



Iceland as a demonstrator for a transition to low carbon economy?

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The energy supply in Iceland is quite unique, about 85% of the total primary energy is coming from renewable resources. Nevertheless, the ecological footprint of an average Icelander is with 6.5 worlds, one of the highest worldwide and the energy consumption per capita is about 7 times higher than the European average. Recent developments have shown that there is a great potential to reduce the footprint and develop towards low carbon economy. With its small population, well educated and governed society and clear system boundaries to the outside world, Iceland is a good research laboratory and an ideal demonstrator for a transition towards a low carbon economy. This presentation will outline how several innovative research projects at Reykjavik University could lead Iceland towards a sustainable and low carbon economy.

The presentations will conclude with a visionary outlook how Iceland can become a demonstration nation towards a prosperous, low carbon and sustainable economy, helping stabilize global warming at an acceptable level.