

REINVENT – PROJECT NR 730053

# REINVENT project brief

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# Pathways for Zero Emissions in Critical Industries

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PLASTICS | STEEL | PAPER | MEAT & DAIRY | THE REINVENT PROJECT





### A space for reflection – a driver for change

REINVENT is a research project that engages with industry leaders and policy makers to build knowledge on innovations and pathways for zero emissions in industry.

Our interdisciplinary and international team of researchers includes experts on plastics, steel, paper and meat & dairy. Together with forward-looking industry leaders, we explore potentials and capabilities for making transitions in these resource-intensive industries.

We also interact with and involve policy makers with the overall aim to help Europe achieve its long-term climate objectives.

### Exploring emerging solutions – asking new questions

To a large extent, the solutions and innovations needed are already available or known. REINVENT invites progressive actors to collaborate on designing transition pathways and building knowledge for policy strategies.

### Working with the leaders

Through our network of partners we analyse transitions and emerging initiatives from within the industries.

REINVENT studies the entire value chains, which includes attention to financing, production and consumption, as well as the broader social and economic impacts.

” So far there is relatively little knowledge about transitions in resource-intensive industries such as plastics, steel, paper and food. As we dig deeper, we discover how these large emitters of carbon dioxide, through changes along their value chains, can achieve zero emissions. Welcome to join, learn more and be part of the low carbon future.

Lars J Nilsson  
REINVENT Project Coordinator

### Build evidence, tell new stories

We invite all interested to take part in our work and share the results as they evolve. This includes:

- » 100 Existing examples in a Decarbonisation Innovations Database
- » 15 In-depth Case Studies
- » 11 Stimulating and challenging Workshops
- » 10 Innovation Biographies
- » 1 Decarbonisation Handbook

### The REINVENT objectives

- » Develop decarbonisation pathways
- » Analyse impacts on sustainable development
- » Better understand inertia and innovation
- » Develop theory of change and the role of interventions

### Project period

2016–2020



### We need your knowledge

Would you like to participate or learn more?

Contact Lars J Nilsson, Project Coordinator and Professor at the Division of Environmental and Energy Systems Studies, LTH, Lund University.

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## Realising Innovation in Transitions for Decarbonisation

**REINVENT** | For Europe to achieve its long-term climate objectives, carbon-intensive industries have to reduce their emissions. REINVENT focuses on plastics, steel, paper and meat & dairy – industrial sectors that are key to our daily lives, but where low-carbon transitions are still relatively unexplored.

REINVENT is supported by the European Union's Horizon 2020 Research and Innovation Programme. It involves five world renowned research institutions from four countries: Lund University (Sweden), Durham University (United Kingdom), Wuppertal Institute (Germany), PBL Netherlands Environmental Assessment Agency (the Netherlands) and Utrecht University (the Netherlands).

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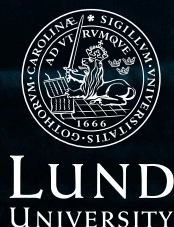
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