

TRANSition Pathways and RISK Analysis for Climate Change Mitigation and **Adaptation Strategies**

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TRANSrisk is an exciting new EU Horizon 2020 project studying the risks and uncertainties that lie ahead as we transition to a low carbon world. Our work examines the technical, economic and social feasibility of potential low carbon transition pathways. The project's outputs will help countries develop NDCs that complement socio-economic goals and assess risks and uncertainties associated with their potential pathways.

TRANSrisk Events



TRANSrisk workshop on <u>Modelling of Innovation Policy Options</u> took place on the 10th - 12th of October 2017, in Warsaw, Poland.

During the workshop the work implemented so far was discussed among partners, while next steps were planned in relation to the identification of innovation policy options, as well as the evaluation of climate change mitigation policy pathways through decision support tool for policymakers that is currently under development.

TRANSrisk Stakeholder Workshop "Risks of low-carbon transition in Poland" took place on the 12th of October 2017, in Warsaw, Poland. The workshop participants enjoyed several presentations on the potential low-carbon transition pathways, as well as their consequences for the labour market, innovativeness of the economy and the energy security of the country.

During the workshop a Fuzzy Cognitive Mapping exercise took place in order to gather stakeholders' input and expertise on the most important risks associated with the low-carbon transition.

Find out more about past and upcoming TRANSrisk events here.



TRANSrisk Side Events at COP23

TRANSrisk will participate at the <u>23rd session of the Conference of the Parties</u> (<u>COP23</u>) and will organise 2 side events presenting results from TRANSrisk case studies in Canada, Indonesia, Switzerland and the United Kingdom:



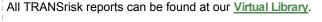
"Implementing NDCs: Diversity of Actors and Actions": To understand, interpret and implement the "Paris Agreement" it is essential to understand the diversity of actors and their actions. This will have bearing upon the governance structures, implementation models and MRV structures. This event will explore these issues and possible solutions using two case studies from TRANSrisk: biogas applications in Indonesia, and decarbonizing oil sands and its impact on Indigenous people in Canada. This event is a partnership between TRANSrisk and the Energy and Resources Institute (TERI).

"The future of nuclear, oils sands and renewables: risky energy pathways?": This side event will present a collection of three case studies that explore risks in different energy sectors within the context of three countries: the nuclear power sector in UK, the oil sands in the province of Alberta, Canada, and renewable energy in Switzerland. We will assess the risks of each energy policy pathway at the (sub)national level by applying energy, economy, technology and climate models as well as including a range of stakeholder perspectives and inputs.

Find out more about our COP23 events here.

Read now the latest TRANSrisk Report

TRANSrisk report "Synergies and conflicts of different transition pathways": According to chapter 6.6 of the fifth IPCC assessment report, the overall nature and extent of the co-benefits and risks arising from global transformation pathways largely depends on which mitigation options are implemented and how. The eight reports within this task primarily concentrate on specific environmental, social and economic co-effects of climate change mitigation pathways in a variety of regions and countries of the world.





Enjoy our Latest Scientific Publications

Discover the latest TRANSrisk Scientific Publications:

- Alexandros Nikas, Haris Doukas, Jenny Lieu, Rocío Alvarez Tinoco, Vasileios Charisopoulos, Wytze van der Gaast, (2017) "Managing stakeholder knowledge for the evaluation of innovation systems in the face of climate change", Journal of Knowledge Management, Vol. 21 Issue: 5, pp.1013-1034, doi:10.1108/JKM-01-2017 -0006.
- Dirk-Jan Van de Ven, Mikel González-Eguino, and Iñaki Arto (2017). The potential of behavioural change for climate change mitigation: a case study for the European Union. Mitigation and Adaptation Strategies for Global Change, pp.1-34, doi:10.1007/s11027-017-9763-y.
- Björn Nykvist, Timmothy Suljada, and Henrik Carlsen (2017). How on earth do we decarbonise heavy road based transport? Assessing the plausible pathways to deep and rapid decarbonisation of road based freight transport. Paper presented at the International Sustainability Transitions Conference 2017
- Francis Johnson, Timothy Suljada, Oliver Johnson, Takeshi Takama, Mbeo Ogeya, and Hannah Wanjiru (2017). Bioenergy and Sustainability Transitions in a Development context: a comparison for Sweden, Indonesia and Kenya. Paper presented at the International Sustainability Transitions Conference 2017
- Oliver Johnson, Mbeo Ogeya, Hannah Wanjiru, Tahia Devisscher, and Francis Johnson (2017). A multi-level perspective on geothermal power development in Kenya. Paper presented at the International Sustainability Transitions Conference 2017
- Jakob Mayer, Gabriel Bachner, and Karl W. Steininger (2017). Macro-economic implications of a 2 compatible transition path in the European iron and steel industry. Paper presented at the International Energy Workshop 2017
- Jan Witajewski-Baltvilks and Carolyn Fisher (2017). Green Innovation and Economic Growth in a North-South Model. Paper presented at the International Energy Workshop 2017

Stay tuned at TRANSrisk Articles Webpage!















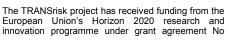














Contact details

Technical queries: transrisk@sussex.ac.uk For more Information: contact@transrisk.eu

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