

TRANSITION TO A RESOURCE EFFICIENT AND CLIMATE NEUTRAL ELECTRICITY SYSTEM (EL-TRAN) 2015-2017 Finland Futures Research Centre

Location of the action: Finland, Nordic countries, China

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Project partners: University of Tampere (UTA), Tampere University of Technology (TUT), University of Eastern Finland (UEF), Tampere University of Applied Sciences (TAMK), Technological Research Centre of Finland (VTT), Finland Futures Research Centre (FFRC)

Transition to a resource efficient and climate neutral electricity system (EL-TRAN consortium). This consortium will help to resolve policy problems involved in a transition to a resource efficient, climate neutral electricity system. The initial phase of such a transition is currently underway in Finland. We welcome this initial vision. However, we suggest that Finland lacks a full comprehension of what resource efficiency entails in the context of this transition, what complex policy problems such a society-wide energy transition will involve and generate, and how to respond to them. To overcome the problems, we examine energy policy actors, their interests and cognitive frames, trends and structures influencing Finland's electricity system, different renewable energy solutions and prospects of optimising the electricity system to realise the actors' interests. We outline requirements for Finnish energy policy actors to implement the transition and a roadmap for the public sector to support the process.



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