

# **Quantifying Industrial Non-Energy Benefits:**

A Swedish Interdisciplinary  
Research Project

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# Why are we interested in NEBs?

- Inspired by IKEA
- Make ourselves redundant
- NEB incorporated in our policy programmes
  - Requiring NEB data when companies seek financial funding
- Improving competitiveness through incorporating NEBs into decision-making

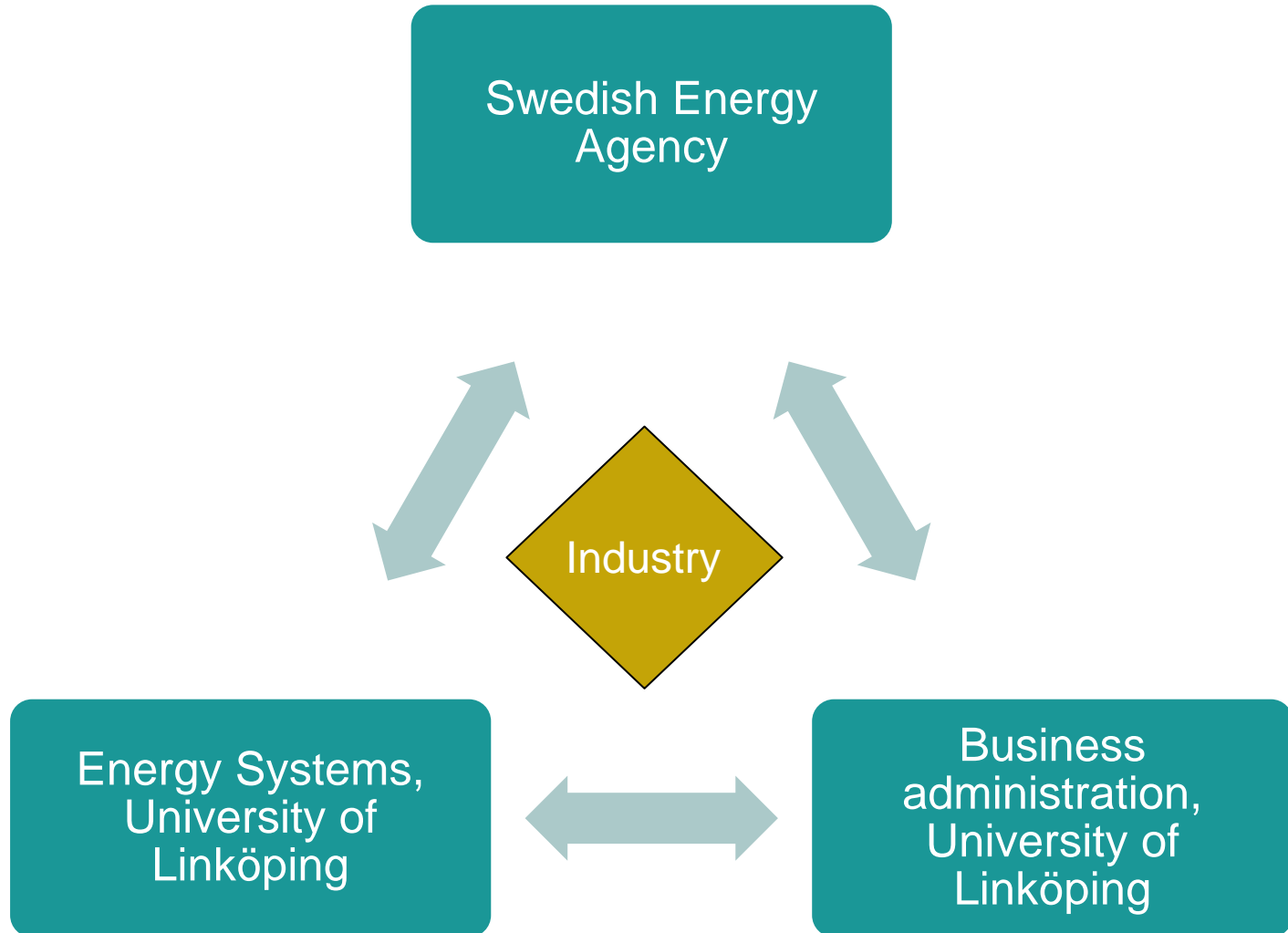


# Research information



- Outcome: Tool for companies to use for a better understanding of investments
- Cooperation with academia rather than consultants: knowledge spread quickly
- Two PhD students from different disciplines
  - Energy systems
  - Business administration
- Old and new data
  - Programme for Energy-intensive Industry (PFE)
  - Energy Audit Subsidy programme
  - New data

# The set-up



# Where we are now; Literature review and pilot study

- Started during the fall 2013
- Literature review of previous research on non-energy benefits and investment behaviour
- New framework for classifying NEBs and suggestions on how to integrate these into the decision-making process

# Pilot study

- Interviews aimed at energy managers at energy intensive firms
- What NEBs have been detected and are quantifiable
- Barriers inhibiting the inclusion of NEBs investment calculations in energy efficiency technologies
- Both the literature review and the pilot study will be presented at the ECEEE Summer Study in June 2014

# What's next

- During 2014: Prepare and perform a questionnaire study covering economic aspects and NEBs
- 2015: Analysing existing as well as the newly collected data
- Reach a work method to act as a tool for the industry



# Thank you!

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