainable retro-innovation in the maritime shipping sector. *Environmental Innovation and Societal Transitions*, 60, 101139. <https://doi.org/10.1016/j.eist.2026.101139>

Bergsma, J., Wiarda, M., Pruyn, J., & van de Kaa, G. (2026). Anticipatory governance of a maritime mission using a real-time mission-oriented transition assessment. *Environmental Innovation and Societal Transitions*, 60, 101128. <https://doi.org/10.1016/j.eist.2026.101128>

De Pablos Sanz, P., Rozborski, F., & Kriechbaum, M. (2026). More of the same? The structural dimension of incumbency in the formation of hydrogen expectations in Chile and the UK. *Environmental Innovation and Societal Transitions*, 60, 101130. <https://doi.org/10.1016/j.eist.2026.101130>

de Kleyn, L., Moore, T., Simko, T., & Horne, R. (2026). Accelerating sustainable housing transitions: A case study of the window industry in Australia. *Environmental Innovation and Societal Transitions*, 60, 101143. <https://doi.org/10.1016/j.eist.2026.101143>

Entsaló, H. (2026). Shifting the scales of sustainability transitions: Scalar strategies in national circular economy policies in Finland, France and the Netherlands. *Environmental Innovation and Societal Transitions*, 60, 101142. <https://doi.org/10.1016/j.eist.2026.101142>

Fieber, R., Kaipainen, J., Markard, J., & Bening, C. (2026). Counter-intermediation strategies in transition policy-making: Exploration of the global plastics treaty negotiations. *Environmental Innovation and Societal Transitions*, 60, 101132. <https://doi.org/10.1016/j.eist.2026.101132>

Finstad, J., & Andersen, A. D. (2026). How do multi-purpose technological innovation systems expand? Insights from carbon capture technology. *Environmental Innovation and Societal Transitions*, 60, 101120. <https://doi.org/10.1016/j.eist.2026.101120>

Friedrich, J., van Oers, L., Miorner, J., & Fuenfschilling, L. (2026). The geo-economization of sustainability transitions: Spatial dynamics and trade-offs between sovereignty and sustainability. *Environmental Innovation and Societal Transitions*, 60, 101118. <https://doi.org/10.1016/j.eist.2026.101118>

Gaitán-Cremaschi, D., & Klerkx, L. (2026). The roles of agri-food tech start-up ecosystems in strategic niche management for food system transitions. *Environmental Innovation and Societal Transitions*, 60, 101140. <https://doi.org/10.1016/j.eist.2026.101140>

Gumber, A., Egli, F., & Steffen, B. (2026). Technology innovation and financial development: Measuring the financial maturity of renewable energy technologies. *Environmental Innovation and Societal Transitions*, 60, 101123. <https://doi.org/10.1016/j.eist.2026.101123>

Hylmö, A., Perez Vico, E., & Magnusson, T. (2026). Entangling abilities and supporting environments: A contingency analysis of enabling conditions for multi-system interaction. *Environmental Innovation and Societal Transitions*, 60, 101137. <https://doi.org/10.1016/j.eist.2026.101137>

Ingeborgrud, L., Lukkarinen, J., & Toivanen, R. (2026). Private intermediaries in multi-system coupling: Wood construction in Norway and Finland. *Environmental Innovation and Societal Transitions*, 60, 101126. <https://doi.org/10.1016/j.eist.2026.101126>

Kump, B., Carminati, L., & Breedveld, S. (2026). Responses to occupational identity threats in sustainability transitions: A qualitative study of Dutch farmers. *Environmental Innovation and Societal Transitions*, 60, 101122. <https://doi.org/10.1016/j.eist.2026.101122>

Lember, V., Vihma, P., Karo, E., Kristerson, M., Kattel, R., Kurth, A., Bylicki, V., Cromptvoets, J., Dedovic, S., Meijer, A., Pullen, E., & Ruijter, E. (2026). The twin transition puzzle: Can city governments align digital and sustainability paradigms? *Environmental Innovation and Societal Transitions*, 60, 101144. <https://doi.org/10.1016/j.eist.2026.101144>

Lonkila, A., & Huttunen, S. (2026). Making sense of vulnerability and structural injustices in just food system transitions. *Environmental Innovation and Societal Transitions*, 60, 101133. <https://doi.org/10.1016/j.eist.2026.101133>

Magnusson, T., Kanda, W., Andersson, H., & Dahlgren, S. (2026). Cumulative processes in multi-system transitions: Expanding value chains and limits to growth for sustainable alternatives. *Environmental Innovation and Societal Transitions*, 60, 101124. <https://doi.org/10.1016/j.eist.2026.101124>

Morgunova, M., & Linné, Å. (2026). A technological innovation system in revival: Nuclear energy in Sweden. *Environmental Innovation and Societal Transitions*, 60, 101121. <https://doi.org/10.1016/j.eist.2026.101121>

Naus, J., Grin, J., & Hordijk, M. (2026). Cross-sectoral transition work at the heart of the regime: Transforming incumbent systems in utility infrastructure planning in Amsterdam. *Environmental Innovation and Societal Transitions*, 60, 101125. <https://doi.org/10.1016/j.eist.2026.101125>

Narayana Reddy, P., Goyal, N., & Veeneman, W. (2026). Who shapes policy mixes in sustainability transitions? Types of policy entrepreneurship and mechanisms of institutional change. *Environmental Innovation and Societal Transitions*, 60, 101134. <https://doi.org/10.1016/j.eist.2026.101134>

Ounanian, K., Spiering, S., Jacobsen, R. B., Sørensen, J., Ekstedt, J., Gustavsson, M., Bjørkan, M., Flannery, W., & Miller, A. (2026). Rise of the rhizome: Conceptualizing how coastal communities enact change via transition mechanisms. *Environmental Innovation and Societal Transitions*, 60, 101138. <https://doi.org/10.1016/j.eist.2026.101138>

Pandit, S. (2026). Gatekeepers or enablers? Unpacking the role of intermediaries in climate adaptation policy diffusion. *Environmental Innovation and Societal Transitions*, 60, 101127. <https://doi.org/10.1016/j.eist.2026.101127>

Pettersson, N., & Ollus, N. (2026). Reaching the wild berry industry: A spatially relational account of the state and incumbents during transition processes. *Environmental Innovation and Societal Transitions*, 60, 101131. <https://doi.org/10.1016/j.eist.2026.101131>

Plummer, P., Andersson, J., & Lennerfors, T. T. (2026). From lab to fork: Directionality in the European innovation system for precision fermentation-derived food ingredients. *Environmental Innovation and Societal Transitions*, 60, 101108. <https://doi.org/10.1016/j.eist.2026.101108>

Rios, C., Silva, C., & Carvalho, L. (2026). Evidence, alliances and technical co-production: Shaping early niche-regime interactions through grassroots cycling associations in Brazil. *Environmental Innovation and Societal Transitions*, 60, 101129. <https://doi.org/10.1016/j.eist.2026.101129>

Roberts, C., Rosenbloom, D., & Meadowcroft, J. (2026). The anatomy of failed historical transitions: An approach to expand the study of socio-technical change. *Environmental Innovation and Societal Transitions*, 60, 101141. <https://doi.org/10.1016/j.eist.2026.101141>

Sefa-Nyarko, C. (2026). Time on hold: Justice, governance, and the politics of transitions in critical mineral frontiers. *Environmental Innovation and Societal Transitions*, 60, 101119. <https://doi.org/10.1016/j.eist.2026.101119>

Sharp, D. & Ertelt, S.-M. (2026). Navigating the emotional landscape of urban futures: Exploring the role of feelings in participatory backcasting for net zero transitions. *Environmental Innovation and Societal Transitions*, 60, 101146. <https://doi.org/10.1016/j.eist.2026.101146>

Spruit, R. M., Urias, E., Kunseler, E., Loeber, A. M. C., & Kok, K. P. W. (2026). Orchestrating ecologies of transition intermediation: Insights from a Dutch governmental policy program for urban transformation. *Environmental Innovation and Societal Transitions*, 60, 101145. <https://doi.org/10.1016/j.eist.2026.101145>

Srikanth, P. K. (2026). Engineering optimism: Affective dynamics and field emergence in the UK's driverless vehicle transition. *Environmental Innovation and Societal Transitions*, 60, 101135. <https://doi.org/10.1016/j.eist.2026.101135>

Wang, S., Truffer, B., & Bai, X. (2026). Sustainability experiment led by city government: Lessons from Shenzhen's waste management. *Environmental Innovation and Societal Transitions*, 60, 101136. <https://doi.org/10.1016/j.eist.2026.101136>

Additional publications

Bachmann, R., Janser, M., Lehmer, F., & Vonnahme, C. (2026). Disentangling the greening of the labor market: The role of changing occupations and worker flows. *Journal of Environmental Economics and Management*, 103329. <https://doi.org/10.1016/j.jeem.2026.103329>

Bauknecht, D., Bolwig, S., Kubeczko, K., Olbrich, S., Rohrer, H., & Wieczorek, A. (2026). Emergent lock-ins in sustainability transitions: The example of energy system decentralisation. *Energy, Sustainability and Society*, 16(22), 1–14. <https://doi.org/10.1186/s13705-026-00574-y>

Boschma, R., & Frenken, K. (2026). Advancing institutional theorizing in evolutionary economics. *Journal of Industrial and Business Economics*, 53(1), 83–94. <https://doi.org/10.1007/s40812-025-00378-9>

Castellacci, F., Evenhuis, E., & Frenken, K. (2025). Geographies of innovation and well-being. *Review of Regional Research*, 45, 377–394. <https://doi.org/10.1007/s10037-025-00257-9>

El Gohary, F., Hampl, N., & Bartusch, C. (2026). Reluctant to respond: Public attitudes towards dynamic pricing in Austria. *Energy Policy*. <https://doi.org/10.1016/j.enpol.2026.115328>

French, M., Malekpour, S., Brown, R., & Raven, R. P. J. M. (2025). Science with purpose: Advancing mission-oriented research in academia. *Cell Reports Sustainability*, 2(10), 1–5. <https://doi.org/10.1016/j.crsus.2025.100495>

Gallaher, A., Koch, T., Kalies, E. L., Woodbury, P. B., & Grodsky, S. M. (2026). Sustainability trade-offs at the nexus of solar energy, agriculture, and biodiversity. *Geography and Sustainability*, 100483. <https://doi.org/10.1016/j.geosus.2026.100483>

Geels, F. W. (2026). Why sustainability transitions are starting to accelerate via technical innovations but not through social innovations: Five reasons and some critiques of transformations research. *Global Sustainability*, 9, e13. <https://doi.org/10.1017/sus.2026.10054>

Haukkala, T. (2026). Applying analytic eclecticism to wicked problems and sustainability transitions: A step-by-step guide to building middle-range conceptual frameworks (LIEPP Working Paper No. 186). *Sciences Po*. <https://sciencespo.hal.science/hal-05532649v1>

Hess, D. J. (2026). Local opposition to renewable energy: Integrating misinformation and controversy perspectives. *Society & Natural Resources*. <https://doi.org/10.1080/08941920.2025.2612095>

Jewell, J., Cherp, A., Geels, F. W., Suzuki, M., Nacke, L., Tosun, J., Bhowmik, S., Kazlou, T., Jakhmola, A., & Vinichenko, V. (2026). Policy-driven growth of technologies to accelerate climate action. *Nature Reviews Earth & Environment* (in press). <https://doi.org/10.1038/s43017-026-00765-3>

Joshi, N., & Fiederling, J. M. (2026). Climate, nature or people? A critical discourse analysis of a contentious solar energy project in Leipzig, Germany. *Local Environment*, 1–22. <https://doi.org/10.1080/13549839.2026.2643218>

Kneebone, J., McWilliams, B., Moor, O., & Nuñez-Jimenez, A. (2026). A new European energy policy paradigm revealed by changes in hydrogen strategies. *Energy Policy*, 212, 115159. <https://doi.org/10.1016/j.enpol.2026.115159>

Koppa, E., Musonda, I., & Zulu, S. (2026). An inductive content analysis of the role of governance as a sustainability dimension in South Africa's energy transition. *International Journal of Development and Sustainability*, 15, 33–67. <https://doi.org/10.63212/IJDS25071701>

Logg-Scarvell, J., & Patterson, J. (2026). Tenuous (in)stability? Mixed policy feedback and its effects on climate policy in Australia and Canada. *Policy Sciences*. <https://doi.org/10.1007/s11077-026-09609-9>

Luetkehaus, H., & Hoppmann, J. (2026). Dead end ahead? How phase-out policies affect incumbent adaptation to technological change in the automotive industry. *Research Policy*, 55. <https://doi.org/10.1016/j.respol.2026.105490>

Mueller, M., Schlaile, M. P., Lang, S., Janssen, M. J., Wanzenböck, I., Bogner, K., Zscheischler, J., Schramm, M., & Pyka, A. (2026). Making sense of wickedness: Directionality heuristics for challenge-led innovation policy. *Research Policy*, 55(8), 105513. <https://doi.org/10.1016/j.respol.2026.105513>

Nordholm, A., Finstad, J., & Andersen, A. D. (2026). 'Lumpy' technological innovation systems and net-zero transitions: The impact of technology characteristics on the carbon capture innovation system in Norway. *Technological Forecasting and Social Change*, 223, 124436. <https://doi.org/10.1016/j.techfore.2025.124436>

Ojeda-Pereira, I., Herrera-León, S., Campos-Medina, F., et al. (2026). From fragmented to integrated sustainability in lithium extraction? Political measurements and critical minerals in times of sociotechnical transition in Chile. *Sustainability Science*. <https://doi.org/10.1007/s11625-026-01835-7>

Ojeda-Pereira, I., & Tironi, M. (2026). From the global just transition to a just socioecological transition in Chile? Trajectories and technopolitics of justice. In E. Costa Cordella (Ed.), *The ecological transition as a challenge to law* (pp. 17–39). Springer Nature Switzerland. https://doi.org/10.1007/978-3-032-22055-4_2

Philipps, S., Mueller, M., Schlaile, M. P., Benner, M., Elzinga, R., Korzhenevych, A., Negro, S. O., Pyka, A., Stöber, L. F., Trippl, M., & Wesseling, J. H. (2026). Transforming innovation systems: On missions, challenges, and dedication. *Canadian Journal of Administrative Sciences*, 43(2), e70063. <https://doi.org/10.1002/cjas.70063>

Raven, R. P. J. M., von Wirth, T., Bai, X., Bulkeley, H., Farrelly, M., McCormick, K., Novalia, W., Voytenko Palgan, Y., & Wieczorek, A. (2026). The future of urban experimentation through ten critical lessons from decades of practice. *Nature Cities*, 3, 210–217. <https://doi.org/10.1038/s44284-026-00398-z>

Rock, K., Schlaile, M. P., Busse, M., & Zscheischler, J. (2026). Agri-startups and their regional embeddedness: A qualitative network analysis on the German “Silicon Valley of Agriculture”. *Progress in Economic Geography*, 4, 100067. <https://doi.org/10.1016/j.peg.2026.100067>

Roysen, R., Pereira Prado, M. M., Bruehwiler, N., Kos, L., & Koehrsen, J. (2026). Transitions towards the pluriverse: Place, difference, alliances and autonomy in two Latin American ecovillages. *Sustainability Science*. <https://doi.org/10.1007/s11625-026-01831-x>

Sareen, S., Inderberg, T. H. J., Lindahl, J., Haukkala, T., Nielsen, H. Ø., Rinkinen, J., & Taxt, H. (2026). Solar photovoltaics expansion in the Nordics: A wealthy latecomer perspective. *Energy Sources, Part B: Economics, Planning, and Policy*, 21(1). <https://doi.org/10.1080/15567249.2026.2654611>

Stangl, J., Borsos, A., & Thurner, S. (2026). Using firm-level supply chain networks to measure the speed of the energy transition. *Nature Communications*, 17, 2529. <https://doi.org/10.1038/s41467-026-69358-4>

Struben, J. (2026). Tipping dynamics of consumer lifestyle change: An integrative analysis considering the role of intergenerational inequality. *Sustainability Science*, 1–26. <https://doi.org/10.1007/s11625-026-01829-5>

TRACTION Collective, Joshi, N., Snel, K. A. W., Alba, R., Ampe, K., Branny, A., Frick-Trzebitzky, F., Grandón, T. G., Gussmann, G., & Holmén, J. (2026). Advancing transformational leadership for climate action. *npj Climate Action*, 5(1), 9. <https://doi.org/10.1038/s44168-025-00329-z>

Walters, R., Farrelly, M., Novalia, W., & Raven, R. P. J. M. (2025). Just places: How community energy initiatives foster energy justice through place attachment. *Environmental Research Letters: Energy*, 2, 045002. <https://doi.org/10.1088/2753-3751/ae0e77>

Books and book chapters

Kump, B., & Brinkmann, B. J. (2026). *The green handprint at work: How to be an employee activist for sustainability*. Bristol University Press. ISBN978-1529244205

Ojong, N. (2026). *Solar power capitalism: How green energy drains bodies, ecologies, and futures*. Palgrave Macmillan. <https://doi.org/10.1007/978-3-032-13707-4>

Steen, M., Thune, T., Hansen, T., Mäkitie, T., & Frenken, K. (2026). *Sustainability transitions and industrial transformation: Multi-sector dynamics and policy perspectives*. Palgrave Macmillan. <https://doi.org/10.1007/978-981-95-4893-4>