

# Conference Program

Wednesday August 30 <sup>th</sup>		Thursday August 31 <sup>st</sup>		Friday September 1 <sup>st</sup>	
8:00 9:00	Registration	8:00 9:00	Walk in	8:00 9:00	Walk in
9:00 10:15	Opening Ceremony	9:00 10:30	Parallel session 5	9:00 10:30	Parallel session 8
<b>Break</b>		<b>Break</b>		<b>Break</b>	
10:45 12:15	Parallel session 1	11:00 12:30	Parallel session 6	11:00 12:30	Parallel session 9
<b>Lunch</b>		<b>Lunch + Meet the editors</b>		<b>Lunch + Agrifood meeting</b>	
13:15 14:45	Parallel session 2	13:30 14:45	Prof. Mark Swilling	13:30 15:00	Roles, responsibilities, and radicalities
<b>Break</b>		<b>Break + Poster presentations</b>		<b>Break</b>	
15:15 16:45	Parallel session 3	15:15 16:45	Parallel session 7	15:15 16:15	Parallel session 10
<b>Break</b>		<b>Break</b>		<b>Break</b>	
17:00 18:00	Parallel session 4	<b>Break</b>		16:30 17:00	Closing Ceremony
18:00 19:30	Drinks	19:00	Dinner @LE:EN		
		23:30	The IST afterparty @De Helling		

Registration

Climate confessions

Climate confessions

Time troublemakers

Posters

Climate confessions

Time troublemakers

# Legend

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All of the sessions are color coded by conference track.

1) Conference track	7) Movements, culture and civil society
2) Understanding transitions	8) Transitions in practice and everyday life
3) Methodologies for transition research	9) Geography of transitions
4) Governing transitions	10) Ethical aspects of transitions
5) Organizations and industries in transitions	11) Open track
6) Politics, power and policy in transition	

# Wednesday August 30<sup>th</sup>

## Parallel session 1 10:45 - 12:15

**Dialogue 1:** Just Sustainability Transitions

**Session 1.1:** Visions

**Session 1.2:** Speedtalks

**Session 2.1:** Tipping points

**Session 2.2:** Speedtalks

**Session 3.1:** Transitions in the making (I)

**Session 4.1:** Transition initiatives

**Session 5.1:** Destabilization and decline (I)

**Session 10.1:** Energy Justice

**Session 11.1:** Musical transformations: Collective music making to transform our imagination

## Parallel session 2 13:15 - 14:45

**Dialogue 2:** Enabling just transition? A call for reflexive dialogue on just transition research

**Session 1.3:** Reflexivity & Transitions

**Session 1.4:** Visions

**Session 2.3:** Speed and direction

**Session 4.2:** Phase out

**Session 6.1:** Policy Mixes (I)

**Session 8.1:** Transition in the making (II)

**Session 9.1:** Place-making from a transition perspective

**Session 10.2:** Reconfiguring energy transitions to achieve justice

## Parallel session 3 15:15 - 16:45

**Dialogue 3:** Regional transitions in the Utrecht region (policy debate)

**Session 1.5:** Futures and Scenarios

**Session 1.6:** Monitoring and measuring

**Session 2.4:** Governing missions

**Session 5.2:** Firm reorientation

**Session 6.2:** Directionality

**Session 6.3:** Futures

**Session 7.1:** Fragmentation and transboundary transitions

**Session 9.2:** Innovation processes

**Session 10.3:** Equity

## Parallel session 4 17:00 - 18:00

**Session 1.7:** Speedtalks

**Session 2.5:** Speedtalks

**Session 4.3:** Speedtalks

**Session 5.3:** Niches and social innovation

**Session 6.4:** Speedtalks

**Session 8.2:** Roles and habits

**Session 8.3:** Speedtalks

**Session 9.3:** Speedtalks

**Session 9.4:** Transnational geographies

# Thursday August 31<sup>st</sup>

## Parallel session 5 9:00 - 10:30

**Dialogue 4:** Combining Reflexivity and Action - Lessons from Transformative Research and Practice

**Dialogue 5:** Neglected Qualitative Research Designs in Transition Research

**Session 1.8:** Understanding security and geopolitics in context of sustainability transitions

**Session 2.6:** Speedtalks

**Session 4.4:** Local government

**Session 5.4:** Agrifood transitions (I)

**Session 5.5:** Circular transitions

**Session 6.5:** Governments

**Session 7.2:** Social movements

**Session 10.4:** Speedtalks

## Parallel session 6 11:00 - 12:30

**Dialogue 6:** Critical reflections on innovations in transition studies

**Dialogue 7:** Dramaturgies of change: the conference installations and the theory of change they represent

**Session 1.9:** Impact

**Session 2.7:** Digitalisation

**Session 3.2:** Speedtalks

**Session 4.5:** Speedtalks

**Session 5.6:** Speedtalks

**Session 8.4:** Citizen and consumers

**Session 10.5:** Narratives

**Session 11.2:** Behaviour in transitions: From perception to action

## Parallel session 7 15:15 - 16:45

**Dialogue 8:** Changing practices and social learning in multi-actor transition processes towards integrative practice

**Dialogue 9:** Varieties of economies in cities: moving beyond growth-oriented economic paradigms

**Session 1.10:** Nature in transitions

**Session 2.8:** Transformative, radical and disruptive innovation

**Session 2.9:** Incumbents

**Session 3.3:** Energy scenarios

**Session 6.6:** Policy mixes (II)

**Session 7.3:** Speedtalks

**Session 9.5:** Context and space

**Session 10.6:** Just transitions (I)

# Friday September 1<sup>st</sup>

## Parallel session 8 9:00 - 10:30

**Dialogue 10:** Transitions of the agrifood system: fostering system innovation and destabilize the existing regime

**Dialogue 11:** Stimulating reflexivity at the boundaries of change initiative and context

**Session 1.11:** Speedtalks

**Session 1.12:** Multi-sector interactions

**Session 4.6:** Expectations and governance

**Session 4.7:** Speedtalks

**Session 4.8:** Speedtalks

**Session 5.7:** Destabilization and decline (II)

**Session 10.7:** Just transitions (II)

**Session 11.3:** Conceptualizing the role of finance for sustainability transitions

## Parallel session 9 11:00 - 12:30

**Dialogue 12:** Justice consideration in the context of the emergence, diffusion and institutionalization of energy

**Dialogue 13:** Unsustainability: an adjacent research agenda

**Session 1.13:** Mobility and transport

**Session 4.9:** Urban transitions and policy

**Session 4.10:** Learning

**Session 4.11:** Unboxing the concept of intermediaries for steering transformative change

**Session 5.8:** Agrifood transitions (II)

**Session 5.9:** Speedtalks

**Session 9.6:** Regional context (I)

**Session 9.7:** Regional context (II)

## Parallel session 10 15:15 - 16:15

**Session 1.14:** Research organizations

**Session 5.10:** Speedtalks

**Session 6.7:** Speedtalks

**Session 6.8:** Speedtalks

**Session 7.4:** Speedtalks

**Session 8.5:** Speedtalks

**Session 9.8:** Speedtalks

Wednesday August 30th

Parallel session 1 – 10:45 – 12:15

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 1</b>	Just sustainability transitions	Flor Avelino, Kristina Bogner, Karlijn van den Broek, Anna Duden, Julia Wittmayer, Esther Janssen, Bonno Pel, Tessa de Geus, Toon Meelen

### **Session 1.1: Visions**

**Chair: Anna Wieczorek**

<b>1043</b>	Koen Wessels, Jesse Hoffman, Kelly Streekstra and Peter Pelzer	Making the Implicit Explicit: Towards a Utopic Pedagogical Agenda for Learning in Sustainability Transitions
<b>2779</b>	Johannes Halbe and Carolin Janssen	Pluralistic visions to explore pathways towards convergent development between the Global South and Global North
<b>3406</b>	Luc van Summeren, Anna Wieczorek and Jasper Van Dijk	Learning about learning how to sustainably improve Dutch neighbourhoods in a just way
<b>3818</b>	Alejandro Balanzó and Monica Ramos-Mejia	Towards epistemic diversity in sustainability transitions: An exploration of hybrid socio-technical systems

### **Session 1.2 Speed talks**

**Chair: Neelakshi Joshi**

<b>2614</b>	Neelakshi Joshi and Gérard Hutter	Fast and just? A perspective on designing poly-temporal strategies for local energy transitions and climate action
<b>2800</b>	Niko Wojtynia	Crisis? What Crisis? The concept of polycrisis, its relevance for the transitions community, and suggested research directions
<b>3671</b>	Timo Wirth, Lillian Hansen, Susanne Jørgensen and Kristin Ystmark Bjerkan	Ports in transition: multi-sector and translocal transitions of large-scale infrastructures in Norway
<b>3943</b>	Kateryna Pereverza	(Re)framing of challenges in (urban) transition governance
<b>4524</b>	Mar Palmeros Parada, Gonzalo Gamboa, Patricia Palenzuela Ardila, Diego Alarcon and Guillermo Zaragoza	Bringing the circular economy to the water sector? Reflecting over the trade-offs thermal seawater desalination in Almería
<b>6971</b>	Harald Wieser, Karin Bachinger and Jakob Kofler	Framings and blind spots in policy-making for SME decarbonization
<b>8110</b>	Masahiro Suzuki, Jessica Jewell and Aleh Cherp	How are energy transitions under climate policies different? Systematic comparison in the G7 and EU in

		1960-2022 with climate target requirements in the electricity sector
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### Session 2.1: Tipping points

**Chair: Bipashyee Ghosh**

<b>3512</b>	Floor Alkemade	Adding timing to the policy mix: Key indicators for adaptive energy transition policies
<b>5289</b>	Laur Kanger, Bipashyee Ghosh and Caetano Penna	Integrated framework of intervention points and transformative outcomes for steering single- and multi-system transitions
<b>5370</b>	Mark Swilling	Transition Pathways, Tipping Points and Discursive Periods: Framing Energy Transitions in Germany, South Africa, The Netherlands and India
<b>7548</b>	Erica Johnaon and Mark Swilling	Identifying tipping points leading to Eskom's organizational decline 1983- 2022: an application of tipping point theory to the electricity sector regime in South Africa

### Session 2.2 Speed talks

**Chair: Allan Dahl Andersen**

<b>959</b>	Michael Kriechbaum, Paula Pablos De Sanz and Filip Rozborski	A critical review of the Sociology of expectations
<b>2834</b>	Jochen Markard, Christian Binz and Bernhard Truffer	Multi-system transitions: Conceptual reflections and the net-zero energy transition
<b>2986</b>	Amber Nordholm, Jørgen Finstad and Allan Dahl Andersen	Unravelling the sociotechnical dynamics of technology characteristics: Insights from the development and diffusion of carbon capture technology
<b>3948</b>	Amelie Bennich and Mats Engwall	Why materiality matters in transitions – a case of the digital transformation
<b>4528</b>	Nikhil John, Amelie Bennich, Joeri Wesseling and Koen Frenken	Multi-systems interactions in digitalisation: a comparative case study of its impact on the water and processing industries
<b>6966</b>	Karin Geuijen and Johan Schot	Broadening transitions studies: applying the Deep Transitions frameworks to the domain of forced migration
<b>7995</b>	Kejia Yang and Allan Dahl Andersen	Accelerating transitions towards sustainability: a systematic and critical review

### Session 3.1: Transitions in the making I

**Chair: Megan Davies**

<b>2128</b>	Katrien Van Poeck and Frederik De Roeck	Investigating transitions in the making – The challenge of linking empirical observations here and now to long-term and open-ended processes of fundamental societal change.
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<b>2775</b>	Bonno Pel and Andy Stirling	Transforming 'systems': Which? Who? Why? How? Where? Critical Systems Methodology in Transitions Research
<b>4437</b>	Kevin Foster and Megan Davies	Pathways to just energy transitions in local government in South Africa: Are we talking about it?
<b>9261</b>	Philip Bernert, Annika Weiser, Teresa Kampfmann and Daniel Lang	Impact beyond experimenting - Conceptualizing emergent impacts from long-term real-world lab processes

#### **Session 4.1: Transition initiatives**

**Chair: Christina Bidmon**

<b>1374</b>	Elke Antoinet Van der Heijden	Framing the system: seeking power for a discourse under construction in the transition initiative House of Skills
<b>2636</b>	Mayte Beekman, Sanne Akerboom, Christina Bidmon and Flor Avelino	Exploring the potential of transformative spaces in sustainability transitions
<b>4053</b>	Simon Wehden, Jana Jansen and Felix Creutzig	Cooperating Climate Crafts – the role of craft guilds in facilitating the roll-out of heat pumps and rooftop PV in Germany
<b>9622</b>	Laura van Oers, Giuseppe Feola, Hens Runhaar and Ellen Moors	Community-supported agriculture as spaces to unlearn capitalism?

#### **Session 5.1: Destabilization and decline I**

**Chair: Leonard Frank**

<b>1993</b>	Katharina Biely	Transition theories' potential to perpetuate or break with the status quo
<b>3934</b>	Leonard Frank	Policy for regime destabilisation in CAP Strategic Plans
<b>6041</b>	Julian Gregory and Frank Geels	Low-carbon reorientation in a declining industry? A longitudinal analysis of coevolving contexts and company strategies in the UK steel industry (1988-2022)
<b>8547</b>	Thomas Magnusson, Wisdom Kanda, Mikael Ottosson and Sofia Dahlgren	Market-shaping in a destabilized regime: Declining supply as a window of opportunity for renewable substitutes?

#### **Session 10.1: Energy Justice**

**Chair: Jesse Hofman**

<b>571</b>	Stuti Haldar, Jesse Hoffman, Ananya Peddibhotla, Mithlesh Verma and Amir Bazaz	Power, politics and justice in the reconfiguration of energy infrastructure: A process tracing approach to investigate the Pavagada Solar Park in India
<b>1660</b>	Jamie Wong, Jaco Quist and Abidah Setyowati	A combined niche transition and energy justice study of biomass gasification in Indonesia

<b>2120</b>	Przemyslaw Plucinski, Mariusz Baranowski and Antje Klitkou	Many worlds of energy inequalities?
<b>8840</b>	Sander ten Caat, Nynke van Uffelen and Eefje Cuppen	Revealing hidden injustices: filling a gap in empirical studies of energy justice

	<b>Title</b>	<b>Session organizers</b>
<b>Session 11.1</b> ( <i>Special</i> )	Musical transformations: collective music making to transform our imagination	Josie Chambers, Steve Williams, Joost Vervoort, Dan Lockton and Noor Noor

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 2</b>	Enabling just transition? A call for reflexive dialogue on just transition research	Minna Kaljonen, Aniek Hebinck, Anelli Janssen and Teea Kortetmäki

### **Session 1.3: Reflexivity & Transitions**

**Chair: Abe Hendriks**

<b>1061</b>	Kasper Ampe, Abe Hendriks, Thomas Block, Erik Paredis and Gert Goeminne	Reflexivity in transitions: why does it matter and what does it imply?
<b>3193</b>	Adrian Smith, Mariano Fressoli	Subverting the fourth industrial revolution? Analysing social reflexivity in industrious niche spaces for post-automation
<b>7142</b>	Haley Fitzpatrick and Tobias Luthe	A reflexive compass for navigating complex systems: Expanding methods, practices and worldviews
<b>7424</b>	Tessa de Geus, Julia Wittmayer, Flor Avelino and Maria Fraaije	Reflexivity and experimentation in transition practice: addressing energy justice in Antwerp

### **Session 1.4: Visions**

**Chair: Peter Pelzer**

<b>571</b>	Alejandro Balanzó and Monica Ramos-Mejia	Towards epistemic diversity in sustainability transitions: An exploration of hybrid socio-technical systems
<b>1043</b>	Koen Wessels, Jesse Hoffman, Kelly Streekstra and Peter Pelzer	Making the Implicit Explicit: Towards a Utopic Pedagogical Agenda for Learning in Sustainability Transitions
<b>2779</b>	Johannes Halbe and Carolin Janssen	Pluralistic visions to explore pathways towards convergent development between the Global South and Global North
<b>3406</b>	Luc van Summeren, Anna Wieczorek and Jasper Van Dijk	Learning about learning how to sustainably improve Dutch neighbourhoods in a just way

### **Session 2.3: Speed and direction**

**Chair: Simona Negro**

<b>5829</b>	Yekatherina Bobrova, Nick Eyre, Tina Fawcett, Colin Nolden and George Papachristos	Supply/demand energy policy asymmetry in sustainability transitions: a meta-narrative review
<b>6145</b>	Brit Bulah, Barbara van Mierlo, Koen Beumer, Alwin Gerritsen, Simona Negro, Marko Hekkert and Laurens Klerkx	The interplay of diversity and directionality in a mission-oriented innovation system: The case of alternative proteins

<b>8139</b>	Karoline Rogge and Nicholas Goedeking	Challenges in accelerating multi-system sustainability transitions: Cross-country comparison of the electrification of transport in Germany and the USA
<b>8398</b>	Job Zomerplaag and René Kemp	Governing through Green Deals: Conceptualising the Dynamics of Shifting Responsibilities in Sustainability Transitions

#### **Session 4.2: Phase out**

**Chair: Zahar Koretsky**

<b>843</b>	Anelli Janssen, Aniek Hebinck, Neha Mungekar, Tessa de Geus, Gijss Diercks and Julia Wittmayer	Pathways of phase-out - diversifying patterns and governance approaches
<b>1914</b>	Amanda Pasanen and Kaisa Matschoss	From coal dependency to coal phase out in the city of Helsinki
<b>3092</b>	Zahar Koretsky and Bruno Turnheim	Power dynamics in coal phase-out: a case of Romanian Jiu Valley
<b>5163</b>	Thea Jung	The role of the private sector in tackling climate change in energy-intensive basic materials sectors

#### **Session 6.1: Policy mixes**

**Chair: Klaus Kubeczko**

<b>4988</b>	Minna Kaljonen, Ari Paloviita, Suvi Huttunen and Teea Kortetmäki	Policy mixes for just transition: towards integrative framework
<b>6407</b>	Teresa Del Giudice, Gianluca Brunori, Naomi di Santo and Roberta Sisto	A bibliometric analysis on the governance in policy mixes for the sustainable transition: evidence from a rural area in Southern Italy
<b>7054</b>	Klaus Kubeczko	Transformative Readiness of Twin Transitions
<b>7129</b>	Sarah Olbrich and Dierk Bauknecht	Policy Mix for energy sector integration in Germany - Challenges and Strategies

#### **Session 8.1: Transitions in the Making II**

**Chair: Toon Meelen**

<b>1370</b>	Marc Dijk, Julia Backhaus, Tim Schwanen, Frank Boons, Anique Hommels, Toon Meelen, Senja Laakso and Martin Emanuel	Social practices in transition: towards a research agenda
<b>4047</b>	Maral Mahdad and Domenico Dentoni	Addressing Complex Problems through Co-Evolving Systems of Actors and Issues: Roles and Practices of Systemic Intermediation in rural Malawi
<b>4939</b>	Frederik De Roeck and Katrien Van Poeck	Unraveling 'the making of' transitions: explorations of creative action in collective sustainability initiatives

<b>8269</b>	Bettina König, Benjamin Nölting and Hannah Wiemers	Changes of interlocked practices during the COVID-19 pandemic – Insights into transitions in the making from the longitudinal diary study “Logbook of Changes”
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### **Session 9.1: Place-making from a transition perspective**

**Chair: Frans Hermans**

<b>1008</b>	Hilde Brouwers, Anne Loeber, Barbara Regeer and Evelien de Hoop	Place-making in sustainability transitions: conceptualizing place in regional efforts at fostering fundamental change
<b>1933</b>	Alexander Deveux	A transactional approach to place-making in sustainability transitions
<b>8333</b>	Frans Hermans, David Ayrapetyan and Nicolas Befort	Technical Innovation Systems in Space: A bottom-up perspective of innovation system dynamics
<b>9844</b>	Huei-Ling Lai	From Protected Spaces to Hybrid Spaces: Mobilizing A Place-Centered Enabling Approach for Grassroots Innovation Research

	<b>Title</b>	<b>Session organizers</b>
<b>Session 10.2</b> ( <i>Special</i> )	Reconfiguring energy transitions to achieve justice: unpacking institutional work in cases from India, South-Africa, The Netherlands, and Germany	Jesse Hoffman, Maarten Hajer, Iris Mathar, Stuti Haldar, Amir Bazaz, Mithlesh Verma, Ananya Peddibhotla, Bleta Arifi, Philipp Späth, Megan Davies and Mark Swilling

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 3</b>	Regional transitions in the Utrecht region	Harm Heiligenberg

### **Session 1.5: Futures and Scenarios**

**Chair: Jeroen Oomen**

<b>1378</b>	Jair Campfens, Mert Duygan and Claudia Binder	Scenario techniques for socio-technical systems as a reflexive practice: A review of recent efforts and a new conceptual framework
<b>2919</b>	Sophia-Marie Horvath and Georg Gratzner	Arts for future: the potential of arts-based interventions (ABIs) to contribute to learning and knowledge integration in transdisciplinary workshop settings for sustainable development
<b>5652</b>	Stephen Williams, Josephine Chambers and Joost Vervoort	The role of sound and music in reimagining sustainable futures
<b>9692</b>	Merin Raju Jacob	Future Cities of the Global South: An exploration of socio-technical and social-ecological imaginaries in African science fiction

### **Session 1.6: Monitoring and measuring**

**Chair: Salvatore Ruggiero**

<b>847</b>	Fanni Moilanen, Arho Toikka and Fanni Moilanen	Toward measuring sustainability transitions at working life – A novel survey of the wage earner populations' perceptions
<b>1769</b>	Salvatore Ruggiero, Eeva-Lotta Apajalahti, Alicja Dakowska and Hanna-Mari Husu	Social Impact of Energy Communities: How to understand and evaluate it?
<b>5157</b>	Jack Davies, Philip Johnstone, Wendy Schultz, Karin Geuijen, Laur Kanger and Janset Nil Genç	Multiple Shocks and Trends in Prospective Transitions: a New Methodology for Enhancing Scenarios
<b>8989</b>	Cédric Middel, Tjerk Jan Schuitmaker-Warnaar, Joreintje Mackenbach and Jacqueline Broerse	Reflexive Monitoring in Action of a Healthy Food-Store Intervention: Implementation Barriers for the SUPREME NUDGE Trial

### **Session 2.4: Governing missions**

**Chair: Maral Mahdad**

<b>3493</b>	Carsten Schwäbe, Martina Kovač and Fabio Voss	A survey on how mission-oriented innovation policies matter for innovation activities – The case of the German Energy Research Programme
<b>4947</b>	Dieudonnee Cobben, Maral Mahdad, Petra Neessen and Griet Juwet	The role of transition teams in the formation of mission arenas: A case study

<b>6573</b>	Remi Elzinga, Matthijs Janssen, Simona Negro and Marko Hekkert	A change of direction: Mapping and managing problem-solution constellations in mission-oriented innovation policies
<b>9956</b>	Joeri Wesseling	Comparing Mission-Oriented Innovation Systems analyses of sustainable aviation, preventive health, and traffic safety

### **Session 5.2: Firm reorientation**

**Chair: Kersti Kaltrop**

<b>5991</b>	Manon Eikelenboom and Alfons Van Marrewijk	The changing role of demolishers in the transition to circular construction
<b>7327</b>	Katharina Gaertner, Hauke Luetkehaus, Joern Hoppmann and Alejandro Nuñez-Jimenez	Breaking the ICE? – How demand-pull and technology-push policies for emerging technologies shape firm innovation in incumbent ones
<b>7726</b>	Anders Hylmö, Kersti Karltop and Eugenia Perez Vico	How do firm internal and external factors combine to contribute to the propensity of energy incumbents to implement radical innovations?
<b>9250</b>	Taran Thune and Tuukka Mäkitie	Leading the way or leading astray? Sustainability reorientation of firms in complex value chains.

### **Session 6.2: Directionality**

**Chair: Bonno Pel**

<b>274</b>	Anna-Kati Pahker	Industrial Modernity Index: Accounting for directionality
<b>1813</b>	Suyash Jolly	Empowerment strategies and conflicts in sustainable energy transitions: trajectory of onshore wind energy development in Norway
<b>4674</b>	Bonno Pel	Making Practical Sense of Directionality: Purposive and Emergent Transition in 'la transition numérique' (Belgium, 2013-2023)
<b>8783</b>	Sabine de Graaff, Iris Wanzenböck and Koen Frenken	The politics of directionality in transformative innovation policy through the lens of policy process frameworks

### **Session 6.3: Futures**

**Chair: Jonathan Friedrich**

<b>2132</b>	Tom Hawxwell, Abe Hendriks and Philipp Spaeth	Future-making in Sustainability Transitions Research: an incumbent scope reproducing a regime of automobility
<b>3207</b>	Mariette McCampbell, Cees Leeuwis, Wouter Post and Harriette Bos	Innovation packages as a method to strengthening cross-disciplinary collaboration towards a materials transition
<b>4418</b>	Subina Shrestha and Håvard Haarstad	Planning for the future of sustainable urban mobility: An Anticipatory governance approach
<b>7212</b>	Abe Hendriks and Jonathan Friedrich	Opening up the future: towards a reflexive approach of imagined futures in sustainability transitions

## **Session 7.1: Fragmentation and transboundary transitions**

**Chair: Elisabeth Dutschke**

<b>2909</b>	Lasse Kos, Rebeca Roysen, Nadine Bruehwiler, Julius Malin, Jens Koehrsen	Embedding grassroots innovations: a global survey on ecovillages in the Global North and South
<b>4587</b>	Mlondi Ndovela and Mark Swilling	How are macroeconomic implications of the energy transition understood in South Africa? A systematic review
<b>4707</b>	Itay Fischhendler	The green transition in a transboundary conflict setting: towards empirical theory
<b>9340</b>	Anne Kantel, Elisabeth Dutschke, Linda Widdel and Iska Brunzema	Sustainability transition in fragmented societies

## **Session 9.2: Innovation processes**

**Chair: Julia Winslow**

<b>2870</b>	Maria Tomai, Georgios Papachristos and Shyama Ramani	Transition frameworks for application to developing country contexts: Evidence from the Waste-to-Energy transformation in Ghana
<b>4017</b>	Shengnan Wang, Xuemei Bai, Jeroen van der Heijden and Xin Tong	The evolving roles of actors in experiment formation: Evidence from community waste management in China
<b>4828</b>	Godwin Opinde, Christine Majale and Ivan Nygaard	Hibernation of off-grid solar e-waste in Kenya - An unintended response to an emerging waste issue
<b>9286</b>	Julia Winslow and Lars Coenen	Sustainability transitions to circular cities: between urban vitalism and mechanism

**Session 10.3: Equity****Chair: Sreeja Jaiswal**

<b>747</b>	Daniel Gusenbauer, Michael Klingler and Jana Plöchl	Conceptualizations of justice and equity in energy and mobility transition research: A systematic literature review
<b>2944</b>	Thandeka Tshabalala	Connecting energy poverty and energy justice in sustainability transitions: scoping review with reference to South Africa
<b>3841</b>	Paola Velasco-Herrejon and Thomas Bauwens	Are energy transitions reproducing inequalities? Power, social stigmas and distributive (in)justice in Mexico
<b>9793</b>	Sreeja Jaiswal, Aravindhan Nagarajan and Akhil Mythri	Projecting a food insecure world: Equity implications of land-based mitigation in IPCC IAM scenarios

### Session 1.7 Speed talks

Chair: Kristina Bogner

108	Julia Wittmayer, Ying Syuan Huang, Evan Boyle, Kristina Bogner, Timo von Wirth and Katharina Hölscher	Neither Right nor wrong? Collaboration and ethics in research
2084	Thomas M.M. Guibentif	Spare or Transform – Towards a comprehensive account of diverse transition approaches.
2231	Kimberley Vandenhole	Reflexive modernization: eco-shaming practices as reflexive governance?
8938	Laura Brings	Disclosing Each Other Through Reflexive Gaming
9110	Faisal Shahzad and Arslan Ahmad	Sustainability transition by SMEs in a volatile emerging economy: A qualitative exploration

### Session 2.5 Speed talks

Chair: Jasper Sluijs

1071	Satu Lähteenoja, Tatu Marttila, idil Gaziulusoy and Sampsa Hyysalo	What is new in designing for transitions – Transition co-design dynamics in high level policy processes
4488	Verena Radinger-Peer, Sebastian Seebauer, Katharina Gugerell and Magdalena Wachter	'Shared understanding' to kick-off local climate action – a conceptual framework
5669	Suyash Jolly	Promising research directions regarding the conceptualization of multi-level change agency, contestations and cooperation in sustainability transitions
6082	Toon Meelen and Jasper Sluijs	State ownership and sustainability transitions: review and research agenda
7122	Jesper L. Jyderup	Organizational materialities as barriers to partnerships for sustainability

### Session 4.3 Speed talks

Chair: Anelli Janssen

3176	Jelle Silvius, Jeroen Candel, Evelien de Olde and Katrien Termeer	Unlocking food-system lock-ins through reinforcing small wins: a case study of a regional transformation towards circular agriculture
4085	Neha Mungekar and Anelli Janssen	Comparing governance capacities of repair in secondary cities of India – Bhuj and Bhopal
5757	Sanne Bours, Vivian Tunn, Iris Wanzenböck and Marko Hekkert	Systemic barriers in the transition towards circularity in the infrastructure sector
6847	Caterina Pacini, Dierk Bauknecht and Sarah Olbrich	Addressing the challenges of system building: an overview of strategies to deal with new lock-in and path dependencies in the transition process

### Session 5.3: Niches and social innovation

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**Chair: Jorgen Aarhaug**

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<b>6722</b>	Cyriac George and Jørgen Aarhaug	Comparing niche responses to a landscape shock: the case of car sharing in Oslo
<b>8628</b>	Isabeau Coopmans, Lisa Van den Bossche and Fleur Marchand	Implementation of the Systemic Innovation Readiness Level (SIRL) tool, a pro-active and action-oriented approach that can stimulate more systemic solutions
<b>9764</b>	Thomas Hoppe, Michiel Fremouw, Nthabi Mohlakoana and Anatol Itten	Measuring progress, development and scalability in social innovation; the case of energy communities in Europe

**Session 6.4 Speed talks****Chair: Laurence Geri**

<b>238</b>	Laurance Geri	Does Democratic Backsliding Threaten the Sustainability Transition?
<b>7452</b>	Jack Davies	Just Transitions and Emancipatory Violence
<b>9581</b>	Peter Stegmaier	The withering away of sustainable innovations as a discontinuation object
<b>9947</b>	Lauren Peng	Reflecting on Colonial Assumptions in Just Transitions Research and Practice

**Session 8.2: Roles and habits****Chair: Ingrid Mignon**

<b>2859</b>	Katharina Bullinger	Reuse and recycling of building materials: A social innovation's contribution to a circular built environment
<b>4184</b>	Veronique Vasseur, Sara Fehres, Florian Goldschmeding and Julia Backhaus	Old Habits Die Hard? Maintaining sufficiency practices three years after Living Lab participation.
<b>6683</b>	Lisa Winberg and Ingrid Mignon	Similarities and differences between public and private intermediaries supporting the adoption of solar photovoltaics in Sweden

**Session 8.3 Speed talks****Chair: Lia Patricio**

<b>1869</b>	Anton Sentic and Fiona Zimmermann	Conceptualising Living Labs in Sustainable Transitions Research: a review through multiple perspectives
<b>4950</b>	Edith van Ewijk, Kees Stam and Paul Chan	Breaking free from the old and building up the new: A routines perspective on innovative practices in making the transition towards sustainable redevelopment of urban areas
<b>7541</b>	Manuel Aires de Matos, Lia Patricio and Jorge Grenha Teixeira	Engaging Citizens in Sustainable Energy Transitions - A Design Science Research approach
<b>7567</b>	Bianca Bănică, Lia Patrício and Vera Miguéis	Boundary Spanners of Citizen Engagement in Energy Transition

**Session 9.3 Speed talks****Chair: Katharina Schiller**

<b>2802</b>	Darinka Czischke	Just social sustainability transitions in housing: towards an analytical framework
<b>3550</b>	Johannes Suitner and Camilla Chlebna	Conceptualizing learning between regions and between transitions in the transition-development nexus
<b>4356</b>	Katharina Schiller and Tanja Kaufmann	Towards an integrated theory of individuals' transformative capacities in enacting social

		innovations: A conceptual framework and empirical evidence
8491	Wolfgang Haider	Transforming regions – Tracing the “social” in regional socio-technical regime changes in the energy sector

### Session 9.4: Transnational geographies

Chair: Adrian Ely

192	Djamila Lesch, Johan Mörner and Christian Binz	Global Agency in Multi-Scalar Sustainability Transitions
3616	Qi Song, Karoline Rogge and Adrian Ely	Exploring international dynamics in accelerating sustainability transitions? The case of electric vehicles in China and Germany
4265	Mary Tziva and Harm Rienks	Evaluating transformative innovation policies in a multi-level governance world: Is the right level of government doing the right tasks?

Thursday August 31<sup>st</sup>

Parallel session 5 – 9:00 – 10:30

	Title	Session organizers
<b>Dialogue session 4</b>	Combining Reflexivity and Action – Lessons from Transformative Research and Practice	Johannes Halbe, Raissa Ulbrich, Krystin Unverzagt and Ludwig Stegink-Hindriks

	Title	Session organizers
<b>Dialogue session 5</b>	Neglected Qualitative Research Designs in Transition Research	Taneli Vaskelainen, Christina Bidmon, Matthijs Punt and Bernhard Truffer

	Title	Session organizers
<b>Session 1.8 (Special)</b>	Understanding security and geopolitics in the context of sustainability transitions	Paula Kivimaa, Marie Claire Brisbois, Johan Schot, Phil Johnstone, Itay Fischhendler, Inese Zepa and Duncan Depledge

### Session 2.6

#### Speed talks

Chair: Gül Özerol

876	Sarka Hajtmarova and Mireia Pecurul Botines	Use of Relational Values in sustainable transformations of rural areas: opportunities or fairy tale?
2556	Pernille Nielsen and Simon Bolwig	Capturing sustainability pluralities: Towards a diversity-reflexive methodology for food system transitions research

<b>3779</b>	Katharina Schiller and Wendy Godek	Decolonizing sustainability transitions: Learning from Latin American agri-food movements
<b>5113</b>	Jani Lukkarinen, Gül Özerol, Cesar Casiano Flores, Suvi Sojamo, Joanne Vinke de Kruijf, Ann-Katrin Ellermann, Ulf Stein and Antti Belinskij	What is a sustainable and equitable water governance regime? Testing a framework for transitions in the European water governance
<b>5541</b>	Marlene Boivin, Stefan Kaufman and Darren Sharp	People and agri-food transitions: Adopting an integrated approach to unlock insights into a grassroots innovation in the agri-food sector
<b>7629</b>	Alexandra Frangenheim, Marie Louise Schneider, Cornelia Fischer, Verena Radinger-Peer, Susanne Waiblinger, Stefan Hörtenhuber, Regina Binder and Marianne Penker	Drivers of change in a mission-oriented agricultural innovation system: Cattle husbandry and beef/dairy supply in Austria
<b>8828</b>	Frank Sejersen	Temporal conflicts as barriers to transitions in the food system

#### **Session 4.4: Local government**

**Chair: Ksenia Onufrey**

<b>1289</b>	Florian Markscheffel, Marie Graef and Babette Thron	How Do Administrative Sub-Cultures Drive Socio-Ecological Transition? Exploring the Punk Spirit Within Local Governments.
<b>3995</b>	Roelof Vogel and Stefan Kaufman	Waste avoidance behaviour change and the agency of local government
<b>8385</b>	Ksenia Onufrey, Thomas Magnusson and Viktor Werner	Institutional embedding in the making: translating sustainability visions into localized institutional contexts
<b>9996</b>	Julia Winslow and Markus Bugge	Local Capacities and Enablers for Transformative Innovation Policy

### Session 5.4: Agrifood transitions

Chair: Jana Zscheischler

1360	Dagmara Weckowska, Daniel Weiss, Valentin Fiala, Fabian Nemecek, Carsten Dreher and Fabio Voss	Creating legitimacy for cultured meat in Germany: the role of social cohesion
2608	Jonathan Friedrich and Jana Zscheischler	Incumbents' in/ability to drive endogenous sustainability transitions in livestock farming: Lessons from Rotenburg (Germany)
4569	John Andrews, Josephine Mylan and Damian Maye	An alternative protein transition? Four niche innovations and food industry reorientation
8291	Koen Beumer and Anniek Roskam	Regulating for just transitions: the mixed experience with regulating equitable access to plant genetic resources

### Session 5.5: Circular transitions

Chair: Denise Reike

2886	Sophie Führer and Christof Knoeri	Transition to a circular economy in construction: Disappearance and re-emergence of circular strategies
3333	Lis Suarez-Visbal, Jesus Rosales Carreon, Blanca Corona and Ernst Worrell	Co-creating Inclusive Circular Futures; perspectives for policy & businesses recommendations
5124	Markus Steen, Teis Hansen, Henrik Brynthe Lund and Sigrid Damman	Transition pathways towards circular use of plastics: the case of aquaculture plastics in Norway
6192	Sanne Bours, Iris Wanzenböck, Vivian Tunn and Marko Hekkert	How do lock-ins constrain alternative solutions for a Circular Economy? The case of recycling and the transition to a circular plastic packaging sector in the Netherlands

### Session 6.5: Governments

Chair: Laurent Bontoux

662	Luka Gudek, Kristiaan P.W. Kok and Jacqueline E.W. Broerse	Towards New Perspectives of Multi-Actor Engagement in Sustainable Transitions: Bringing the Supranational Level into View
3328	Bianca Cavicchi, Oceane Peiffer-Smadja and Julien Ravet	The European Framework Programme for Research and Innovation: how transformative is it? Analysis of its evolution over 2002-2023
5392	Mapula Tshangela and Mark Swilling	Science-policy-practice interface: A reflexive critical realist autoethnography method for advancing sustainability transitions research in South Africa
8902	Cristian Matti, Laurent Bontoux and Katherine Jensen	Using foresight to develop new actionable knowledge for policymaking on sustainability transitions: operationalising concepts and methods for innovation in policymaking

## Session 7.2: Social movements

Chair: Almut Mohr

<b>684</b>	Adam Xavier Hearn, Ann-Lea Buzzi and Jens Koehrsen	How do religious organisations engage in sustainability transitions and what are the perceived barriers to this?
<b>1916</b>	Almut Mohr	Social movements in South Africa's low-carbon transition
<b>4247</b>	Mario A. Pinzón-Camargo, Alejandro Balanzó and Monica Ramos-Mejia	Sustainability, institutional entrepreneurs and epistemic diversity at crossroads: An analysis of Inclusive Innovation Initiatives with transformative potential in the Global South
<b>4940</b>	Liza Wood	Sustained coexistence between niches and regimes for commons-based innovation

**Session 10.4****Speed talks****Chair: Michael P Schlaile**

<b>1628</b>	Shah Rukh Shakeel, Jouni K. Juntunen, Max Lacey-Barnacle and Adrian Smith	When bits enter just energy transitions: tensions and synergies in data justice and energy justice
<b>3799</b>	Seona Candy, Johannes Klein and Kaisa Schmidt-Thome	Vulnerability in Transition - different conceptualisations, (un)intended consequences and implications for justice.
<b>6433</b>	Annika Lonkila and Suvi Huttunen	Visions for just transition in the food system
<b>7750</b>	Michael P. Schlaile, Veronica Hector, Barbara Kump, Kristina Bogner and Jana Zscheischler	Who defines what is 'just'? Towards a pluralistic perspective on normativity in transformative research
<b>8132</b>	Iska Brunzema	How social is the welfare state - energy poverty in German politics
<b>9821</b>	Alexandre Torné and Evelina Trutnevyte	Banning the use of fossil fuel boilers and private cars in Switzerland: mitigation potential, fairness, and the social structure of the vulnerable

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 6</b>	Critical reflections on innovations in transitions studies	Rick Hölsgens

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 7</b>	Dramaturgies of change: the conference installations and the theory of change they represent	Timothy Stacey, Jeroen Oomen and Koen Wessels

### **Session 1.9: Impact**

**Chair: Sophie-Marie Ertelt,**

<b>299</b>	Renée van Dis, Evelyne Lhoste, Allison Loconto, Mireille Matt, Lasse Bundgaard, Douglas Robinson and Raphael Stephens	What is the potential transformative capacity of co-creation processes in open innovation ?
<b>1060</b>	Maria Lúcia Neves, Gertrudes Aparecida Dandolini and João Artur Souza	SUSTAINABILITY TRANSITIONS AND EMERGING SOCIAL ISSUES IN SCIENTIFIC PUBLICATIONS FUNDED WITH PUBLIC RESOURCES IN BRAZIL
<b>2610</b>	Sophie-Marie Ertelt, Daniel Alejandro de Los Rios Pérez and Natalia Lyly	Looking for impact: a review of the societal impact of sustainability transition research over the last two decades
<b>9310</b>	Petra Wagner and Caroline Lackinger	ADVANCING RESPONSIBLE INNOVATION AND TRANSFORMATION BY CO-CREATING CHANGE IN RESEARCH PERFORMING ORGANIZATIONS

### **Session 2.7: Digitalisation**

**Chair: Laura Piscicelli**

<b>3231</b>	Mingwei Zhang	Multi-sectoral transformation through structural overlap: analysing the digital platformisation of Chinese society (1994-2021) from an overlapping field perspective
<b>5920</b>	Matthijs Mouthaan, Koen Frenken, Laura Piscicelli and Taneli Vaskelainen	The institutionalization of sustainability transition expectations: Digitalization as a panacea in Norwegian aquaculture
<b>8629</b>	Phil Johnstone and Johan Schot	Digitalisation as the mass optimisation of industrial modernity? Exploring sustainable digital directionalities for a second deep transition
<b>9777</b>	Asli Ates, Karoline Rogge and Katherine Lovell	Exploring the role of data policy mixes in the UK's smart and flexible electric-mobility transition

### **Session 3.2**

#### **Speed talks**

**Chair: Machteld Simoens**



	Tuukka Mäkitie, Henrik Brynthe Lund, Mari Wardeberg, Pål Børing and Antje Klitkou	
<b>4360</b>	Frauke Urban, Anissa Nurdiawati, Fumi Harahap and Kateryna Morozovska	Decarbonizing maritime shipping and aviation: Breaking through carbon lock-in and path dependency in hard-to-abate transport sectors
<b>4531</b>	Junyu Zhang, Liesbeth Dries and Caspar Van den Berg	Destabilization and industry's responses in the dairy sector, evidence from Northern Netherlands
<b>6262</b>	Priscilla Jezi	Transition finance: A conceptual analysis and case study of its role in Eskom's Just Energy Transition Process (Komati Project Pilot)
<b>9521</b>	Nichola Richards and Megan Davies	Beyond resistance? Exploring dynamics of incumbency in South Africa's power sector reform

#### **Session 8.4: Citizen and consumers**

**Chair: Julia Wittmayer**

<b>5508</b>	Sven Alsheimer, Tamara Schnell, Sebastian Rohe and Camilla Chlebna	Competing terms for complementary concepts? A systematic literature review on social acceptance and legitimacy of low-carbon technologies
<b>7244</b>	Kristina Bogner, Barbara Kump, Mayte Beekman and Julia Wittmayer	Coping with transition pain: An emotions perspective on phase-outs in sustainability transitions
<b>7320</b>	Helena Müller and Daniel Hanss	Roles of citizens in sustainability transitions: The example of the Darmstadt Citizen Panel
<b>8935</b>	Ronan Bolton and Helen Poulter	Regime Orchestration of Consumers: An Analysis of Business Planning Practices in the British Electricity Networks Sector

## Session 10.5: Narratives

Chair: Almut Mohr

<b>1634</b>	Almut Mohr	Narratives in South Africa's just energy transition process
<b>1819</b>	Veronica Hector, Michael Schlaile, Lukas Bäuerle, Luis Peters, Annette Hilt and Silja Graupe	Venturing through the window of opportunity or sitting on its sill? Exploring the implications of narrative archetypes during the COVID-19 crisis for sustainability transitions
<b>5773</b>	Darren Sharp, Emma Quilty, Rob Raven, Sarah Pink and Megan Farrelly	Everyday net zero transitions at precinct scale: complications and possibilities
<b>8751</b>	Benjamin Smith	Using narratives to map the 'wickedness' of problems and solutions in sustainability transitions - the case of agri-food in Norway

	<b>Title</b>	<b>Session organizers</b>
<b>Session 11.2</b> ( <i>Special</i> )	Behaviour in transitions: From perception to action	Karlijn van den Broek, Stefan Kaufman, Paula Bögel, Tina Venema and Rob Raven

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 8</b>	Changing practices and social learning in multi-actor transition processes towards integrative practice.	Florian Goldschmeding, Véronique Vasseur and René Kemp

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 9</b>	Varieties of economies in cities: moving beyond growth-oriented economic paradigms	Franziska Ehnert, Karoline Augenstein and Neelakshi Joshi

### **Session 1.10: Nature in transitions**

**Chair: Karla Locher-Krause**

<b>573</b>	Vincent Vindevoghel	The return of nature: Investigating the conceptions of nature in sustainability transitions studies
<b>4884</b>	Jesper Holm and Thomas Skou Grindsted	Landscape bound transition
<b>7428</b>	Jorge Adrian Ortiz Moreno	Rainwater harvesting and the water crisis in Mexico City: a palliative niche for a dysfunctional regime
<b>9924</b>	Margarida Monteiro, Maria Partidário, Karla Locher-Krause, Yuanzao Zhu and Heidi Wittmer	Transformative Change through Spatial Policy and Planning Processes to Enhance Biodiversity Value

### **Session 2.8: Transformative, radical and disruptive innovation**

**Chair: Koen Frenken**

<b>229</b>	Jeng-Shian Wang, Mu-Yen Hsu and Yu-Chia Ko	Harnessing disruptive innovation for sustainability transitions: An integrated framework of technology supply and market demand analysis
<b>5584</b>	Jennie Stephens and Martin Sokol	Financial Innovation for Sustainability Transformation, Climate Justice, and Fossil Fuel Phaseout: A Critical Role for Monetary Policy and Central Banks
<b>6684</b>	Knut Blind	The Relationship between Standardization and Transformative Innovation
<b>6776</b>	Koen Frenken	A new view on radical innovation and its use in transition studies

### **Session 2.9: Incumbents**

**Chair: Brit Bulah**

<b>1444</b>	Shanyun Sam Lu and Lea Fünfschilling	Perpetuating socio-technical regimes: The role of consultants
<b>5609</b>	Kasper Ampe	Incumbents in transitions: towards more diverse understandings
<b>5635</b>	Jelena Stankovic and Michiel Bron	Cohort agency in energy transitions: merging cohort theory and MLP to conceptualise oil actors in nuclear and solar energy

<b>7521</b>	Julia Kühl and Bernd Ebersberger	All following the same path? Comparing regime-incumbent firms' activities in the alternative protein transition
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### **Session 3.3: Energy scenarios**

**Chair: Alejandro Nuñez-Jimenez**

<b>951</b>	Tobias Buchmann, Matthias Mueller, Patrick Wolf, Marion Dreyer and Frank Dratsdrummer	An Indicator System for Responsible Research and Innovation
<b>3226</b>	Alejandro Nuñez-Jimenez and Siobhan Powell	A compass in a storm: How energy modelling helps govern the energy transition during crises
<b>8900</b>	Nayim Patel	Performing Energy Justice Futures: How energy imaginaries shape energy justice practices in the UK's Community Energy sector
<b>9560</b>	Mahshid Hasankhani	Dilemmas in the design of future hydrogen regional energy network: A Case Study in Southern Netherlands

### **Session 6.6: Policy mixes (II)**

**Chair: Xu Liu**

<b>418</b>	David Pfeffer	Circular Plastics: Analyzing the interdependencies between the EU policy mix and uptake of recycled plastics in the EEE sector
<b>1538</b>	Xu Liu, Marc Dijk and Carlo Colombo	Improving Multi-level Policy Mixes for Sustainable Urban Mobility Transition
<b>8788</b>	Pavan Narayana Reddy, Nihit Goyal and Wijnand Veeneman	Policy mixes, policy success, and policy entrepreneurship: A comparative study of cycling policy in the Netherlands
<b>9666</b>	Florian Kern, Frieder Schmelzle, Jens Clausen and Klaus Fichter	Analysing the creation and contestation of hydrogen pathways in the German energy transition through the interplay of policy mixes and actor strategies

### **Session 7.3 Speed talks**

**Chair: Wouter Boon**

<b>2246</b>	Ronny Reshef	A fly in the ointment: scarcity and poverty among Dutch Jewry in the 17th-19th centuries
<b>5085</b>	Tasneem Jhetam	Shifting the Needle: An Ethnographic Exploration of South African Change Agents' Journey Towards a Sustainable Future
<b>6936</b>	Jonas Van Gaubergen, Erik Paredis and Thomas Block	Coordinating logics towards a socially just product-service system: the role of civil society intermediation in the 'Papillon' project
<b>8782</b>	Anna Bergek	The more the merrier? Attitudes to company co-ownership in Swedish solar communities
<b>9443</b>	Wouter Boon and Tineke Kleinhout-Vliek	Experiments as a form of social pharmaceutical innovation

### Session 9.5: Context and space

Chair: Christian Binz

<b>260</b>	Kejia Yang	Spatial diffusion and niche shielding dynamics: wind power development in China
<b>848</b>	Maria Luisa Lode, Thomas Bauwens, Luis Ramirez Camargo	Spatial dispersion of Energy Communities as socio-technical innovations: An exploratory spatial and socio-economic analysis
<b>6336</b>	Djamila Lesch, Johan Mjörner and Christian Binz	Mapping the spatial variation of path dependencies in global regimes – A novel scheme of analysis and illustration in the water sector
<b>7515</b>	Thea Jung	The role of context-specific conditions in decarbonising the cement value chain in India, UK, and Germany

### Session 10.6: Just transitions I

Chair: Flor Avelino

<b>5785</b>	Ciska Ulug, Kristiaan Kok and Eduardo Muniz Pereira Urias	Toward just transformative innovation policies
<b>6694</b>	Sophie Buchel	Just not sustainable: justice principles for the mobility transition
<b>9187</b>	Esther F. Jansen, Flor Avelino, Giuseppe Feola, and Kristina Bogner	Unpacking the Critical Turn in Sustainability Transitions Research in relation to Climate Justice – a theoretical reflection
<b>9613</b>	Nikhil Kumar Sharma, Dr. Tom Hargreaves, Dr. Helen Pallett and Prof. Charlie Wilson	Operationalizing intersectionality as a tool for critical practice in just transitions: opportunities and challenges

Friday September 1<sup>st</sup>

Parallel session 8 – 9:00 – 10:30

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 10</b>	Transitions of the agro-food system: fostering system innovation and destabilize the existing regime	Boelie Elzen and Marc Barbier

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 11</b>	Stimulating reflexivity at the boundaries of change initiative and context; user experiences with reflexive monitoring	Barbara van Mierlo and P.J. Beers

### **Session 1.11 Speed talks**

**Chair: Megan Davies**

<b>919</b>	Barbara Koole and John Grin	Positioning yourself responsibly as an action researcher in sustainability transitions
<b>1974</b>	Felix Poelsma, Susanne Wymann von Dach and Stephanie Moser	How researchers can empower actors in sustainability transitions – insights from a transition management process towards regional climate neutrality in the Swiss Alps
<b>6787</b>	Megan Davies	Cultivating reflexivity and response-ability: ambitions for transformative sustainability education in Stellenbosch University's Postgraduate Diploma in Sustainable Development
<b>6979</b>	Joanne Vinke-de Kruijf and Andreas Hartmann	Facilitating reflection and learning for societal transitions: drawing lessons from project-based organizations
<b>8368</b>	Gabriella Doci, Harald Rohrer and Olga Kordas	Learning History in the 'transition system', A method for capturing and diffusing learning in Urban Transition Management
<b>8752</b>	Barbara Kump, Kristina Bogner, Julia Wittmayer and Mayte Beekmann	Seizing institutional opportunities in transitions: The case of engaged scholarship at the Erasmus University Rotterdam
<b>8938</b>	Laura Brings	Disclosing Each Other Through Reflexive Gaming

### **Session 1.12: Multi-sector interactions**

**Chair: Paula Kivimaa**

<b>588</b>	Meike Löhr and Camilla Chlebna	Multi-system interactions in hydrogen-based sector coupling projects: System entanglers as key actors
<b>3611</b>	Marja Helena Sivonen and Paula Kivimaa	Finland and Norway in the Arctic: the interrelations between security and the energy zero-carbon energy transition
<b>5937</b>	Laura Kainiemi, Minttu Laukkanen and Jarkko Levänen	Managing the sectoral spillovers of energy transitions– A justice perspective on multi-sector interactions

<b>6891</b>	Frank Geels and Martina Ayoub	A socio-technical transition perspective on positive tipping points in climate change mitigation: Analysing co-evolutionary dynamics in offshore wind and electric vehicles acceleration
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#### **Session 4.6: Expectation and governance**

**Chair: Kornelia Konrad**

<b>1325</b>	Andrea Vogler and Barbara Kump	(Too) high expectations? How do energy community actors' construct their role in energy transitions
<b>7303</b>	Annika Schröder and Thomas Klinger	From car-oriented to car-reduced neighbourhoods – How do the actors' beliefs shape the transition of planning and realising new residential districts?
<b>7365</b>	Filip Rozborski and Kornelia Konrad	Networks of expectations and visions in the governance of hydrogen technologies in Germany – a longitudinal, multi-sectoral, multi-technology, and multi-actor perspective.
<b>8486</b>	Kimberley Vandenhole, Kristijan Garic and Philip Leifeld	Improving Discourse Network Analysis methods to identify critical and disruptive moments in sustainability transitions

#### **Session 4.7 Speed talks**

**Chair: Thomas Magnusson**

<b>1045</b>	Henna Sundqvist and Maria Åkerman	A Frame for Studying Transformative Governance in the Context of a Socio-Ecological-Technical System
<b>1094</b>	Wisdom Kanda, Olof Hjelm and Thomas Magnusson	Why do intermediaries exist in sustainability transitions? A theory
<b>2356</b>	Lucile Ottolini and Bruno Turnheim	Nuclear energy destabilizations: a comparative study of four long-term trajectories
<b>2406</b>	Gregory Trencher and Nuno Bento	Phase-out policies for substitution and transformation: Comparing approaches, instruments and barriers
<b>5479</b>	Andreas Lindemann, Ronan Bolton and Mark Winskel	Network reconfiguration in energy transitions - An analysis of electricity transmission projects in remote regions of Europe
<b>5594</b>	Hilde Nykamp and Allan Dahl Andersen	Exploring policy challenges for multi-system transitions: Insights from electrification in Norway
<b>9711</b>	Kees van der Wel and Sanne Akerboom	Navigating public values in local energy systems: An insider's perspective on value prioritization and conflicts in the design of new energy systems

#### **Session 4.8 Speed talks**

**Chair: Mert Duygan**

<b>1022</b>	Jörg Musiolik	Institutional, organisational, and technological interdependencies in Smart cities: Towards a conceptual framework of urban (digital) transformation
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<b>1069</b>	Mert Duygan, Jair Campfens and Claudia Binder	A novel backcasting approach to study the governance of urban energy transitions
<b>4039</b>	Colleen Kaiser, Michal Miedzinski, Will McDowall and Geoff McCarney	Reflective appraisal of transformative innovation policy: Development of the Sustainability Transition and Innovation Review (STIR) approach and application to Canada
<b>6279</b>	Barbara Koole and Eva Wolf	Transforming the border of a city: How institutional mechanisms structure policy conflict
<b>6770</b>	Katharina Hölscher, Jochen Monstadt and Shaun Smith	The spatial and transformative fit of transformative climate governance for water supply in the Cape Town metropolitan region
<b>7033</b>	Riina Bhatia, Matti Pihlajamaa, Anni Jäntti and Kirsi-Maria Hyytinen	Enabling Transformative Change: Investigating Capabilities for Sustainability in City Management
<b>7794</b>	Kateryna Pereverza and Petter Johansson	Transformative portfolio-based approach for mobility transitions: the case of Skellefteå, a quickly growing municipality in the North of Sweden

### **Session 5.7: Destabilisation and decline II**

**Chair: Nuno Bento**

<b>2339</b>	David Billedeau and Jeffrey Wilson	Corporate Carbon Leakage: An Emerging Problem on the Path to Net Zero
<b>2539</b>	Nuno Bento	Technology Substitution for System Transformation: Reassessing the role of learning and infrastructure
<b>5969</b>	Stefan Četković, Alina Weiss and Maurits De Lint	Understanding local destabilization policies in the mobility sector: A comparison of Amsterdam, London and Munich
<b>8526</b>	Laura Vani Kesore	How did the German night train die? Examining the destabilisation and phase-out of an established passenger mobility system

### **Session 10.7: Just transitions II**

**Chair: Will Niver**

<b>1160</b>	Dimitris Lagouvardos and Stathis Arapostathis	Climate protection and justice: The case of the Western Macedonia delignification
<b>1727</b>	William Niver	Scrutinizing the Justice in Arizona's Proposed Just Transition Package
<b>2027</b>	Marjolein Hoogstraaten, Simona Negro, Ellen Moors, Anne Kienhuis, Victoria de Leeuw, Jelle Vriend and Jarno Hoekman	Analyzing and accelerating the transition towards safety testing of chemical substances through new approach methodologies
<b>3955</b>	Aarthi Sundaram, Yilin Huang, Eefje Cuppen and Igor Nikolic	Integrating justice principles into computational models supporting energy transition.

	<b>Title</b>	<b>Session organizers</b>
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<b>Session 11.3</b> ( <i>Special</i> )	Conceptualizing the role of finance for sustainability transitions	Helen Toxopeus, Pieter Pauw, Florian Egli and Friedemann Polzin
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	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 12</b>	Justice consideration in the context of the emergence, diffusion and institutionalization of energy communities	Maria Luisa Lode and Luis Ramirez Camargo

	<b>Title</b>	<b>Session organizers</b>
<b>Dialogue session 13</b>	Unsustainabilities: an adjacent research agenda	Harro van Lente

### **Session 1.13: Mobility and transport**

**Chair: Amir Mirzadeh Phirouzabadi**

<b>5378</b>	Aline Scherrer	Full speed ahead or a bumpy ride for dynamic charging? The infrastructure politics for charging battery-electric trucks in Europe
<b>5640</b>	Hanna Bach	Full steam astern - the revival of sail cargo ships?
<b>7559</b>	Amir Mirzadeh Phirouzabadi	Individual vs. cross-failure policy interventions for sustainable transitions: a system dynamics modelling for low-carbon vehicle mobility systems
<b>9453</b>	Rima Arab, Nihit Goyal, Thomas Hoppe and Linda Kamp	Explaining sustainability transitions by coupling the multi-level perspective with the multiple streams framework: The Dutch transition to electric vehicles

### **Session 4.9: Urban transitions and policy**

**Chair: Harald Rohrer**

<b>4435</b>	Darren Sierhuis	Unraveling (de)politicization in urban experiments for sustainability transformations: A case study in Amsterdam
<b>7352</b>	Erkki-Jussi Nylén, Ari Jokinen and Pekka Jokinen	Ramifications of a novel policy idea. Comparing transition pathways to urban circular economy in four cities
<b>8964</b>	Kateryna Pereverza, Harald Rohrer and Olga Kordas	Fostering urban climate transition through portfolio-based approaches
<b>9509</b>	George Kiambuthi Wainaina and Bernhard Truffer	The missing link of infrastructure appropriation: Explaining the limited effectiveness of infrastructure planning for informal settlement upgrading

### **Session 4.10: Learning**

**Chair: Jaco Quist**

<b>518</b>	Tjerk Jan Schuitmaker	Mechanisms for the transition to care for health; reflexive monitoring of Hi!Noord
<b>3445</b>	Jasper van Dijk and Anna Wiczorek	The role of learning in governance capacities development for regional energy transitions: Mobilizing insights from a case study of a Dutch energy region

<b>4210</b>	Clara Saglietti, John Holmberg and Johan Holmén	Tie together to unravel sustainability challenges: Exploring how “to dock” to diffuse learning from innovative “expeditions” to “cruise ships” and collaboratively navigate sustainability transitions.
<b>8736</b>	Mart van Uden, Sietse Gronheid, Jaco Quist and Ellen van Bueren	Learning in Transition Experiments for Circular Construction: A Typology for Experiment Design and Evaluation

	<b>Title</b>	<b>Session organizers</b>
<b>Session 4.11</b> ( <i>Special</i> )	Unboxing the concept of intermediaries for steering transformative change	Wisdom Kanda, Ingrid Mignon, Teresa Sánchez-Chaparro, Jaime Moreno-Serna, Kateryna Pereverza and Miguel Soberón

## Session 5.8: Agrifood transitions II

Chair: Niko Wojtynia

404	Hadrien Lantremange, Marie-Benoit Magrini, Julien Frayssignes, Laurence Lamothe, Pierre-Eric Lauri, Bénédicte Lebret, Valérie Lullien-Pellerin, Marie-Odile Nozières, Véronique Saint-Gès, Clementina Sebillotte, Marc Tchamitchian, Marie Thiollet-Scholtus and Patrice This	Nurturing niche innovations by agrifood value chains in transitions to agroecology. A comparative analysis of five case studies in France
2362	Jana Zscheischler	Transdisciplinary approaches to the governance of socio-technical transitions? - Findings from a transdisciplinary process on the digitalisation in agriculture
4499	Niko Wojtynia, Jerry van Dijk, Marjolein Derks, Peter Groot Koerkamp and Marko Hekkert	Spheres of transformation: exploring personal, political and practical drivers of farmer agency and behavior change in the Netherlands
5742	Irene Kuhmonen, Tuomas Kuhmonen and Atte Penttilä	Transition pathways and policies towards a more resilient food system

## Session 5.9 Speed talks

Chair: Jörg Musiolik

811	Alberto Arca	Management of End-of-Life Vehicles Plastic Waste in Europe: the role of chemical recycling technologies
1715	Konstantin Born	Circular economy adoption and sustainability innovation in the mining sector
1764	Chiara Farné Fratini and Peter Steen Mikkelsen	Understanding digital transition in the water sector – the role of water data space imaginaries in accelerating sustainability water transition pathways
2202	Alex Dandridge	Fitting Business Models in Sociotechnical Transitions: The Marketing of Utility Energy Efficiency Programs in Canada and the US
2563	Jörg Musiolik and Leticia Müller	TIS context dynamics in the second phase of the energy transition: the market formation of collective self-consumption solutions in Switzerland
3038	Heidi Crummell	Innovation in Canadian Electric Power Utilities: An Examination of Subsidiary Creation as a form of Organizational Ambidexterity
6739	Kaja Zimmermann and Yuliya Voytenko Palgan	Scaling up cargo bike sharing organisations: A case study of "Grätzlrad" in Vienna and "LastenVelo e.V." in Freiburg

## Session 9.6: Regional contexts

Chair: Fergus Haswell

<b>665</b>	Tiril Marie Anthonen Aamot	The Where and How of Living Labs: Understanding the Contexts, Settings, and Pathways
<b>781</b>	Fergus Haswell, Oreane Edelenbosch, Laura Piscicelli and Detlef van Vuuren	Understanding sustainability transitions in the Global North and Global South: a cross-country comparison of circular consumption patterns in the mobility sector
<b>7202</b>	Johan Miörner, Vasco Schelbert and Christian Binz	How socio-technical configurations travel: The translation of innovative sanitation solutions between European cities
<b>9546</b>	Johan Miörner, Shreya Nath, Sneha Singh and Christian Binz	Market-driven transitions in middle-income cities: coordinating the transition to on-site sanitation in Bengaluru

### **Session 9.7: Regional context II**

**Chair: Jannika Mattes**

<b>4248</b>	Geoffrey Desa, Sandip Basu and Oscar Jerome Stewart	Scaling sustainability transitions: The role of stakeholder-based collective agency in social venture regional growth.
<b>4426</b>	Hendrik Hansmeier and Sebastian Losacker	Regional trajectories of eco-innovation specializations
<b>5625</b>	Camilla Chlebna and Jannika Mattes	Regional transition fields: How processes of adaptation and delimitation shape regional transitions
<b>8147</b>	Huiwen Gong and Bernhard Truffer	Changing regional innovation culture for sustainability transitions: the interrelationship between culture, imaginaries and narratives in Baden-Württemberg's mobility transitions

### Session 1.14: Research organizations

Chair: Jonas Torrens

3309	Tobias Held and Alexandra Hausstein	Introducing TransLab - A method for organizational development of university-driven Innovation Labs towards transformative change.
4736	Jonas Torrens, Anna Shindler, Anna Wieczorek, Gaston Heimeriks, Oscar Romero Goyeneche and Orlando Martin Vazquez Villegas	Transformative research in a Dutch technical university: seeds and growth directions
9445	Frank van Rijnsoever, Silas Sitzer and Yvette Baggen	The change agent teaching model: educating entrepreneurial leaders to tackle grand societal challenges

### Session 5.10 Speed talks

Chair: Tuukka Mäkitie

3748	Tuukka Mäkitie, Allan D. Andersen, Markus Steen and Jens Hanson	The industrial dynamics of a sustainability transition: assessing the multi-sectoral interactions of electrification in Norwegian coastal shipping
4827	Alboricah Rathupetsane	Discovering industrial base capabilities for green economy industrialisation in South Africa
6514	Aisha Al-Sarihi	Can Oil-Producing Gulf Arab States Localise Clean Energy Technological Innovation: an analysis using Innovation System approach
9392	Martin Visby Buchard	Bridging the strategy-operation gap: Towards a tool for sustainable transformation in cities
9938	David Lazarevic, Antje Klitkou, Riina Toivanen and Lina Ingeborgrud	Intermediaries in the wood construction innovation system in Norway and Finland

### Session 6.7 Speed talks

Chair: Edilaine Camillo

206	Irene Bronsvort	The citizen multiple. Investigating the enactment of citizen engagement in the energy transition
639	Léon Hirt	How public and political discourses accompanied solar PV uptake over five decades in Switzerland
4496	Edilaine Camillo, Rodolfo Gomes and Flávia Consoni	The effects of the lack of coherence between energy policy and industrial policy on climate policies: an analysis of Brazilian air-conditioners' case
6625	Masiel Melissa Pereira Prado and Cesar Enrique Ortiz Guerrero	Network public policy dynamics in energy transitions in the Global South

### Session 6.8 Speed talks

Chair: Taran Thune

<b>3017</b>	Taran Thune, Håkon Endresen Normann, Lisa Scordato and Silje Marie Svartefoss	Tracing an experimental policy process: 'mission-oriented' research and innovation policies for transformative change
<b>4082</b>	Mohammadreza Zolfagharian, Rob Raven and Benjamin K. Sovacool	Transition policy interventions: a systematic review of what works and why
<b>4501</b>	Nur Gizem Yalcin, Erik Paredis and Melanie Jaeger-Erben	Quiet capture in noisy politics of plastics
<b>7499</b>	Patricia Wild and Nicole Niesler	A quantification of geopolitical risks in global hydrogen trade
<b>8246</b>	Subina Shrestha, Håvard Haarstad and Rafael Rosales	Power in urban logistics: A comparative analysis of networks and policymaking for sustainable urban logistics

**Session 7.4** **Speed talks****Chair: Giuseppe Feola**

<b>281</b>	Frederike Praasterink and Michelle Hahn	The role of feminine leadership in (agrifood) sustainability transitions
<b>3844</b>	André Girardi	Community-Led Initiatives efforts to (re)direct European Union funding lines
<b>4729</b>	Marc Gimenez Maranges, Jürgen Breuste and Angela Hof	ustainability action from the bottom-up: The example of Vorarlberg (Austria)
<b>5994</b>	Giuseppe Feola	Schismogenesis and prefiguration in grassroots innovation movements
<b>6645</b>	Isabeau Coopmans and Fleur Marchand	The role of social norms in actions for preventing food waste
<b>7926</b>	Simone van Wieringen	Embodying the Wadden: activism, cycling and transforming the human nature dichotomy

**Session 8.5** **Speed talks****Chair: Yuliya Voytenko Palgan**

<b>1855</b>	Christopher Jr Galgo, Maral Mahdad and Gohar Isakhanyan	Navigating Tensions in Business Model Innovation for Sustainability: A design-oriented systematic review
<b>3920</b>	Oksana Mont, Yuliya Voytenko Palgan and Lea Fünfschilling	Institutionalisation pathways of the sharing economy in five global cities
<b>4950</b>	Edith van Ewijk, Kees Stam and Paul Chan	Breaking free from the old and building up the new: A routines perspective on innovative practices in making the transition towards sustainable redevelopment of urban areas
<b>6779</b>	Maria Eleftheria Dimou, Nihit Goyal and Wijnand Veeneman	How and when do social movements foster policy innovation? The transition to cycling in three European cities

**Session 9.8** **Speed talks****Chair: Suyash Jolly**

<b>2454</b>	Tessa Leferink, Kees Maat and Floor Alkemade	No car anymore? A study on how travel behaviour and car ownership are shaped upon residential relocation using Dutch MPN data
<b>3158</b>	Parsa Asna Ashari, Daniel Weiss and Knut Blind	Transitions in the mobility sector – Empirical evidence from hydrogen fuel cell, electric, and internal combustion engine vehicles
<b>3380</b>	Suyash Jolly	Responsible, green, and digitalized regional industry path development in Nordland (Norway) and Styria (Austria)
<b>6426</b>	Yi-chun Chen, Masahiro Sugiyama and Hideaki Shiroyama	Local learning and global-local niche interaction: Deployment of solar photovoltaics in Japan