

# Program 2nd eseia Conference on Smart and Green Transitions in Cities and Regions



Monday, 4th April

8.00 Coffee and Registration

8.30 **Phoenix Progress Meeting**  
Chair: *Brigitte Hasewend (eseia)* Room i5

10.00 **eseia ISS Design Workshop**  
Moderators: *Luis Duarte (LNEG)* Room i5

**eseia Governing Council**  
Chair: *Harald Kainz (eseia President)* Room i6

12.00 Lunch Break

13.00 **Opening Ceremony Addresses:**  
*Ingolf Schädler - Deputy Director General for Innovation / Ministry of Transport, Innovation and Technology*  
*Jörg Leichtfried - Federal State Minister*  
*Siegfried Nagl - Mayor of the City of Graz*  
*Harald Kainz - TU Graz Rector & eseia President* Room i3

13.45 **Urban and Regional Transition -  
New Scales, Missing Decision Mechanisms?**  
Key note speaker: *Reimar Molitor, Director Region Cologne-Bonn* Room i3

14.15 Coffee Break

14.45	1A: Mobility Patterns in Smart Cities Room i3	1B: Governance for Transition Room i4
	Innovative Transport Concept Through Combined Mobility Based on Multimodal Nodes in the Area of Graz <i>Kohla, Fabian, Just-Moczygemba</i>	Institutional and Governance Arrangements for Smart Grid Implementation <i>Lammers, Arentsen</i>
	The Empirical Investigation on the Relationship between Mixed-Use Development and Travel Distances in Tainan Metropolitan Area, Taiwan <i>Lee Ting-Yi, Lee Tzu-Chang</i>	The Value of Stakeholder Collaboration in Brown-field Revitalisation Analysed with Game Theory <i>Dolinsky, Horniacek, Molnair, Ruzicka</i>
	Comparative Study on Asian Megacity's Road Network Topology <i>Zining Li, Hanliang Lin</i>	Energy Citizenship and Public Engagement in Energy System Transformations: Reflections on an Emergent Concept <i>Mullally, Dunphy, McCarthy, Harris, Connolly, Lennon, O' Connor, Gaffney</i>
	Investigating Passenger Car and Powered Two-Wheeler Usage in Urban Areas: a Case of Tainan, Taiwan <i>Poyu Lee, Tzu-Chang Lee</i>	Governance of Heat Grids. Towards a Governance Typology for Smart Heat <i>Sanders, Heldeweg, Brunnekreef</i>

Coffee Break

16.45  
17.00 **eseia General Assembly**  
Chair: *Harald Kainz (eseia President)* Room i6

19.00 Evening Reception at the Rathaus invited by the city of Graz



# Tuesday, 5th April

8.30 Coffee and Registration

9.00	<b>Urban Energy Systems Demonstrated at “Reininghausgründe” in Graz</b> <b>Key Note:</b> Schnitzer, Narodoslawsky, TU Graz <span style="float: right;">Room i3</span>		<b>ener2i Synergy Workshop</b>  Room i5
9.30	<b>2A: Evaluating Mobility Transition</b> <span style="float: right;">Room i3</span> Evaluation of Various Means of Transport for Urban Areas. <i>Brunner, Hirschberg, Hirz, Fallast</i> Evaluating the perception of users in shared space containing pedestrians, cyclists, motorcyclists and motorists <i>Tzu-Chiao Hsu, Tzu-Chang Lee</i>	<b>2B: Urban Energy Transition</b> <span style="float: right;">Room i4</span> The Planning and Delivery of a Sustainable Brownfield Urban Regeneration Project at Grangegorman, Dublin. <i>Prendergast, Horan</i> Energy Planning for Existing City Quarters <i>Maier</i>	

10.30 Coffee Break

11.00	<b>3A: Smart Mixed Mobility</b> The Characteristics of Cyclist-Pedestrian Mixed Flow on Shared Paths. <i>Po-Jui Chen, Lee</i> Power quality and test-set-up design for energy feedback in urban metro lines <i>Zhang, Fickert</i>	<b>3B: Drivers for Transition</b> Smart cities as a driver for sustainable development. <i>Obinna, Joore</i> Community energy groups in Ireland and their role in national energy transition <i>Watson, Mullally, O Gallachoir</i>	<b>ener2i Synergy Workshop continued</b>  Room i5
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12.00 Lunch Break

13.00	<b>Smart City Labs For the Transition Towards Liveable Cities</b> <b>Key Note:</b> Jester, Joore, Hammerl <span style="float: right;">Room i3</span>		
13.30	<b>4A: Innovative approaches for smart urban transition</b> <span style="float: right;">Room i3</span> From Planning to Smart Management in Multi-Functional Brownfield Regeneration <i>Finka, Jamecny, Ondrejicka</i> Innovative offices for smarter cities <i>Krozer</i> Optimisation of energy supply in public buildings: the case of a primary school in the city of Koprivnica <i>Bartolec, Dominikovic, Cosic, Duic</i> Designing Sustainable Bio-Diesel Transportation by P-graph Method <i>Baumgartner, Süle, Bertok</i>	<b>4B: SMACC</b> <span style="float: right;">Room i6</span>  <b>SMACC Workshop</b> Smart City Coaching for creating Smart City Labs <i>Crul, Obinna</i>	<b>4C: Technology for transition</b> <span style="float: right;">Room i4</span> Effect of operational conditions on hydrothermal liquefaction of algal biomass produced in high rate algal ponds for wastewater treatment <i>De Aguiar do Couto, Varela, Pinto, Reis, Costa, Calijuri</i> Replication model for planning, development and integration of smart district heating systems in smart energy systems. <i>Doracic, Mathiesen, Krajacic, Duic</i> Efficiency of environmental friendly local materials application for thermal insulation of individual houses: numerical and experimental studies <i>Kresova, Kundas, Kuzhelko, Suprinovich</i> Economically viable utilisation of biomass for energy conversion by applying the bio-refinery concept: the case of Croatia. <i>Cosic, Narodoslawsky, Duic</i> Application of the bio-refinery concept in sugar industry. <i>Sutalo, Cosic, Duic</i>

15.45 Coffee Break

16.00	<b>BioEnergyTrain Conference</b> <i>Michael Narodoslawsky</i>	<b>SMACC Workshop</b> Cont'd	
17.00	<b>ener2i EU Brokerage Event</b> <b>Moderator:</b> Catherine Bilger ( <i>eseia</i> )	<b>BET Buying-in Event</b> <b>Moderator:</b> Brigitte Hasewend ( <i>eseia</i> )	Public Event Foyer
19.00	<b>Dinner at University Aula, TU Graz (Rechbauerstrasse 12)</b>		



# Wednesday, 6th April

## Coffee and Registration

8.30 9.00	<b>6A: Smart Energy Systems Optimisation</b> Room i3	<b>6B: Smart Urban Water Systems</b> Room i4
	Energy Storage Capacity Optimization for Residential Areas. <i>Bartos, Bertok</i>	Water Re-use – Feasible Solutions for Sustainable Metropolitan Regions <i>Duta, Visa, Visa</i>
	Integrated and sustainable energy concepts for urban neighbourhoods – A generic approach based on Austrian experiences <i>Hofer, Amann, Bachner</i>	Energy from Waste Water – A Hidden Urban Resource <i>Kollmann</i>
	Optimal Workforce Management for Smart Infrastructures with Minimal Environmental Impact <i>Szili, Frits, Bertók</i>	Solar Disinfection of Drinking Water Using Sand as a UV Light Amplifier <i>Haddad, Hindiyeh, Lahham, Hasan</i>
	Design, Development and Management of Renewable-based Energy Mixes in Sustainable Metropolitan Regions <i>Visa, Duta</i>	The “smart city quarter” demonstration project in Lübeck-Flintenbreite for innovative wastewater and waste collection <i>Deegener, Otterpohl, Körner</i>
	Balanced renewable Energy scenarios: How to go for spatial decisions without decent data, shown on the case study of the Vorderland region, Vorarlberg. <i>Dumke, Nabielek</i>	Optimizing urban hot, cold, and electric energy supply to satisfy stochastic demands <i>Konig, Bertok</i>

## 11.15 Coffee Break

11.30	CESEPS Co-evolution of Smart Energy Products and Services for Sustainable Urbanisation Keynote: <i>Lothar Fickert</i> Room i3
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12.00	<b>Closing Plenary and Summary:</b> <i>Brigitte Hasewend, Ion Visa, Lothar Fickert</i> Moderator: <i>Michael Narodoslawsky</i> Room i3
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## 12.30 Lunch and end of the conference

13.00	<b>BET Curriculum Development Workshop</b> Moderators: <i>Michael Narodoslawsky (TU Graz)</i> <i>Maarten Arentsen (UT)</i> Room i5	<b>SuPREME Steering Committee</b> Chair: <i>Ewa Domke (IMP PAN)</i> Room i6
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15.00	<b>BET Professional Education Formats Workshop</b> Moderators: <i>Joan-Marc Joval (KIC IE)</i> <i>Christian Sakulin (EAS)</i> Room i5	<b>SuPREME Global Consortium and Technical Progress Meeting</b> Chair: <i>Ewa Domke (IMP PAN)</i> Room i6
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## Break

17.00 17.15	<b>BET Project Management Board and External Advisory Board Meeting</b> Chair: <i>Brigitte Hasewend (eseia)</i> Room i5	<b>SuPREME EAB</b> Chair: <i>Gunter Getzinger (AAU)</i> Room i6
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19.15  
19.30 **Dinner at Marienbrau (Hart bei Graz)**



# Thursday, 7th April

8.30 Coffee and Registration

9.00

H2020 Call Proposal Workshop  
NMBP/COST  
eseia WG 4  
Moderator: *Linette Viertelhauzen (eseia)*

Room i5

10.30

H2020 Call Proposal Workshop  
Teaming Phase 1  
Moderator: *Catherine Bilger (eseia)*

Room i5

12.00 Lunch Break at Trattoria

13.00

Proposal Workshop  
H2020 SCC-02-2017 Part B on Nature-based Solutions in Cities  
eseia WG 4  
Moderator: *Linette Viertelhauzen (eseia)*

Room i5

14.30 END

## Registration

Let us know your availabilities at the following link:

[Registration Form](#)

## Payment

<http://www.tugraz.at/events/eseia/registration/>

## Venue

TU Graz Campus Inffeld  
Inffeldgasse 25D  
8010 Graz



SuPREME

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