


ENERGISE

EUROPEAN NETWORK FOR RESEARCH, GOOD PRACTICE
AND INNOVATION FOR SUSTAINABLE ENERGY 

Project acronym: ENERGISE
Title: European Network for Research, Good Practice and Innovation for Sustainable Energy
Grant Agreement number: 727642

DELIVERABLE 7.11

CATALOGUE OF ALL PRESENTATIONS AND PUBLICATIONS

Description: Catalogue of all presentations and publications
Lead parties for deliverable: NUI Galway
Document type: Report
Due date of deliverable: 30-11-2019
Actual submission date: 27-11-2019
Revision: Version 1
Dissemination level: Public
Authors: Gary Goggins (NUIG)
Contributors: Data collected from all ENERGISE partners
Cite as: Goggins, G. (2019) Catalogue of all presentations and publications. ENERGISE – European Network for Research, Good Practice and Innovation for Sustainable Energy, Grant Agreement No. 727642, Deliverable No. 7.11



This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement No 727642.



ENERGISE partners	Logo
National University of Ireland, Galway (NUIG), University Road, Galway, Ireland	
Aalborg Universitet (AAU), Fredrik Bajers Vej 5, Aalborg 9220, Denmark	
Kingston University Higher Education Corporation (Kingston), River House High Street 53-57, Kingston Upon Thames KT1 1LQ, United Kingdom	
Universiteit Maastricht (UM), Minderbroedersberg 4-6, Maastricht 6200 MD, Netherlands	
Université de Genève (UNIGE), 24 rue du Général-Dufour, 1211 Genève 4, Switzerland	
GreenDependent Institute (GDI), Eva utca 4, Godollo 2100, Hungary	
Ludwig-Maximilians-Universitaet Muenchen (LMU Muenchen), Geschwister- Scholl-Platz 1, Muenchen 80539, Germany	
Focus Društvo Za Sonaraven Razvoj (FOCUS), Maurerjeva Ulica 7, Ljubljana 1000, Slovenia	
Applied Research and Communications Fund (ARC Fund), Alexander Zhendov Street 5, Sofia 1113, Bulgaria	
Helsingin Yliopisto (UH), Yliopistonkatu 4, Helsingin Yliopisto 00014, Finland	

TABLE OF CONTENTS

Table of Contents	3
ENERGISE Project	4
Executive Summary	5
List of publications.....	6
Journal articles.....	6
Peer-reviewed conference papers.....	12
Books and book Chapters.....	14
List of presentations	20

LEGAL NOTICE

The information in this document is provided as is and no guarantee or warranty is given that the information is fit for any particular purpose. The user thereof uses the information at its sole risk and liability. Neither the European Commission nor any person acting on behalf of the Commission is responsible for the use that might be made of the following information.

© ENERGISE 2018. Reproduction is authorised provided the source is acknowledged.

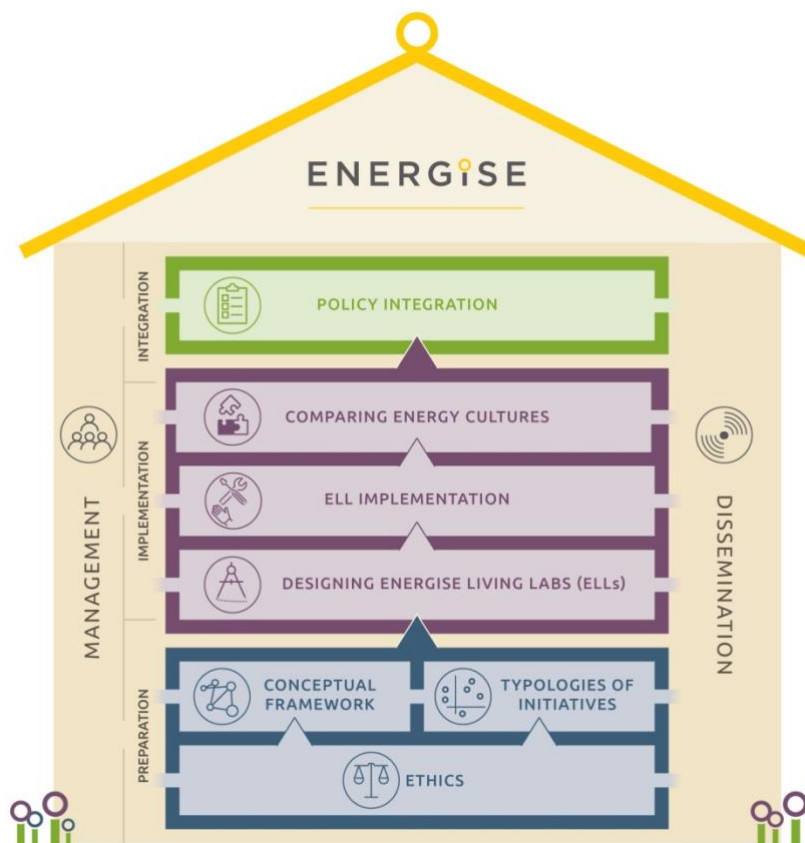
DISCLAIMER

ENERGISE is a Horizon 2020 project funded by the European Commission. The views and opinions expressed in this publication are the sole responsibility of the author(s) and do not necessarily reflect the views of the European Commission. Neither the INEA nor the European Commission is responsible for any use that may be made of the information contained therein.

ENERGISE PROJECT

ENERGISE is an innovative pan-European research initiative to achieve a greater scientific understanding of the social and cultural influences on energy consumption. Funded under the EU Horizon 2020 programme for three years (2016-2019), ENERGISE develops, tests and assesses options for a bottom-up transformation of energy use in households and communities across Europe. ENERGISE's primary objectives are to:

- **Develop an innovative framework** to evaluate energy initiatives, taking into account existing social practices and cultures that affect energy consumption.
- **Assess and compare the impact** of European energy consumption reduction initiatives.
- **Advance the use of Living Lab approaches** for researching and transforming energy cultures.
- **Produce new research-led insights** into the role of household routines and changes to those routines towards more sustainable energy.
- **Encourage positive interaction** between actors from society, the policy arena and industry.
- **Effectively transfer** project outputs towards the implementation of the European Energy Union.



EXECUTIVE SUMMARY

This deliverable contains a list of all publications and presentations undertaken during the course of the ENERGISE project. Section 1 includes a list of publications arising from the ENERGISE project, including citation details as well as an abstract. Links to the full publications are provided where appropriate. A total of 37 publications are included in the report, although there are several further publications planned or at various stages of completion. Section 2 provides a list of presentations delivered during the ENERGISE project. Specific details provided include the name and affiliation of the presenter(s), date of presentation, title of presentation, location, and a short description. A total of 200 presentations are included in the report.

LIST OF PUBLICATIONS

JOURNAL ARTICLES

Godin, L., Laakso, S & Sahakian, M (2019, submitted, under review). Doing laundry in consumption corridors: Wellbeing and everyday life. *Sustainability: Science, Practice and Policy*.

Across European households, laundry practices are held together by collective conventions, such as notions of comfort and convenience, and recognizable material arrangements, linked mainly to washing machines and dryers, which makes these practices rather 'sticky' and resistant to change. In this article, we posit that to explore the possibilities for a transformation towards more sustainable, lower energy usage, mundane activities such as laundry should be taken seriously. Through the lens of consumption corridors (Di Giulio and Fuchs 2014) and accounting for wellbeing in relation to the basic needs of participation, health and autonomy (Doyal and Gough 1991), we study laundry practices and their transformation in 73 Finnish and Swiss households who took part in a challenge to reduce their weekly wash cycles by half over a four-week period in autumn 2018. The challenge was part of a European research project using living lab methodologies. Based on both qualitative and quantitative data, we analyse how participants defined minimum and maximum standards for cleanliness and convenience, for themselves and through the challenge. Based on our findings, we discuss laundry practices in relation to social relations and sensations of cleanliness, as well as to the organization of daily life and mental labor. The participants' experiences helped uncover the 'stickiness' of practices both in relation to (escalating) social expectations and material arrangements. We conclude by discussing the way sufficiency measures can translate into wellbeing, recognizing how a mundane activity such as laundry can contribute to social change towards consumption corridors.

Goggins, G., Fahy, F., & Jensen, C. L. (2019). Sustainable transitions in residential energy use: Characteristics and governance of urban-based initiatives across Europe. *Journal of Cleaner Production*, 237, 117776.
<https://doi.org/10.1016/j.jclepro.2019.117776>

Reducing domestic energy use in cities has become a key focus in achieving sustainability goals. Recent and on-going efforts to address excessive residential energy use have taken various forms and have been initiated by a range of different actors. This paper presents evidence from the analysis of a database of 249 recent sustainable energy initiatives that have been implemented at various scales in and across urban areas in Europe. The paper examines common trends and characteristics in the type of initiatives that are promoted, including the problem definition, general approach, and implementation method. A second focus of enquiry centers on the governance mechanisms that underpin these initiatives. Here, attention turns to the main actors responsible for driving initiatives, the frequency and various forms of implementing partnerships, and the funding source through which the selected initiatives are financed. Two major themes emerged from reviewing the data, namely stratification and integration. Stratification or integration was evident across five key areas including problem framing, general approach, engagement mechanisms, governance, and evaluation frameworks. A corresponding typology of initiatives is presented under four categories: Enhancing; Directional; Experimental; and Responsive. Applying the typology to the dataset shows that enhancing initiatives aimed at optimizing technology or individual behavior are most prevalent (56%). Experimental initiatives that deliberate with new ways of living (16%) or responsive initiatives that consider contextual-needs (14%) are less prevalent and are more likely to occur at a smaller scale. Overall, we argue that integration across key areas can increase the success of initiatives that aim to achieve long-term sustainable transformation in household energy use.

Heiskanen, E., Laakso, S., Matschoss, K., Backhaus, J., Goggins, G., & Vadovics, E. (2018). Designing real-world laboratories for the reduction of residential energy use: Articulating theories of change. *GAIA-Ecological Perspectives for Science and Society*, 27(1), 60-67.
<https://www.ingentaconnect.com/contentone/oekom/gaia/2018/00000027/a00101s1/art00014?crawler=true&mimetype=application/pdf>

Reducing residential energy use and carbon dioxide emissions is a policy concern across Europe. One of the approaches to address this problem, real-world laboratories (RwLs), has recently gained prominence as a means to generate both sustainability change and social knowledge. Yet RwLs are context-bound, and transferability is an issue for scaling up change. Drawing on Realistic Evaluation (RE) and Theories of Change (ToC), this paper analyses researchers' and practitioners' views on the role of contexts and change mechanisms in the outcomes of interventions targeting residential energy use. The results show that extracting the underlying logic of RwL designs could help to identify where and when these designs are likely to be transferrable. This contribution has implications for the design of future RwLs, given that RwLs have until now rarely articulated their ToC.

Heiskanen, E., Kivimaa, P., & Lovio, R. (2019). Promoting sustainable energy: Does institutional entrepreneurship help?. *Energy Research & Social Science*, 50, 179-190.
<https://doi.org/10.1016/j.erss.2018.11.006>

Institutional entrepreneurship research has described and conceptualized dramatic cases of successful institutional change. We know less about whether it can help people trying to change institutions, for example, struggling to change the energy system. Do concepts from the institutional entrepreneurship literature offer sustainable energy practitioners insights on the political aspects of their work? And vice-versa: do practitioners have useful insights on the potential and limits of agency in institutional change? The present study contributes to these questions through collaborative inquiry together with government-affiliated organizations with a mission to promote sustainable energy. The results suggest that concepts from the institutional entrepreneurship literature do serve to make practitioners' implicit competencies explicit and hence a legitimate subject for organizational development and joint learning about the political aspects of energy systems change. We conclude that institutional entrepreneurship appears to require a form of organizing that combines environmental scanning, grand strategy and everyday tactical moves on the ground.

Jensen, C. L., Goggins, G., Röpke, I., & Fahy, F. (2019). Achieving sustainability transitions in residential energy use across Europe: The importance of problem framings. *Energy Policy*, 133, 110927.
<https://doi.org/10.1016/j.enpol.2019.110927>

Reducing greenhouse gas emissions in the residential sector is central to European energy policy. However, the speed and scale of sustainable energy transitions need to accelerate. There is a growing consensus that meeting energy targets is highly dependent on interrelated socio-material and cultural aspects of energy use. New ways of framing energy demand that go beyond dominant efficiency- and behavior models are needed. Recognizing these concerns, this paper reports on a review of 1067 Sustainable Energy Consumption Initiatives (SECIs) that aim to reduce residential energy use across 30 European countries. The initiatives are categorized and a corresponding Problem Framing Typology (PFT) is developed, highlighting important aspects of different types of problem framings. The typology contains four categories including 1) Changes in technology; 2) Changes in individual behavior; 3) Changes in everyday life situations; 4) and Changes in complex interactions. Applying the PFT to the 1067 SECIs shows that the vast majority (75%) of SECIs are positioned within category 1 and 2, indicating a lingering bias towards technocratic consumer behavioral strategies. The limitations of such approaches are discussed, and it is argued that

systematically addressing interactions between technology, businesses, culture and everyday-life is more likely to lead to long-term transformation.

Jensen, C. L., Goggins, G., Fahy, F., Grealis, E., Vadovics, E., Genus, A., & Rau, H. (2018). Towards a practice-theoretical classification of sustainable energy consumption initiatives: Insights from social scientific energy research in 30 European countries. *Energy Research & Social Science*, 45, 297-306.
<https://doi.org/10.1016/j.erss.2018.06.025>

Reducing residential energy use and related CO2 emissions across society requires approaches that understand energy demand as dependent on the performance of a range of interconnected social practices, which includes aspects of timing, location and material contexts. However, current energy policy and change initiatives often rely on a somewhat narrow combination of rational consumer choice models, efficiency measures and information-based behavioral change theory, thus falling short on anticipated reductions. Insights from the ENERGISE project highlight the merits of a practice-theoretical approach to social scientific energy research that explicitly recognizes complex interactions in the social organization of everyday life. The paper demonstrates how such an approach provides knowledge on variations in energy use across households, social groups and societies and how these are (not) acknowledged in the problem framings of dominant energy policies and change initiatives. Reflecting on experiences made during a large-scale comparative analysis of sustainable energy consumption change initiatives in 30 European countries, this paper presents a new and innovative methodology for investigating the dynamics of change initiatives that target energy use within households and communities. It concludes with some critical reflections on the methodology presented.

Laakso, S. (2019). Experiments in Everyday Mobility: Social Dynamics of Achieving a Sustainable Lifestyle. *Sociological Research Online*, 24(2), 235-250.
<https://doi.org/10.1177/1360780418823222>

This article presents the results from an experimental project in Jyväskylä, Finland, in which five 'pioneer households' aimed to reduce their environmental impacts by a variety of trials in different domains of daily consumption. The article analyses this 'home lab' experiment from a practice-theoretical perspective, focusing particularly on everyday mobility and the social interplay that occurs in mobility practices in different contexts. In so doing, the article explores the reasons behind the various outcomes of experimentation and discusses the potential of such experimentation to facilitate transformation in mobility practices. The results suggest that in order to shift daily mobility onto a more sustainable path, the social dynamics related to mobility practices should be better addressed. For example, the negotiations both inside and outside the participating households proved important in challenging the ways of doing mobility. Moreover, the potential for the diffusion of alternative mobility practices was shown to depend on a variety of factors that maintained the normality and acceptability of private driving. Utilising practice-theoretical insights in living laboratories can open new areas for experimentation and facilitate understanding of the shift in everyday practices towards greater sustainability.

Laakso, S., Heiskanen, E., Matschoss, K., Apajalahti, E-L. & Fahy, F. (submitted). The role of practice-based interventions in changing socio-technical systems.

Practice-based interventions have gained increasing attention in recent years as initiatives reshaping daily practices and engaging households in co-creation of knowledge on practices and their change. However, the notion of practice is embedded in local conditions and contexts, and scaling up might not be simply a matter of multiplying, transferring and deploying particular solutions at new sites and larger scales. This complexity of scaling up engenders our research

question: What types of work for diffusion and scaling up can be identified in practice-based interventions? The empirical material of our case study covers a selection of reports and other material, as well as interviews with key actors of six initiatives in different European countries. We investigate similarities and differences in how our selected cases worked to disseminate and diffuse their results and outcomes, in order to understand different ways and conditions for scaling up. Our findings show that the practice-based interventions have clearly served their purpose in identifying barriers to change and highlighting the relationship between consumption, production and policy practices. In many cases, they could show policy makers why new technologies do not work as expected unless social practices change as well. In many of the cases studied, the experiences have led to new projects, in which the intervention and engagement mechanisms are utilised on a wider scale. The findings suggest that by learning about and experimenting with practices in real life and genuinely engaging a variety of stakeholders, the practice-based interventions can make practice change more understandable, doable and accessible for practitioners and policy makers promoting sustainable consumption.

Laakso, S., Jensen, C. L., Vadovics, E., Apajalahti, E-L., Friis, F. & Szöllőssy, A. (to be submitted) Towards sustainable and sufficient energy consumption: Challenging heating-related practices in Denmark, Finland and Hungary

This article addresses possibilities for changes in household practices related to achieving societal and environmental sustainability in heating homes. The study is based on intervention, in which altogether 113 households in Denmark, Finland and Hungary were challenged to reduce their indoor temperature to 18 °C for four-weeks in autumn 2018. The aim of the challenge was to ‘heat people, not space’ and thus to innovate and experiment with alternative heating-related practices that reduce energy for heating homes. To facilitate other ways of keeping warm the participating households were equipped with tips and challenge kits that held different kinds of prompts such as warm socks and hot drinks. This article describes the similarities and differences in practices related to indoor space heating in households, as well as highlights the ways in which the challenges worked (or did not work), in three countries. The results show how new technologies or building characteristics alone are not enough to achieve sustainable levels of energy use for heating, but that changes in skills and competencies, as well as norms and expectations, related to indoor comfort will have to change as well. Many of the participants were surprised about how warm they had kept their homes and noticed how they actually felt more comfortable with a bit colder temperatures, while others realised that they already kept their homes at a rather cool temperature. Some participants experienced a resistance to change, as they felt that they had the right to a warm home or felt uncomfortable with inviting guests to a colder home. Generally, the temperature level in which people felt comfortable reduced on average by 1 °C, although 18 °C proved to be too cold for most participants. The results indicate the potential of practice-based interventions to deliberate on and change existing norms of comfort and convenience.

Laakso, S., Matschoss, K. & Apajalahti, E-L. (to be submitted) What is clean and comfortable? Understanding and challenging conventions in daily lives

To tackle climate change we need to fundamentally change the ways we live our everyday lives and consume energy. This article studies changes in household practices based on a living lab intervention, where 37 Finnish households challenged themselves to reduce their indoor temperature and the wash cycles in laundry. The article focuses on the ways the standards of cleanliness and comfort affect the practices of keeping warm and clean, how (or if) the participants managed to challenge these norms and conventions during the living lab, and what effect this had on their daily practices. The results show that challenging the conventions of cleanliness may be more difficult than questioning those related to thermal comfort. As these expectations often derive from outside the home, challenging conventions requires collective action by not only households,

but also other actors and communities. Practice-based living labs can provide fruitful lessons on household routines, as well as on acceptable ways to intervene in 'normal' forms of consumption.

Matschoss, K., Kajoskoski, T., Laakso, S., Apajalahti, E-L., Heiskanen, E. & Luomaniemi, V. (accepted) Kokeilemalla kestäviin energiakäytäntöihin - yksin vai yhdessä? Kulutustutkimus. Nyt.

Tässä artikkelissa tarkastelemme kestävästä kulutuksesta kokeilua, jossa kotitaloudet kokeilivat keinoja vähentää energiankulutusta kahdessa arkisessa käytännössä, lämmityksessä ja pyykinpesussa. Koska yhteisön tuen merkitystä kulutuksen muutoksessa on painotettu kirjallisuudessa, kokeilun tutkimusasetelmana oli vertailla kotitalouksien mahdollisuuksia muuttaa käytäntöjään joko yksinään tai osana kotitalouksista muodostettua yhteisöä. Kokeilu toteutettiin samanaikaisesti kahdeksassa eri maassa syksyllä 2018. Tässä artikkelissa analysoimme sitä, eroaako yhteisöllinen kokeilu käytäntöjen tai energian kulutuksen muutosten osalta yksilöllisestä kokeilusta, ja miten osallistujat kokivat yhteisöllisyyden yrittäessään muuttaa käytäntöjään. Tutkimuksemme perustuu laajaa määrällistä aineistoa sekä Suomea koskevaa laadullista aineistoa yhdistelevään lähestymistapaan kulutuskäytäntöjen muuttamisen mahdollisuuksista. Tutkimuksemme osoittaa, että yhteisöllinen ja yksilöllinen lähestymistapa voivat tuottaa erilaisia tuloksia. Syyt liittyvät yhteisöstä saatavaan vertaistukeen, sosiaaliseen oppimiseen ja mahdollisuuteen haastaa sosiaalisia normeja.

Sahakian, M., & Dobigny, L. (2019). From governing behaviour to transformative change: A typology of household energy initiatives in Switzerland. *Energy policy*, 129, 1261-1270. <https://doi.org/10.1016/j.enpol.2019.03.027>

Based on a study of fifty-one initiatives aimed at improving or reducing energy usage among Swiss households, we uncover what representations of change and forms of engagement are put forward by these initiatives, and the related policy implications. Two ideal-types emerge from our analysis: first, the dominant worldview of change as based on governing behaviour towards 'better' individual choices, made possible through rationalizing, evaluating, and awareness-raising. The second ideal-type involves representations of change based on recognizing the social embeddedness of practices and socio-technical systems. Initiatives that fall into this category seek to transform how everyday life plays out, in relation to energy services and systems of provision, while challenging dominant norms around individuals as central to change. In comparing the Swiss case to over 1,000 initiatives across Europe, we discuss what makes Switzerland a forerunner in relation to this second ideal type. Further, we assess how different forms of engagement are at play, involving the participation of diverse groups of people in initiative design and implementation, while aiming towards more durable, effective and innovative solutions – which we see as a subset of the two ideal types, and one that merits further study.

Sahakian, M., Rau H., & Wallenborn, G. (2019 – submitted under review). Making 'sustainable consumption' matter: the indoor microclimate as contested cultural artifact. *Cultural Sociology*.

This article sets out to demonstrate how a cultural reading of consumption that focuses on the materiality of domestic indoor microclimates can contribute to both conceptual developments in the field of practice theory that refocus attention on cultural influences, and normative intentions to reduce energy use in the home. Drawing on evidence collected during a research-led change initiative which encouraged people to lower the temperature in their homes to 18°C, over a four-week period and in the fall/winter, we use the heuristic device of "indoor microclimate as artifact" to emphasize how such an artifact is socially constructed, but also to describe how this new artifact leads to changes in everyday practices, with potential effects that may spill over into the public sphere – from home to workplace. By making the microclimate a tangible and visible thing, we describe how people appropriate and appreciate this new object of consumption, what it says

about different bodies in diverse and bounded spaces, and what the artifact as a commodity reveals about broader systems of heating and energy provision, and associated actors. Due to the increasing spread of central heating and the growing importance of complex technological devices to monitor and control indoor temperature, heating is no longer a practice in and of itself for many urban dwellers in Europe. However, when people appropriate the microclimate, new heating-related practices emerge that can lead to energy sufficiency. We thus argue that by deliberately 'materialising' domestic indoor microclimate as part of a change initiative, more sustainable forms of energy use can be made to matter.

Sahakian, M. et al. (to be submitted) Energy Living Labs for heating and laundry across eight European countries: challenging everyday practices

This paper presents the empirical findings of the European project, ENERGISE (H2020), focused on the main research question: In what way can Energy Living Labs contribute to changes in laundry and heating practices in the home? While most initiatives aimed at reducing or improving energy in the home have been dominated by efforts to improve individual behaviour or introduce more efficient technologies (Jensen et al 2018), ENERGISE takes as a starting point the importance of engaging everyday people in a deliberative process towards challenging collective conventions and designing for ruptures in everyday routines. Over several weeks in November and December 2018 and with a focus on laundry and heating, consortium partners rolled out living labs which involved 300 households in eight countries: Denmark, Finland, Germany, Hungary, Ireland, Switzerland, the Netherlands and the United Kingdom. Both qualitative and quantitative data analysis are combined to explain how and in what way changes in everyday practices occurred, and what changes took place in relation to energy reductions and savings. We begin by discussing our conceptual framework around social practice theory, then briefly introduce the research sites and living lab design. We then present key findings to uncover and discuss how changes occur in relation to practices, with an emphasis on the significance of challenging collective conventions, and on the potential for such initiatives to achieve sufficiency – or absolute reductions in energy usage combined with changes to everyday practices.

Vasseur, V., Marique, A. (2019) Households' Willingness to Adopt Technological and Behavioral Energy Savings Measures: An Empirical Study in The Netherlands. *Energies* **2019**, 12(22), 4294. <https://doi.org/10.3390/en12224294>

The aim of this paper is to investigate households' willingness to adopt technological and behavioral energy savings measures, in their dwellings and for daily mobility. Based on the evidence that occupants' behavior has a major impact on energy uses at home and on the road, this paper aims at investigating which determinants influence household preferences for energy-saving measures, both technical as well as behavioral ones, as well as highlighting the key determinants for adopting energy-savings measures, at the household scale. This paper will attempt to shed more light on the factors that may bridge the intention–behavior gap. The analysis is based on an empirical survey carried out in the Netherlands. Main results show that (1) behavioral energy saving measures are more acceptable than technical ones; (2) the adoption of energy savings measures at home is more likely than on the road; (3) there is a relatively small market for technical energy measures, especially through the initial investment and the low return on investment; (4) environmental aspects seem to be more important for relatively expensive technical energy measures; (5) the reason for taking technological energy measures is rather to be found in differences among socio-demographic background than in environmental concerns; and (6) comfort at home and on the road is an important explanatory variable that many respondents used to justify not implementing energy savings measures and should be investigated in further research.

Vasseur, V., Marique, A., Udalov, V. (2019) A Conceptual Framework to Understand Households' Energy Consumption. *Energies* **2019**, *12*(22), 4250.
<https://doi.org/10.3390/en12224250>

Households' energy consumption has received a lot of attention in debates on urban sustainability and housing policy due to its possible consequences for climate change. In Europe, the residential sector accounts for roughly one third of the energy consumption and is responsible for 16% of total CO₂ emissions. Households have been progressively highlighted as the main actor that can play a substantial role in the reduction of this energy use. Their behavior is a complex and hard to change process that combines numerous determinants. These determinants have already been extensively studied in the literature from a variety of thematic domains (psychology, sociology, economics, and engineering), however, each approach is limited by its own assumptions and often omits important energy behavioral components. Therefore, energy behavior studies require an integration of disciplines through interdisciplinary approaches. Based on that knowledge, this paper introduces a conceptual framework to capture and understand households' energy consumption. The paper aims at connecting objective (physical and technical) with subjective (human) aspects related to energy use of households. This combination provides the answers to the 'what', the 'how' and most importantly the 'why' questions about people's behavior regarding energy use. It allows clarifying the numerous internal and external factors that act as key determinants, as well as the need to take into account their interactions. By doing so, we conclude the paper by discussing the value of the conceptual framework along with valuable insights for researchers, practitioners and policymakers.

Wagemans, D., Scholl, C., Vasseur, V. (2019) Facilitating the Energy Transition—The Governance Role of Local Renewable Energy Cooperatives. *Energies* **2019**, *12*(21), 4171.
<https://doi.org/10.3390/en12214171>

The governance role of local renewable energy cooperatives (LRECs) in facilitating the energy transition remains under-scrutinized in the scholarly literature. Such a gap is puzzling, since LRECs are a manifestation of the current decentralization movement and yield a promising governance contribution to a 'just energy transition.' This paper presents a study of the governance roles of LRECs in the province of Limburg, the Netherlands. Building on existing work on the cooperative movement and energy governance, we, first, develop a conceptual framework for our analysis. The framework is built around three key interactions shaping these governance roles, between (1) LRECs and their (potential) members, (2) LRECs and the government and (3) LRECs with other LRECs. The results of an online survey and qualitative interviews with selected cooperatives led to the identification of five key governance roles that these cooperatives take up in the facilitation of the energy transition: (1) mobilizing the public, (2) brokering between government and citizens, (3) providing context specific knowledge and expertise, (4) initiating accepted change and (5) proffering the integration of sustainability. The paper concludes by reflecting on the relevance of our findings in this Dutch case for the broader 'just transition' movement.

PEER-REVIEWED CONFERENCE PAPERS

Jensen, C. L., & Friis, F. (2019). Experimenting with resource-intensive practices and related energy consumption levels. In *eceee Summer Study 2019. ECEEE Summer Study Proceedings*.
http://www.energise-project.eu/sites/default/files/content/1-116-19_Jensen.pdf

It is widely accepted that the well-being of humans and other species now and in future generations is vulnerable to the effects of climate change and that urgent mitigation measures are required (IPCC, 2014, 2018). Ecological and environmental crisis and severe resource depletion mandate a need for fundamental social change in systems of production and consumption (e.g.

COP 21, Paris Agreement). Despite significant efforts by the EU as well as national and municipal governments to reduce domestic energy consumption over the last 20 years, traditional problem framing (which has typically relied on a mix of rational consumer choice models, efficiency measures and information-based behavioral change theory) has failed to deliver anticipated reductions (e.g. EEA, 2013). New problem-framings are needed to understand and engage with the challenge of high levels of energy consumption. In the EU-funded research initiative ENERGISE, practice-theoretically inspired ways of understanding and challenging current resource intensive, domestic practices are developed and tested. This paper presents 1) the role of social scientific enquiry in developing such new ways of understanding and challenging resource intensive practices as well as 2) the role of related methods in rolling out experiments, which seek to reduce energy consumption accordingly. This paper discusses and exemplifies these dynamics by presenting the process of conducting ENERGISE 'Living Labs' involving Danish households to challenge their resource intensive practices related to home-heating and laundry routines.

Sahakian, M., Naef, P., Jensen, C., Goggins, G., & Fahy, F. (2019). Challenging conventions towards energy sufficiency: Ruptures in laundry and heating routines in Europe. *ECEEE 2019 Summer Study*.

https://aran.library.nuigalway.ie/bitstream/handle/10379/15274/Sahakian_et_al_2019_Challenging_conventions_towards_energy_sufficiency.pdf?sequence=1&isAllowed=y

This contribution proposes to address a central question in social science approaches to household energy studies: “how do conventions around energy services evolve, how do they alter over time, and how can they be changed once they are cemented?” (Sovacool 2014: 19). Drawing from a social practice theoretical framework, we posit that energy usage at the household level is tied up with forms of routinized and habitual activities in and across consumption domains, embedded in socio-cultural, and technical and material arrangements. We begin by proposing a definition of energy sufficiency which accounts not only for absolute reductions in resource usage, but also changes in everyday and habitual practices – which implies challenging collective conventions around energy usage in the home, as well as setting upper limits to consumption. Drawing from the ongoing ENERGISE research project (H2020), with its focus on laundry and heating, we then provide an overview of the literature on collective conventions related to these two consumption domains, noting the lack of a systematic review and easily accessible data. We follow with a review of over 1,000 initiatives aimed at reducing energy usage in the home or promoting renewables, relating these initiatives based on a typology that reflects our conceptual framework around the notion of ‘sufficiency’. We discuss how and why energy consumption continues to be framed in terms of individual action and technological change, often blind-sighted to social norms and collective conventions – necessary towards achieving the normative goal of sufficiency. In a fourth section, we outline the ENERGISE Living Lab approach, designed towards setting upper limits to consumption and engaging households in a participative process towards creating ruptures in everyday routines – with an explicit focus on collective conventions. On this basis, we conclude with a discussion around the need for further developments around conspicuous and symbolic consumption, towards amplifying social change. We consider the opportunities that this represents, and how such an approach to uncovering, contesting and amplifying challenges to collective conventions can be relevant to practitioners and policy-makers alike.

Vadovics, E., & Živčič, L. (2019) Energy sufficiency: are we ready for it? An analysis of sustainable energy initiatives and citizen visions. *ECEEE 2019 Summer Study*.

http://energise-project.eu/sites/default/files/content/1-312-19_Vadovics.pdf

The aim of this paper is to bring together knowledge and experience about energy sufficiency from two European projects. On the one hand, relying on a database of sustainable energy initiatives we investigate whether the concept of energy sufficiency is present in projects designed to make

energy consumption more sustainable. On the other hand, based on an analysis of visions created by citizens, we explore whether energy sufficiency, or sufficiency in general, appears in citizen visions of a sustainable future. The paper starts by defining energy sufficiency, or more accurately, 'energy sufficiency within limits' that the authors describe as consumption that ensures that everyone has access to a sufficient amount of energy to satisfy their basic needs in a way that respects the ecological limits of the planet. Thus, energy sufficiency is understood as connecting the need to limit energy consumption with the need to make consumption and distribution more just, hence also introducing the concept of energy justice into the analysis. Then, an analysis of the ENERGISE database of more than 1,000 sustainable energy consumption initiatives (SECIs) from 30 European countries is introduced, using an energy sufficiency framework. This is followed by a study of citizen visions from the CIMULACT project. CIMULACT developed a participatory methodology that involved more than 1,000 citizens from 30 European countries in a consultation process during which visions of a desirable future were created. These citizen visions are analyzed from the point of view of sufficiency: namely, does the latter term (or similar terms) appear? If yes, in which contexts, and in relation to which objectives? What, if any, are the aspects that are currently missing? The paper closes with reflections on what the findings from the analysis mean for putting energy sufficiency more firmly on the research, action and policy agenda

BOOKS AND BOOK CHAPTERS

Fahy, F., Goggins, G., & Jensen, C. (eds.) (2019) *Energy Demand Challenges in Europe*. Palgrave Pivot, Cham.
<https://doi.org/10.1007/978-3-030-20339-9>

This open access book examines the role of citizens in sustainable energy transitions across Europe. It explores energy problem framing, policy approaches and practical responses to the challenge of securing clean, affordable and sustainable energy for all citizens, focusing on households as the main unit of analysis. The book revolves around ten contributions that each summarise national trends, socio-material characteristics, and policy responses to contemporary energy issues affecting householders in different countries, and provides good practice examples for designing and implementing sustainable energy initiatives. Prominent concerns include reducing carbon emissions, energy poverty, sustainable consumption, governance, practices, innovations and sustainable lifestyles. The opening and closing contributions consider European level energy policy, dominant and alternative problem framings and similarities and differences between European countries in relation to reducing household energy use. Overall, the book is a valuable resource for researchers, policy-makers, practitioners and others interested in sustainable energy perspectives.

Fahy, F., & Goggins, G. (2019). An Introduction to Energy Demand Challenges in Europe. In *Energy Demand Challenges in Europe* (pp. 1-7). Palgrave Pivot, Cham.
https://doi.org/10.1007/978-3-030-20339-9_1

This opening chapter calls for greater attention to energy demand challenges in Europe. It argues that many obstacles and opportunities in achieving the so-called energy transition are social and cultural in nature and require interdisciplinary solutions that go beyond efficiency approaches. We provide an overview of the ENERGISE project that aims to achieve greater understanding of the social and cultural influences on household energy use, and to develop appropriate responses and recommendations for policy-makers, practitioners and future academic research. The chapter concludes with a brief summary of the structure of this book, including an introductory overview of how energy demand challenges are understood, and how this relates to the types of solutions that are proposed in each of the ten European countries studied.

Jensen, C., Røpke, I., Goggins, G., & Fahy, F. (2019). Framing the Sustainable Energy Challenge and Implications for Solutions. In *Energy Demand Challenges in Europe* (pp. 9-19). Palgrave Pivot, Cham.
https://doi.org/10.1007/978-3-030-20339-9_2

Sustainable consumption policies often rely on ecological modernisation rationality, where the focus is usually on making current consumption patterns more sustainable in such a way that status quo (ideas about the quality of life and growth) is not challenged. As a result, sustainable energy policies tend to black box the demand-side, often resulting in abstracting efficiency strategies from the social organisation within which the strategies and resulting solutions unfold. Rebound effects and other unintended consequences often happen as a result of this type of efficiency strategies. This chapter introduces alternative problem framings that may offer a way to mitigate rebound effects by addressing and challenging a wider set of socio-material, cultural and institutional aspects of energy demand.

Grealis, E., Musch, A. K., & Rau, H. (2019). The Impact of German Energy Policy on Household Energy Use. In *Energy Demand Challenges in Europe* (pp. 21-33). Palgrave Pivot, Cham.
https://doi.org/10.1007/978-3-030-20339-9_3

This chapter reviews current energy policy and civil society efforts to achieve the targets set out for Germany's *Energiewende* (Energy Transition), with a specific focus on their impact on household energy use. The existing energy governance structure, conflicting energy policy commitments, and the emergence of public resistance to renewable infrastructure are identified as significant challenges for national-level policy. At the household level, the dominance of efficiency and smart choice solutions and the pressure to maintain traditional patterns of consumption are identified as key limiting factors in an effort to deliver real reductions in household energy use.

Røpke, I., Jensen, C., & Quitzau, M. B. (2019). The Role of Households in Danish Energy Policy: Visions and Contradictions. In *Energy Demand Challenges in Europe* (pp. 35-46). Palgrave Pivot, Cham.
https://doi.org/10.1007/978-3-030-20339-9_4

This chapter outlines the transformation of the Danish energy system from the oil crises in the 1970s to the present challenges. Energy policies have ensured a successful implementation of district heating based on combined heat and power and high penetration of wind power in the electricity system, but also substantial dependence on the use of biomass. The transformations have concentrated mainly on the supply side, where the involvement of households has been somewhat scattered. Turning to the future challenge of decarbonization, more focus on the demand side is needed, including energy savings and the electrification of mobility and heating. In this process, households may need to be involved differently. An innovative example of multi-actor engagement in energy renovation of private homes is presented.

Goggins, G., Fahy, F., & Heaslip, E. (2019). Reducing Residential Carbon Emissions in Ireland: Challenges and Policy Responses. In *Energy Demand Challenges in Europe* (pp. 47-57). Palgrave Pivot, Cham.
https://doi.org/10.1007/978-3-030-20339-9_5

Carbon emissions from the residential sector in Ireland are higher than the European average and are rising. This is a concern in a country already struggling to meet its agreed climate targets. In this chapter, the authors highlight key trends that underpin household energy use in Ireland and undertake a critical examination of related energy policy, with particular attention to the role of the consumer. They find a broad objective to place the consumer at the forefront of Ireland's energy

transition, but specific detail of how complex social and technical changes will be realised are lacking. The chapter concludes with a case study demonstrating how sustainable energy initiatives can bring together multiple actors with the common aim to address fuel poverty and lower carbon emissions.

Iskandarova, M., & Genus, A. (2019). UK Responses to the Energy Challenge: Dominant Framings and New Imaginaries. In *Energy Demand Challenges in Europe* (pp. 59-69). Palgrave Pivot, Cham.

https://doi.org/10.1007/978-3-030-20339-9_6

The chapter identifies dominant framings of contemporary energy challenges and possible responses in relation to developments in the UK. It summarises national trends in energy consumption and the material, societal and policy factors that influence them. Examples are provided of energy campaigns and sustainable energy consumption initiatives that illustrate different problem framings of energy challenges. A 'good practice' example of a UK initiative that involves changes in complex interactions demonstrates the value of the complex approach that targets energy use along with other aspects of sustainable living. The chapter concludes by pointing to an alternative framing and imaginary that could tackle climate change more effectively.

Backhaus, J. (2019). Turning off the Gas Tap: Sustainable Energy Policies, Practices and Prospects in the Netherlands. In *Energy Demand Challenges in Europe* (pp. 71-81). Palgrave Pivot, Cham.

https://doi.org/10.1007/978-3-030-20339-9_7

This chapter describes efforts to transition to more sustainable ways of living in the Netherlands. Backhaus captures the status quo of Dutch sustainable energy policies and projects in clarity and brevity, suggesting that prospects to live up to the commitment made in the Paris Agreement are dim. The Perspective project, a major, yet not well-known Dutch research programme in the 1990s discussed as best-practice example, suggests that substantial change is possible. Like most past and current sustainability efforts, the Perspective project focused on individual behaviour change. It qualifies as best-practice example by demonstrating that living well, healthy and sustainably can go hand-in-hand. Marking the Dutch cycling culture as an example, Backhaus proposes that, rather than targeting individuals, future sustainable energy policies and programmes should best address infrastructures, social norms and collectives.

Vadovics, E. (2019). The Energy Challenge in Hungary: A Need for More Complex Approaches. In *Energy Demand Challenges in Europe* (pp. 83-94). Palgrave Pivot, Cham.

https://doi.org/10.1007/978-3-030-20339-9_8

Vadovics first describes the motivations behind and objectives for energy policy in Hungary. This is followed by an overview of sustainable household energy consumption initiatives, and their classification according to the ENERGISE problem framing typology. It is shown that although the initiatives are very diverse, they are dominated by those focusing on individual behaviour and technology change. Then, one of the initiatives, a local climate club, is introduced and analyzed. It is described how complex initiatives, including small group-based ones, can support change towards, and create capacities for, more sustainable energy use. The chapter then concludes with policy conclusions relevant to both Hungary and Europe.

Živčič, L., & Tkalec, T. (2019). Slovenia: Focus on Energy Efficiency, Community Energy Projects and Energy Poverty. In *Energy Demand Challenges in Europe* (pp. 95-104). Palgrave Pivot, Cham.

https://doi.org/10.1007/978-3-030-20339-9_9

Slovenia has a small energy sector, where oil (45%) represents the main energy source. Electricity generation is equally divided between hydropower, nuclear energy and coal. Trends in energy policy go in the direction of maintaining status quo. A significant percentage of households live in energy poverty due to combination of low energy efficiency of buildings, high ownership rates, and low incomes. The Sustainable Energy Consumption Initiatives (SECI) reviewed in this chapter are generally ahead of the trends in national energy policies. The progressive nature of many SECI is evident in the field of energy efficiency and diversity of effective approaches, in particular in the cases of community renewable energy initiatives and the problem of energy poverty. Policy-makers still do not fully appreciate the relevance of these areas for a sustainable transition. Especially in areas of community energy and energy poverty, SECI provide recommendations to decision-makers on how to proceed in dealing with these issues.

Dobigny, L., & Sahakian, M. (2019). From Efficiency to Sufficiency: Insights from the Swiss Energy Transition. In *Energy Demand Challenges in Europe* (pp. 105-114). Palgrave Pivot, Cham. https://doi.org/10.1007/978-3-030-20339-9_10

In the wake of the Fukushima nuclear disaster, the Swiss 2050 Energy Strategy aims to promote energy efficiency, renewable energy (RE) sources, and nuclear power phase-out. Against that backdrop, this chapter provides a brief overview of the socio-material dynamics of household energy use in Switzerland, highlighting the role of regional energy providers, and the influence of building standards and social norms on everyday energy usage. We then examine current energy policies, before turning to the characteristics of Swiss sustainable energy initiatives—highlighting the important role of research—and focus on a best practice effort to support sufficiency-based transformations. We conclude with some reflections on the importance of focusing on sufficiency, rather than efficiency, in the framing and design of energy initiatives aimed at households.

Hajdinjak, M., & Asenova, D. (2019). Sustainable Energy Consumption and Energy Poverty: Challenges and Trends in Bulgaria. In *Energy Demand Challenges in Europe* (pp. 115-126). Palgrave Pivot, Cham. https://doi.org/10.1007/978-3-030-20339-9_11

The chapter provides a short overview of the sustainable energy consumption challenges in the Bulgarian residential sector, with a special focus on the issue of energy poverty. The chapter first looks at the main characteristics of the household energy consumption (energy mix, use of renewables, socio-material factors) and then summarises the relevant information about the Bulgarian energy system and energy policies. The authors discuss the most important findings from the review of sustainable energy consumption initiatives (SECI) involving Bulgarian households and present a good practice example of one such initiative (European Citizens Climate Cup [ECCC]). The conclusion of the chapter considers why Bulgarian households rarely take measures aimed at increasing their energy efficiency.

Heiskanen, E., Laakso, S., & Matschoss, K. (2019). Finnish Energy Policy in Transition. In *Energy Demand Challenges in Europe* (pp. 127-136). Palgrave Pivot, Cham. https://doi.org/10.1007/978-3-030-20339-9_12

In Finland, energy policy is in transition towards integrating energy projects in broader sustainability, liveability and innovation contexts. While energy saving has been pursued for decades, it is now part of a broader tendency in urban planning to promote sustainable lifestyles. Transition manifests in local actors' redistribution of power, challenging conventional ways of infrastructure development, forging new networks, and seeking novel solutions. The experimental case presented in the chapter, Smart Kalasatama, shows that local governments are close to

citizens and, therefore, can influence the conditions for sustainable consumption and quality of life. Although they have an important role in energy policy, they still might lack the resources, expertise and the power to innovate, to evaluate projects, and in particular, to scale up innovative practices.

Naef, P., Sahakian, M., & Goggins, G. (2019). Conclusion: Comparing Household Energy Use Across Europe—Uncovering Opportunities for Sustainable Transformation. In *Energy Demand Challenges in Europe* (pp. 137-152). Palgrave Pivot, Cham.

https://doi.org/10.1007/978-3-030-20339-9_13

This chapter considers the similarities and differences between ten European countries in relation to meso-level considerations when it comes to household energy usage. We uncover the governing frameworks and policies related to energy usage, then examine socio-demographic characteristics including housing tenure and location. Next, we consider the energy mix and material arrangements, such as building stocks, before turning to climatic considerations and the cost of energy. The conclusion highlights the importance of embedding energy usage in socio-material systems, tackling questions related to collective conventions, for example, as well as notions of sufficiency. While the policy and technological dimensions of energy distribution are easier to account for in country reviews, the collective conventions that hold together everyday practices that use energy services would merit further study.

Genus, A., Fahy, F., Goggins, G., Iskandarova, M., & Laakso, S. (2018). Imaginaries and practices: Learning from 'ENERGISE' about the integration of social sciences with the EU Energy Union. In *Advancing energy policy* (pp. 131-144). Palgrave Pivot, Cham.

https://link.springer.com/chapter/10.1007/978-3-319-99097-2_9

This chapter aims (1) to identify problematic framings relating to the integration of Social Sciences and Humanities (SSH) research with the developing EU Energy Union and (2) to account for the practice of SSH-related energy policy integration with regard to the disciplines, actors, initiatives and processes involved. It articulates an imaginary of SSH and policy integration prevalent in Horizon 2020 funding calls relating to the EU Energy Union, which prefigures what is asked of SSH. Implications of this imaginary for the framing, substance and process of energy policymaking and the role of SSH research therein are discussed. An alternative imaginary is depicted, based on reflection on 'European Network for Research, Good Practice and Innovation for Sustainable Energy' (ENERGISE), a three-year, pan-European Horizon 2020-funded project being undertaken by the authors and other partners. The conclusion identifies priorities which need to be addressed in future Horizon 2020-funded research, centring on further probing of alternative imaginaries of, and approaches to, eliciting energy policy integration of SSH.

Heiskanen, E., & Laakso, S. (2019). Editing out unsustainability from consumption: From information provision to nudging and social practice theory. In *A Research Agenda for Sustainable Consumption Governance*. Edward Elgar Publishing.

<https://doi.org/10.4337/9781788117814.00020>

This book chapter illustrates the journey from 'mainstream paradigms' of studying and steering consumption towards sustainability (Keller et al., 2016), to the critique of these approaches, and the latest ideas on how to make consumption more sustainable.

Heiskanen, E., Matschoss, K., Laakso, S. & Apajalahti, E.-L. (2019) A critical review of energy behaviour change: The influence of context. In Lopes M., Henggeler Antunes C. & Janda, K. B.(Eds). *Energy and Behaviour. Towards a Low-Carbon Future*. Elsevier.

ISBN: 9780128185674.

In this chapter we study existing research evidence concerning behaviour change interventions aiming to support energy conservation. We make a review of meta-analyses and systematic reviews and evaluate how context is taken into account in the most popular intervention types, such as convenience, information, feedback and social influence. Drawing on the perspective of realistic evaluation, we explore how organizational and geographical context as well as practice-as-context are likely to influence intervention outcomes. We conclude with suggestions for how to better address contextual factors in sustainable energy interventions.

LIST OF PRESENTATIONS

Ludwig-Maximilians-Universität München (LMU München)				
Name	Date	Title	Location	Description
Henrike Rau	1 st December 2017	Understanding practice cultures: Conceptual and methodological considerations	ENERGISE meeting and expert workshop, Helsinki, Finland	Workshop presentation
Henrike Rau	20 th December 2017	Researching practice cultures	LMU Munich	Presentation for ENERGISE-INOLA conceptual framework development workshop
Henrike Rau	19 th April 2018	Doing more with less? Critical Approaches to Sustainable Consumption	Rachel Carson Centre	Presentation as part of the Rachel Carson Centre's 2018 Lecture series.
Henrike Rau	30 th May 2018	Alltagspraktiken & Energieverbrauch in Haushalten	LMU Munich	Research Colloquium Presentation at the Institute for Sociology, LMU Munich.
Eoin Grealis	14 th June 2018	Catching the Rebound; a practice perspective on household energy use.	Berlin	Leibniz Institute Breaking the Rules conference (June 14-15 th Berlin)
Eoin Grealis & Henrike Rau	30 th June 2018	Title: Researching New Opportunities for Reducing Domestic Energy Consumption in Europe: A practice Culture Approach	Copenhagen	SCORAI conference June (27 th -30 th)
Eoin Grealis	14 th July 2018	Title: Researching New Opportunities for Reducing Domestic Energy Consumption in Europe: A practice Culture Approach	Toronto	ISA World Congress of Sociology RC24 (Environment and Society) committee pre-conference
Eoin Grealis	17 th July 2018	Title: Revisiting the Rebound Effect: practice perspectives on Current and Future Energy Demand	Toronto	ISA World Congress of Sociology- RC56 (Historical Sociology and RC07 (Futures research)
Eoin Grealis & Annika Musch	19 th Sept 2018	ENERGISE Overview and Problem Definition	LMU Munich	Seminar
Eoin Grealis & Annika Musch	19 th Sept 2018	ENERGISE Conceptual Framework	LMU Munich	Seminar
Henrike Rau	26 th June 2019	Kultur- und Tagungszentrum Murnau Vorstellung des Projektes ENERGISE (Project overview	Murnau, Bayern	Abschlusspräsentation des ENERGISE-Projektes (End of Project event for Germany)

Eoin Grealis	26th June 2019	Präsentation der Quantitative Projektergebnisse für ENERGISE (Presentation of Quantitative Results)	Kultur- und Tagungszentrum Murnau, Bayern	Abschlusspräsentation des ENERGISE-Projektes (End of Project event for Germany)
Annika Musch	26th June 2019	Präsentation der Qualitative Projektergebnisse für ENERGISE (Presentation of Qualitative Results)	Kultur- und Tagungszentrum Murnau, Bayern	Abschlusspräsentation des ENERGISE-Projektes (End of Project event for Germany)
Eoin Grealis	15th October 2019	The benefits of a practice-based approach	UPC, Barcelona	Oral Presentation at ENERGISE final conference
Eoin Grealis	16th October 2019	Perceptions of Sustainable Consumption	UPC, Barcelona	19th European Roundtable on Sustainable Consumption and Production – Circular Europe for Sustainability: Design, Production and Consumption,
Eoin Grealis	17th October 2019	Temperature Rising: Capturing the long-term effects of a living lab initiative to change domestic heating practices	UPC, Barcelona	19th European Roundtable on Sustainable Consumption and Production – Circular Europe for Sustainability: Design, Production and Consumption,
Matthias Garschagen	13th November 2019	Klimawandel geht uns alle an!	Maisach, Bayern	Public Discussion Forum on Climate Issues with ENERGISE project featured

Aalborg University (AAU)				
Name	Date	Title	Location	Description
Charlotte Jensen	13th December 2016	ENERGISE	AAU DIST, Academic Brown-bag Seminar	Presented ENERGISE (overview of project) to colleagues at internal seminar (but across departments).
Charlotte Jensen	22nd June 2017	Intervening in Energy Consumption: Learning from Initiatives across countries, sites and cultural dynamics	Lancaster, UK (IFS/DEMAND event)	Presented the methodological and theoretical work that has gone into the WP2 Datacollection phase, as well as ENERGISE in general. Presented to a small group of people from IFS/DEMAND at Lancaster University-
Charlotte Jensen	26th June 2017	Intervening in Energy Consumption: Learning from Initiatives across countries, sites and cultural dynamics	GSI Anglia Ruskin University	Presented the methodological and theoretical work that has gone into the WP2 Data collection phase, as well as ENERGISE in general. Presented to colleague at GSI at Anglia Ruskin University In

				Cambridge, with an eye to tying connections between SHAPE ENERGY and ENERGISE.
Charlotte Jensen, Marlyne Sahakian, Audley Genus	28th June 2017	ENERGISE Session at GRF conference	Brighton, UK (SPRU)	Organized ENERGISE session with ENERGISE partners Marlyne Sahakian and Audley Genus. We presented ENERGISE as an introduction, and 6 presentations were given on various perspectives on energy use and transition. The session was successful and we gained multiple insights for further work in ENERGISE.
Charlotte Jensen	14th December 2017	“Lessons Learned from ENERGISE: Categorizing Sustainable Energy Consumption Initiatives (SECIs) across Europe – variations in problem framings and corresponding types of interventions”	AAU	Presentation of practice theoretical implications of typology development and findings of WP2.
Charlotte Jensen, Gary Goggins, Inge Røpke, Frances Fahy	12th June 2018	Achieving sustainability transitions in residential energy use across Europe: Do problem framings within existing initiatives match current and future needs?	Conference article and presentation IST 2018 in Manchester	Conference presentation of draft paper on typologies
Inge Røpke, Charlotte Jensen	28th June 2018	Reducing the heated dwelling space in Denmark – a dynamic and challenging puzzle	Conference article and presentation at SCORAI 2018 in Copenhagen	Conference presentation of draft paper
Charlotte Jensen and Freja Friis	23rd May 2019	ELL results	Roskilde Municipality	Presentation of ELL results for a wider audience (business, industry, policy and householders)
Charlotte Jensen	14th June 2019	Handlerummene for at reducere energiforbruget i hjemmet	Folkemødet (in Denmark, at Bornholm)	Folkemødet is an annual ‘Peoples Meeting’, where Charlotte presented experiences with methods and results from ELLs.
Inge Røpke, Charlotte Jensen	20th June 2019	Dwelling space in Denmark: Approaching sufficiency?	13th Conference of the European Society for Ecological Economics, June 2019, Turku	ENERGISE related paper presented, on dwelling space, size, heating and finance.
Charlotte Jensen, Marko Hajdinjak and Lidija Živčič	15th of October 2019	WP2: European Sustainable ENERGY Consumption Initiatives	ENERGISE Final Event, Barcelona	Presentation of WP2 of ENERGISE – process and outcomes

University of Helsinki (UH)				
Name	Date	Title	Location	Description
Eva Heiskanen	21 st March 2017	Hajautetun, uusiutuvan energian potentiaali Helsingissä? (potential for distributed and renewable energy in Helsinki)	City of Helsinki "White Hall"	The Finnish ENERGISE team was one of the co-organizers of this event, with expert presentations and a panel for local politicians.
Eva Heiskanen and Kaisa Matschoss	07 th June 2017	Local climate experiments balancing between broader learning goals and local improvements	NESS 2017 Conference, Tampere, Finland	
Senja Laakso	07 th June 2017	A practice approach to local culture of experimentation. A participant perspective to interventions in everyday life	NESS 2017 Conference, Tampere, Finland	
Senja Laakso	28 th June 2017	Experimental governance and household energy use. Experiences from local experiments in Finland	GRF Conference, Brighton, UK	
Senja Laakso	31 st August 2017	Experimental governance and everyday practices	ESA Conference, Athens	
Eva Heiskanen	03 rd November 2017	ENERGISE	Helsinki	Presenting the project in a meeting with the Finnish Innovation Fund Sitra
Eva Heiskanen	23 rd November 2017	Social Practices as units of analysis: implications for the assessment of products and technologies	Chalmers University of Technology, Gothenburg, Sweden	Seminar of the environmental systems analysis group
Senja Laakso	24 th November 2017	Everyday practices and energy use	Center for Consumer Research, University of Gothenburg, Gothenburg, Sweden	Presentation about the project in Nordic Consumption practices workshop
Heiskanen, E.	16 th January 2018	Kotitaloudet sähkön käyttäjinä (Households as Electricity Users)	National Energy Authority	Presentation at National Energy Authority seminar What's New in Renewable Energy
Heiskanen, E.	26 th January 2018		University of Helsinki	Presentation at HELSUS (Helsinki Sustainability Science Centre) launch event
Laakso, S.	20 th February 2018	Pitäisikö kuluttajaa syyllistää ilmastosta enemmän vai vähemmän?	Helsinki	Podcast at https://www.vihrealanka.fi/podcast

Laakso, S.	22 nd February 2018	Energiakulttuurien ja -käytäntöjen tutkimus, esimerkkinä ENERGISE-hanke	University of Helsinki	Presentation at the Brown Bag seminar of the Consumer Society Research Centre
Eva Heiskanen	21 st May 2018	Scaling up sustainable citizen initiatives: the role of social mobilization and opportunity structures of the institutional environment	Politics and ethics of consumption workshop, University of Helsinki	Slideshow presentation
Eva Heiskanen	03 rd May 2018	Experiences from being a H2020 partner	H2020 application info event, University of Helsinki	Slideshow presentation
Senja Laakso	09 th May 2019	What is clean and comfortable? Understanding and challenging conventions in daily lives.	Presentation at Sustainability Science Days, University of Helsinki	Presentation slides
Senja Laakso	13 th March 2018	Studying Energy cultures and practices – ENERGISE project	Sitra, Finnish Innovation Fund, workshop with Sitra Resource-Wise Citizen group	Slideshow presentation
Eva Heiskanen	13 th June 2018	Can citizen practices change energy systems?	Keynote talk at ENERGIZING FUTURES Conference, Tampere	Slideshow presentation
Eva Heiskanen, Kaisa Matschoss, Senja Laakso	30 th June 2018	Experiences from being a H2020 partner	SCORAI conference, Copenhagen	Slideshow presentation, paper distributed to session participants
Kaisa Matschoss & Julia Backhaus	4 th September 2018	Real-world laboratories for the reduction of residential energy use	Fourth Energy and Society Conference: Energy transitions in a divided world, Exeter, UK	Slideshow presentation
Eva Heiskanen	18 th October 2018	Can citizen practices change energy systems?	Keynote talk at NORDIC ENERGY FORUM, Tampere	Slideshow presentation
Kaisa Matschoss	22 nd November 2018	YHYS autumn colloquium	A practice-based living lab as an intervention for the redesign of socio-technical systems toward sustainability	Slideshow presentation
Heiskanen Eva	24 th January 2019	Tutkimus ja tulevaisuuden tarpeet (Research and future needs)	Energy efficiency committee, sub-committee on Consumers	Slideshow presentation
Heiskanen Eva	04 th February 2019	Kuluttajat mukaan ilmastonmuutosta torjumaan: miten? (How to engage consumers in combating climate change?)	WWF staff breakfast event	Slideshow presentation

Laakso Senja	27 th February 2019	ENERGISE – Kohti kestäväää energiankulutusta kotitalouksissa (ENERGISE – Towards sustainable energy consumption in households)	Kalasadama Urban Lab Day	Slideshow presentation and ENERGISE stand at the event
Heiskanen Eva	28 th February 2019	Mikä on kulutuksen rooli ilmastokriisin ratkaisemisessa? (What is the role of consumption in solving the climate crisis?)	Think Company event for bloggers	Slideshow presentation
Laakso Senja, Eeva-Lotta Apajalahti	27 th March 2019	ENERGISE kohti Kestäväää energiankulutusta kotitalouksissa	Kalasadama Urban Lab Day	Slideshow presentation and ENERGISE stand at the event
Senja Laakso	04 th April 2019	Kohti kestäväää energiankäyttöä kotitalouksissa – kokemuksia ENERGISE-hankeesta	Energianeuvonnan vuosipäivä, organiset by MOTIVA	Slideshow presentation
Eeva-Lotta Apajalahti	28 th May 2019	Intervening in household practices to change energy consumption	Dynamics of change: Novel approaches to energy consumption, University of Helsinki	Slideshow presentation
Eva Heiskanen	06 th May 2019	Promoting learning from pilots and experiments?	Presentation at ZEN Centre Trondheim, 6.5.2019	Slideshow presentation
Eva Heiskanen	29 th May 2019	Kokeiluista muutokseen	Valtioneuvoston kanslia, Kestävän kehityksen tila ja tulevaisuus-seminaari	Slideshow presentation
Kaisa Matschoss	24 th April 2019	Practice-based living labs: potential for redesigning socio-technical systems	State of the Art and Future Directions seminar, Sustainability Transition Studies Seminar, Aalto University	Slideshow presentation
Eva Heiskanen	16 th July 2019	Paluu tulevaisuuteen – miten energia näkyy asukkaiden arjessa 2030 (Return to the future – how is energy visible in residents' everyday life in 2030)	Suomi Areena, Pori	Programme online and web page saved. No slides were allowed.
Senja Laakso	14 th June 2019	Practice-based living labs as catalysts for sustainability transitions	Presentation at Nordic STS Conference, Tampere	Presentation slides
Eeva-Lotta Apajalahti, Senja Laakso and Kaisa Matschoss	13 th June 2019	How context matters in energy related interventions?	Presentation at Nordic STS Conference, Tampere	Presentation slides
Senja Laakso	20 th June 2019	What is clean and comfortable? Understanding and challenging conventions in daily lives.	Presentation at ESEE Conference, Turku	Presentation slides

Senja Laakso (with Laurence Godin and Marlyne Sahakian)	21 st August 2019	Doing laundry in consumption corridors: Conceptualising social change in relation to practice theory and wellbeing	Presentation at ESA Conference, Manchester	Presentation slides
Senja Laakso	15 th October 2019	Upscaling ENERGISE Living Labs and user community – introduction to ELL tools and methodology	Presentation at the ENERGISE Final Conference	Presentation slides
Senja Laakso (with Charlotte Jensen, Edina Vadovics et al.)	17 th October 2019	Towards sustainable and sufficient energy consumption: Challenging heating-related practices in Denmark, Finland and Hungary.	Presentation at ERSCP conference, Barcelona	Presentation slides
Eeva-Lotta Apajalahti (with Senja Laakso, Eva Heiskanen, Kaisa Matschoss, Frances Fahy)	19 th October 2019	Practice-based living labs: potential for redesigning socio-technical systems	Presentation at ERSCP conference, Barcelona	Presentation slides
Eeva-Lotta Apajalahti (with Senja Laakso, Eva Heiskanen, Kaisa Matschoss)	29 th October 2019	Co-production of knowledge on everyday life – experiences from the ENERGISE project	Presentation at STN seminar; Helsinki	Presentation slides
Eeva-Lotta Apajalahti	14 th November 2019	Empowered citizens for decarbonized and circular energy solutions	Introduction to SET-plan workshop, Helsinki	Presentation slides

Maastricht University (UM)				
Name	Date	Title	Location	Description
Backhaus, J.	2 nd May 2017	ENERGISE@Dune-Works WorkShop	Glasgebouw, Strijp-S, Eindhoven	Workshop to discuss WP3 template and exchange project news (DuneWorks is involved in Shape Energy)
Backhaus, J.	30 th June 2017	Presentation on PhD progress	ICIS office	Presentation of ENERGISE in the context of internal meeting on ICIS research
Backhaus, J.	24 th Oct 2017	<i>Intervention / initiative > potato / potahto?</i> Prototyping Interventions in Home Energy use	ICIS office	Presentation of ENERGISE at an international workshop (STS, intervention as a mode of research)
Backhaus, J.	7 th Feb 2018	ENERGISE project	Brussels	Poster presentation at decarbonisation project networking workshop
Backhaus, J.	8 th June 2018	ENERGISE project	Maastricht	Presentation for delegation of Chinese researchers on the occasion of HEEC project meeting (organised by V. Vasseur, hosted by prof. R. Kemp)

Vasseur, V	11th April 2019	ENERGISE project	Maastricht	Presentation on the occasion of WoF project
Vasseur, V	11th October 2019	ENERGISE project	Maastricht	Presentation on Dutch Sustainability Day
Vasseur, V	15th October 2019	Implementing ENERGISE Living Labs – Working with participants and local stakeholders	Presentation at the ENERGISE Final Conference	Presentation slides

University of Geneva (UNIGE)				
Name	Date	Title	Location	Description
Marlyne Sahakian (UNIL)	6th February 2017	Introducing ENERGISE	EDF Paris (French utility company)	Presentation introducing ENERGISE
Marlyne Sahakian (UNIL)	27th February 2017	Introducing ENERGISE	Terragir (community organization, Geneva)	Presentation introducing ENERGISE
Marlyne Sahakian (UNIL)	28th February 2017	Introducing ENERGISE	FRC (consumer interest group, Lausanne)	Presentation introducing ENERGISE
Marlyne Sahakian and Laure Dobigny (UNIL)	07th March 2017	UNIGE Energy Group meeting	Geneva, CH	Oral Presentation
Marlyne Sahakian (UNIL)	24th March 2017	Eurosearch Energy conference	Lausanne, CH	Oral Presentation
Laure Dobigny (UNIL)	13th June 2017	Industrial Ecology Group, IDYST, UNIL	Lausanne, CH	Oral Presentation
Laure Dobigny (UNIL)	22nd June 2017	Swiss sociological society annual conference	Zurich, CH	Oral Presentation
Marlyne Sahakian (UNIL)	28th June 2017	GRF conference	Brighton UK	Oral presentation
Marlyne Sahakian (UNIL)	30th June 2017	EU calculator lifestyle consultation	Brighton UK	Oral presentation
Dobigny Laure (UNIL)	31st August 2017	European Sociological Association (ESA)	Athens, GR	Oral presentation

Dobigny Laure and Marlyne Sahakian (UNIGE)	06th October 2017	IRS UNIGE / Canton of Geneva	Geneva, CH	Oral Presentation
Sahakian, Marlyne and Laure Dobigny (UNIGE)	26th October 2017	INNOGOV H2020 Workshop	Bordeaux, France	Oral Presentation
Sahakian, Marlyne (UNIGE)	09th November 17	Rencontres de l'OCEN (Cantonal Energy Workshop)	Geneva, CH	Oral Presentation
Sahakian, Marlyne and Dobigny Laure (UNIGE)	27th November 2017	City of Meyrin	Geneva, CH	Oral Presentation
Marlyne Sahakian and Laure Dobigny (UNIGE)	14th December 2017	Transdisciplinary Lab, ETH Zurich	Zurich, CH	Oral Presentation
Marlyne Sahakian and Laure Dobigny (UNIGE)	15th January 2018	OCEN (Cantonal energy office)	Geneva, CH	Oral Presentation
Laure Dobigny (UNIGE)	30th January 2018	European Energy Transition Conference (Assises européennes de la transition énergétique)	Geneva, CH	Workshop and Presentation
Marlyne Sahakian and Laure Dobigny (UNIGE)	31st January 2018	European Energy Transition Conference (Assises européennes de la transition énergétique)	Geneva, CH	Presentation and Workshop
Marlyne Sahakian (UNIGE)	01st February 2018	Energy sufficiency workshop organized by the eceee	Geneva, CH	Participation in workshop
Dobigny, Laure	26th April 2018	Déjeuners sociologiques, University of Geneva	Geneva, CH	Presentation
Laure Dobigny (UNIGE)	04th June 2018	« Quelle culture technique dans l'usage des énergies renouvelables et initiatives locales de transition énergétique ? », Septième journée de l'atelier "Habiter la transition", Réseau Approches Critiques du Développement Durable, CNRS	Paris, FR	Presentation
Marlyne Sahakian and Laure Dobigny (UNIGE)	06th June 2018	City-research workshop (in partnership with ETH Zurich)	Montreux, VD	Presentation and Workshop
Marlyne Sahakian and Laure Dobigny (UNIGE)	30th June 2018	"From governing behaviour to transformative change », Third International Conference of the Sustainable Consumption	Copenhagen, DK	Presentation

		Research and Action Initiative (SCORAI)		
Laure Dobigny and Marlyne Sahakian (UNIGE)	16th July 2018	“Comparing 16 Energy Living Labs across 8 Countries”, XIX ISA World Congress of Sociology, RC 20	Toronto, CA	Presentation
Laure Dobigny and Marlyne Sahakian (UNIGE)	19th July 2018	„What sort of „innovation” are we talking about ? », XIX ISA World Congress of Sociology, RC 23	Toronto, CA	Presentation
Laure Dobigny (UNIGE)	24th August 2018	“Moins ? Différemment ? Comment produire et consommer autrement », Université d’été d’ATTAC	Grenoble, FR	Presentation
Marlyne Sahakian (UNIGE) and Wladyslaw Senn (Terragir)	05th September 2018	“Swiss Jean Challenge: Contesting norms around cleanliness towards reduced energy usage.” BEHAVE: 5th European Conference on Behaviour and Energy Efficiency	Zurich, CH	Presentation
Laure Dobigny and Marlyne Sahakian (UNIGE)	04th September 2018	“Comparing energy-using practice across European countries”, 4th Energy and Society Conference	Exceter, UK	Presentation
Marlyne Sahakian (UNIGE), with advisory committee member Sylvia Lorek (SERI)	17th September 2018	“Laying the Foundations for Consumption Corridors: The Case of Heating Bigger Homes” Post-Growth 2018 EU Conference, Preparatory meeting	Brussels	Presentation and paper
Laure Dobigny (UNIGE)	20th September 2018	« L’autonomie énergétique locale. Le rôle du système technique et des normes sociales dans la consommation d’énergie », Jeudi Transition, Services Industriels de Genève (SIG)	Geneva, CH	Presentation
Marlyne Sahakian (UNIGE), with Olivier Voirol (UNIL)	16th October 2018	Café Climat (climate conversation): smart meters, organized by Noé 21	Geneva, CH	Presentation
Laure Dobigny (UNIGE)	25th September 2018	« Autonomie énergétique locale et autoconsommation », Séminaire du GRETS, Maison des Sciences des l’Homme	Paris, FR	Presentation
Laure Dobigny and Marlyne Sahakian (UNIGE)	20th October 2018	“The energy transition as a double movement: between federalist structure and citizen engagement in Austria,	Raitenhaslach, GE	Presentation

		Germany and Switzerland », Workshop on Federalism and Energiewende, Technical University of Munich, Academic Center		
Marlyne Sahakian and Grégoire Wallenborn	26th March 2019	Household energy and social experimentation, the case of ENERGISE	Geneva	Workshop organization : La consommation énergétique des ménages, retour sur le projet ENERGISE, at the University of Geneva ; speaker : Grégoire Wallenborn, among others
Sahakian, Naef, Jensen, Goggins and Fahy	04th June 2019	Challenging conventions towards energy sufficiency	Hyères	Eceee Summer Study and conference proceedings
Sahakian, Wallenborn, Vadovics	05th June 2019	Experimenting with energy sufficiency: a set of hypothesis for explaining reduced energy usage through ENERGISE living labs	Hyères	Eceee Summer Study and conference proceedings
Laakso, Godin and Sahakian	21st August 2019	Doing Laundry in Consumption Corridors	Manchester	European Sociological Association meeting
Sahakian, Wallenborn, Godin et al.	17th October 2019	Energy Living Labs for heating and laundry across eight European countries: challenging normative practices	Barcelona	ERSCP – European roundtable on sustainable consumption and production
Wallenborn G.	29th October 2019	Introduction to the ENERGISE project: methods and results	Brussels	Oral presentation

Kingston University London (KUL)

Name	Date	Title	Location	Description
Audley Genus	19th January 2017	Changing Institutions for a Changing Climate	Tyndall Centre for Climate Change, University of Manchester, UK	90 minute seminar, including 1 hour presentation and 30 minutes discussion on the opportunities and problems facing designers of new institutions for mitigating /adapting to effects of human-made climate change.

Genus et al.	27 th April 2017	Carbon Trust/ Kingston University/ISBE Energy Efficiency for SMEs Business Breakfast	Kingston University	Business Breakfast workshop on energy efficiency for SMEs. Genus/Iskandarova and colleagues from Carbon Trust co-organised the event.
Genus/ Iskandarova	30 th August 2017	Challenging Business- as-Usual? The Problematic Institutionalisation of Community Renewable Energy in the UK	London	Presented to Royal Geographical Society annual conference
Genus/ Iskandarova	27 th June 2017	Legitimacy: the key to unlocking the transformational potential of community renewable energy (CRE)?	Institute of Development Studies/ SPRU, University of Sussex, Brighton, UK	Presented to Global Research Forum on Sustainable Production and Consumption) conference on 'Sustainable Lifestyles, Livelihoods and the Circular Economy'
Genus/ Iskandarova	22 nd June 2017	A summary of 'RISE' activities at Kingston University	University of Greenwich, London	Presented to full day RISE/STIR research group meeting
A. Genus	07 th February 2018	Shape Energy Sandpit	Turin, Italy	Presentation of ENERGISE project within interdisciplinary workshop on integration of social science into energy research
A. Genus	22 nd February 2018	European Network of Energy Agencies	The Crystal, London	Participant at ENEA annual meeting, in session on 'Supporting citizens through the energy transition'. Invited to attend by Energy Saving Trust
A. Genus	04 th June 2018	UKERC: SMEs and energy workshop	Keble College, Oxford	Short talk on future research agenda for studying SMEs and energy
A. Genus, M. Iskandarova	08 th June 2018	ISBE: Beyond 2020: sustain-able enterprise workshop	Cecil Sharp House, London	Organisers and chair (AG); presented paper: 'Institutions, Entrepreneurship and Permaculture: an Exploratory Study'
A. Genus, M. Iskandarova	12 th July 2018	Workshop on Technology and Culture	University of Greenwich	Integrating social sciences with EU energy policy: an ENERGISE perspective
A. Genus	24 th September 2018	Book launch: Advancing Energy Policy	Cambridge	Short talk on ENERGISE chapter in Shape Energy edited collection
A. Genus	08 th November 2018	Chair's report to special interest group on sustainable enterprise at ISBE conference	Birmingham	Chair's report to annual general meeting of special interest group on social and sustainable enterprise

A. Genus	13 th November 2018	How to get involved in a Horizon 2020 project	Kingston University	Talk and discussion at Kingston university-wide UKRO event on Horizon projects and how to get funding for one
Genus/ Iskandarova	26 th April 2019	Energise Living Labs	Hastings	Presentation of initial findings from ENERGISE - Closing UK ELL event
Audley Genus	11 th April 2019	Keynote speech – Transforming Energy Systems: Reflecting on the Energise project	Arnhem	Presentation on potential for and realising climate active neighbourhoods
Audley Genus	26 th March 2019	Re-imagining the citizen for a transformed energy system	Trondheim	Presentation on the role of citizens in changing energy systems, with insights from ENERGISE
A. Genus/ M. Iskandarova	15 th October 2019	Policy implications of ENERGISE	UPC, Barcelona	Presentation at the ENERGISE final conference
Audley Genus	14 th November 2019	Chair's report to special interest group on sustainable enterprise at ISBE conference	Newcastle upon Tyne	Chair's report to annual general meeting of special interest group on social and sustainable enterprise
Audley Genus	20 th November 2019	Presentation and invited panel member – European Commission workshop on 'Making the best use of Social Sciences and Humanities (SSH) in the clean energy transition'	Brussels	Presentation on policy implications of ENERGISE

GreenDependent (GDI)				
Name	Date	Title	Location	Description
Kristóf Vadovics	07 th March 2017	Experience with H2020 projects as a partner	Budapest, Hungary	Presentation to about 25 participants on H2020 experience including ENERGISE. Ppt and programme available.
Edina Vadovics and Kristóf Vadovics	6 th November 2017	Sustainable Energy Consumption	Budapest University of Technology and Economics	Overview presentation to master students studying to be energy engineers. Their training doesn't include subjects related to the social side of energy use/ consumption, and we were asked to give an introduction to that. The event was organized by the youth section of the Hungarian Energy Association.

Edina Vadovics	21 st November 2017	ENERGISE Dissemination	Brussels	Presentation at the SSH clustering event organized by the EC.
Edina Vadovics	September 2018	The ENERGISE research projects: theoretical framework and research methodology	Gödöllő	Presentation of ENERGISE to the members of the Hungarian implementation team
Edina Vadovics, Lidija Zivcic, Kristóf Vadovics	August 2018	Initiatives focusing on energy efficiency, reduction, degrowth and sufficiency in European countries - insights based on the ENERGISE database	Malmö, Degrowth 2018 conference	Presentation delivered at the conference
Edina Vadovics	June 2018	Participatory methods towards energy sufficiency	Copenhagen, SCORAI 2018 conference	Session co-organized at the SCORAI 2018 conference (also presented a paper "What can we build on when promoting energy sufficiency? Insights based on visions of European citizens created through a participatory process" in the session)
Edina Vadovics	June 2018	EnergyNeighbourhoods and ENERGISE - cooperation between GreenDependent and E.ON Hungary	Budapest	Presentation of ENERGISE (along with another project) at a training for cc. 35 company representatives participating in the "Future Leaders" training programme of the Business Council for Sustainable Development in Hungary
Edina Vadovics and Kristóf Vadovics	17 th October 2018	GreenDependent, climate change, sustainable energy programs and degrowth	Gödöllő	Presentation of GreenDependent's sustainable energy related work (including ENERGISE and specifically the ELLs) at the Gödöllő Climate Club
Edina Vadovics	28 th November 2018	Climate change and behaviour change: reducing carbon emissions with the involvement of households	Budapest	Presentation of a poster at the Hungarian IPCC report preparation academic conference
Edina Vadovics	29 th November 2018	The ENERGISE project: general introduction	Budapest	Presentation of ENERGISE to NGOs and professional organization active in sustainable energy issues
Kristóf Vadovics	06 th April 2019	The ENERGISE project: general introduction	Gödöllő, ENERGISE Living Lab closing event	Presentation at the Hungarian ENERGISE Living Lab closing community and stakeholder event
Edina Vadovics and Orsolya Pap-Szuromi	06 th April 2019	What have the 41 Hungarian ENERGISE Living Lab participants managed to achieve?	Gödöllő, ENERGISE Living Lab closing event	Presentation at the Hungarian ENERGISE Living Lab closing community and stakeholder event

Edina Vadovics, Kristóf Vadovics and Hungarian ELL members	May 2019	Roundtable discussion of ELL experiences: climate change and households - what can we do at home? What did we do during the ELLs?	Gödöllő, Civil Community House	Sustainable lifestyles and saving energy at home: roundtable discussion with the Hungarian ENERGISE Living Lab participants
Edina Vadovics and Lidija Zivcic	June 2019	Energy sufficiency: are we ready for it? An analysis of sustainable energy initiatives and citizen visions	Eceee summer study, France	Presented and published reviewed paper
Kristóf Vadovics and Edina Vadovics)	June 2019	Limiting energy consumption using different methodologies: carbon clubs, EnergyNeighbourhoods and Living Labs. A comparison of methods and results	Eceee summer study, France	Presented and published extended abstract and presentation
Edina Vadovics and Kristóf Vadovics	July 2019	Presentation of the ELL methodology, stories of local implementation and outcomes	Headquarters of IGES, Japan	IGES invited GDI to present and discuss the ELL methodology in preparation of the "1.5 degree lifestyles" project, Phase II
Edina Vadovics	15 th October 2019	Effectively communicating with stakeholders – lessons learned (in the ENERGISE project)	ENERGISE final conference, UPC, Barcelona	Oral presentation
Edina Vadovics	26 th November 2019	The ENERGISE project in a nutshell	ENERGISE final expert event in Budapest, Hungary	Oral presentation
Kristóf Vadovics	26 th November 2019	The ENERGISE database of sustainable energy consumption projects - what can we learn from them for Hungary and for Europe?	ENERGISE final expert event in Budapest, Hungary	Oral presentation
Edina Vadovics	26 th November 2019	The ENERGISE Living Lab method - does it work? Main outcomes in Hungary in comparison with the 7 other Living Labs in Europe	ENERGISE final expert event in Budapest, Hungary	Oral presentation
Kristóf Vadovics	26 th November 2019	Living Labs, EnergyNeighbourhoods, climate clubs and other methods to change everyday energy use practices	ENERGISE final expert event in Budapest, Hungary	Oral presentation

Applied Research and Communications Fund (ARC Fund)

Name	Date	Title	Location	Description
Marko Hajdinjak	15th October 2019	European Sustainable Consumption Initiatives: Database and typology	UPC, Barcelona	Presentation of work carried out in ENERGISE

FOCUS Association for Sustainable Development (FOCUS)

Name	Date	Title	Location	Description
Tomislav Tkalec	19th May 2017	Presentation of ENERGISE project	Ljubljana, Slovenia	Presentation of the ENERGISE project to the MOBISTYLE H2020 project consortium on their Project Meeting in Ljubljana, Slovenia.
Lidija Živčič	15th October 2019	European Sustainable Consumption Initiatives: Database and typology	UPC, Barcelona	Presentation of work carried out in ENERGISE

National University of Ireland Galway (NUIG)

Name	Date	Title	Location	Description
Gary Goggins	20th February 2017	Research meeting	NUI Galway	Presented an overview of the ENERGISE project
Gary Goggins	20th June 2017	Developing, testing and assessing options for cross-cultural transformation of energy use in households	ENTPE, Lyon, France	Presentation on ENERGISE at the Shape Energy Summer School in ENTPE, Lyon, France.
Eimear Heaslip	21st June 2017	Energy cultures and the importance of energy practices within households	Aviva Stadium, Lansdowne Road, Dublin	Presentation on ENERGISE at the Sustainable Energy Authority of Ireland's national conference of 270 attendees.

Gary Goggins	10 th July 2017	ENERGISE project overview	CIED, University of Sussex	Oral presentation
Gary Goggins	10 th April 2018	Unpacking efforts to reduce domestic energy use across urban areas in Europe	Association of American Geographers Annual Meeting, New Orleans	Presentation of draft research paper building on WP2 in ENERGISE
Gary Goggins and Frances Fahy	10 th April 2018	Dwelling on energy: Exploring social and cultural influences on domestic energy use in international contexts.	Association of American Geographers Annual Meeting, New Orleans	Organized three ENERGISE sessions at the AAG2018 conference and had 13 international speakers. Presented ENERGISE project in the session introduction.
Frances Fahy	10 th April 2018	Switching on to Sufficiency: an innovative typology for critically exploring European sustainable energy initiatives	Association of American Geographers Annual Meeting, New Orleans, USA	Oral Presentation of draft research paper building on WP2 in ENERGISE
Frances Fahy, Gary Goggins and Eimear Heaslip	23 rd February 2018	ENERGISE project overview	Ryan Institute Research Day, NUI Galway, IRE	Poster Presentation of ENERGISE project
Frances Fahy, Gary Goggins and Eimear Heaslip	19 th March 2018	ENERGISE project overview	Whitaker Research Institute Research Day, NUI Galway IRE	Poster Presentation of ENERGISE project
Frances Fahy, Gary Goggins and Eimear Heaslip	10 th May 2018	ENERGISE project overview	Conference of Irish Geographers, Maynooth University IRE	Poster Presentation of ENERGISE project
Frances Fahy	23 rd February 2018	ENERGISE project overview	Ryan Institute Research Day, O Donaghue Theatre NUI Galway IRE	Oral Presentation of ENERGISE project
Frances Fahy	28 th November 2017	Living Labs: An Introduction	Energise Living Labs European Workshop 28 th -30 th of November, University of Helsinki, Finland	Oral Presentation of background to WP3 of the ENERGISE project
Frances Fahy	21 st November 2017	ENERGISE: Developing an innovative theoretical framework fusing social practice and energy cultures approaches	INEA Brussels, Belgium	Oral presentation overviewing ENERGISE in the company of all other related H2020 projects within the ENERGY call.
Frances Fahy and Eimear Heaslip	3 rd October 2017	Ruptures and Routines: Energy Use in an Island Life	European Roundtable on Sustainable Consumption and Production Conference, Skathosis Island, Greece	Oral presentation building on E. Heaslip's PhD to introduce the ENERGISE project and the concept of Routines and Ruptures
Frances Fahy	30 th August 2017	Examining Energy Consumption and Communities: The social, cultural and political	Royal Geographical Society Annual meeting/RGS-IBG, London, UK	Chair and Co-Organiser of two sessions with S Axon, ENTRUST

		dynamics of energy system transformations		
Frances Fahy	30th August 2017	Establishing a European Network for Research, Good Practice and Innovation for Sustainable Energy	Royal Geographical Society Annual meeting/RGS-IBG, London, UK	Oral Presentation of ENERGISE project and conceptual framework
Frances Fahy	1st June 2017	An Agenda for Developing an Energy Cultures Framework for Europe	NUI Building Merrion Square, Dublin IRE	Oral Presentation at European Workshop on Energy Cultures
Frances Fahy, Gary Goggins and Eimear Heaslip	1st June 2017	European Workshop on Energy Cultures	NUI Building Merrion Square, Dublin IRE	Organised European Workshop on Energy Cultures with experts and local stakeholders following face to face team meeting in Dublin in June 2017
Frances Fahy	4th May 2017	ENERGISE: Developing an Energy Cultures Framework for Europe?	Conference of Irish Geographers, University College Cork, IRE	Oral Presentation of ENERGISE project, international participants in attendance in addition to ENTRUST team project members
Frances Fahy and Eimear Heaslip	4th May 2017	Community energy transitions: Shifts in perceptions, consumption and control	Conference of Irish Geographers, University College Cork, IRE	Co-Chairs and Organisers of session at the CIG 2017
Frances Fahy	8th April 2017	Energy Cultures, Communities and Consumption: Exploring the social, political and cultural dynamics of energy system change	Association of American Geographers, Boston, USA	Organised 2 sessions [with Jennie Stephens, Dean's Professor of Sustainability, North-eastern University] for the Association of American Geographers, Boston, April 4th-9th, 2016
Frances Fahy	8th April 2017	ENERGISE: Developing an innovative theoretical framework fusing social practice and energy cultures approaches	Association of American Geographers, Boston, USA	Oral Presentation of ENERGISE project, EU Energy Union to a large international audience
Frances Fahy	24th February 2017	Developing an Energy Culture for Europe	Shape Energy European Workshop, Anglia Ruskin, Cambridge, UK	Invited Speaker at SHAPE ENERGY SSH and energy workshop
Frances Fahy and Gary Goggins	28th June 2018	'Energising research workshop'	Copenhagen Business School, Denmark	Oral Presentation: Opportunities & challenges involved when trying to spread/diffuse knowledge/good-practices on local energy transitions in policy spheres, academia, & wider society.
Frances Fahy	22nd and 23rd June 2018	Sustainable Consumption and energy research in Ireland	Body and Soul Music festival	Oral Presentation: Performed at the Living Labs Stage of the Body and Soul Music Festival June 22nd and 23rd 2018: 'On the festivals new 'green

				stage' Frances was debunking some myths about sustainability and presented on her pan-European research on sustainable energy as well as NUI Galway's new plans for sustainability.'
Frances Fahy	28th June 2018	ENERGISE: European Network for Research Good Practice and Innovation for Sustainable Energy, An Overview	SCORAI International Conference, Copenhagen Business School, June 28th 2018	Oral Presentation: ENERGISE: European Network for Research Good Practice and Innovation for Sustainable Energy, An Overview.
Gary Goggins, Frances Fahy, and Charlotte Jensen	03rd September 2018	A systematic analysis of initiatives to reduce domestic energy use across urban areas in Europe	Energy and Society Conference, University of Exeter, UK	Oral Conference Presentation: A systematic analysis of initiatives to reduce domestic energy use across urban areas in Europe' Energy and Society Conference, University of Exeter, UK 3rd -5th September 2018
Frances Fahy	March 2019	Energy Living Labs as innovative engagement tools	Sustainable Energy Authority Ireland event, Portlaoise, Ireland	Oral Presentation: Energy Living Labs as innovative engagement tools
Eimear Heaslip	16th May 2019	Learning from Living Labs: Experiences from the field	EUGEO Conference paper	Overview paper on the implementation of the ENERGISE Living Labs in Ireland
Eimear Heaslip	13th February 2019	Learning from Living Labs: Experiences from the field	Whitaker Ideas Forum, NUI Galway	Overview presentation on the implementation of the ENERGISE Living Labs in Ireland
Frances Fahy	January 2019	Energy Living Labs as innovative community engagement? Reflections from the (energy) field on the characteristics, benefits and limitations of LL approaches	Climate Change Workshop, UCC, Cork Ireland	Oral Presentation: Energy Living Labs as innovative community engagement? Reflections from the (energy) field on the characteristics, benefits and limitations of LL approaches
Frances Fahy	22nd January 2019	Shape ENERGY Final event - Designing future energy policies	Friends of Europe, Brussels, BE	Oral Presentation: Establishing a European Network for Research, Good Practice and Innovation for Sustainable Energy
Goggins G, Heaslip E, Fahy F	15th May 2019	Promoting sustainable household energy use using a practice-based Living Labs approach	EUGEO and CIG 2019, NUI Galway, Ireland	Poster presentation: Promoting sustainable household energy use using a practice-based Living Labs approach

Frances Fahy	31 st May 2019	Sustainability research in NUIG – ENERGISE an overview	Ryan Institute, Research Day NUIG Ireland	Oral presentation: Sustainability research in NUIG – ENERGISE an overview
Goggins G, Heaslip E, Fahy F	31 st May 2019	Promoting sustainable household energy use using a practice-based Living Labs approach	Ryan Institute, Research Day NUIG Ireland	Poster Presentation: Promoting sustainable household energy use using a practice-based Living Labs approach
G Goggins (Authors: F Fahy, G Goggins, C Jensen, M Sahakian, G Wallenborn, S Laakso, J Backhaus, H Rau, E Vadovics, A Genus)	16 th October 2019	Energy in Europe: switching the emphasis from efficiency to sufficiency	ERSCP Barcelona	Oral presentation: Energy in Europe: switching the emphasis from efficiency to sufficiency
Gary Goggins	25 th September 2019	Changing household energy-related practices using a Living Lab approach	ENABLE.EU final conference, Brussels	Invited oral presentation
Gary Goggins	26 th September 2019	Changing household energy-related practices using a Living Lab approach	ECHOES project final conference, Trondheim, Norway	Invited oral presentation
Gary Goggins	27 th September 2019	ENERGISE key messages and lessons learnt	INEA buildings, Brussels	Oral presentation at INEA cluster meeting
Gary Goggins	15 th October 2019	Welcome and introduction to the day	ENERGISE final conference, UPC, Barcelona	Oral presentation
G. Goggins, F. Fahy, P. Moran, J. Goggins	16 th October 2019	Reducing household energy use through community-based approaches	ERSCP Conference, Barcelona	Oral presentation