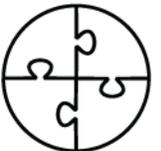
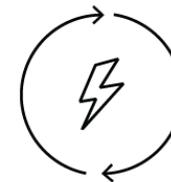
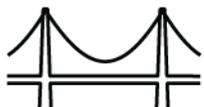


SESSION 2: How is Mistra Carbon Exit aligned with the EU climate agenda?

Lars Zetterberg, IVL

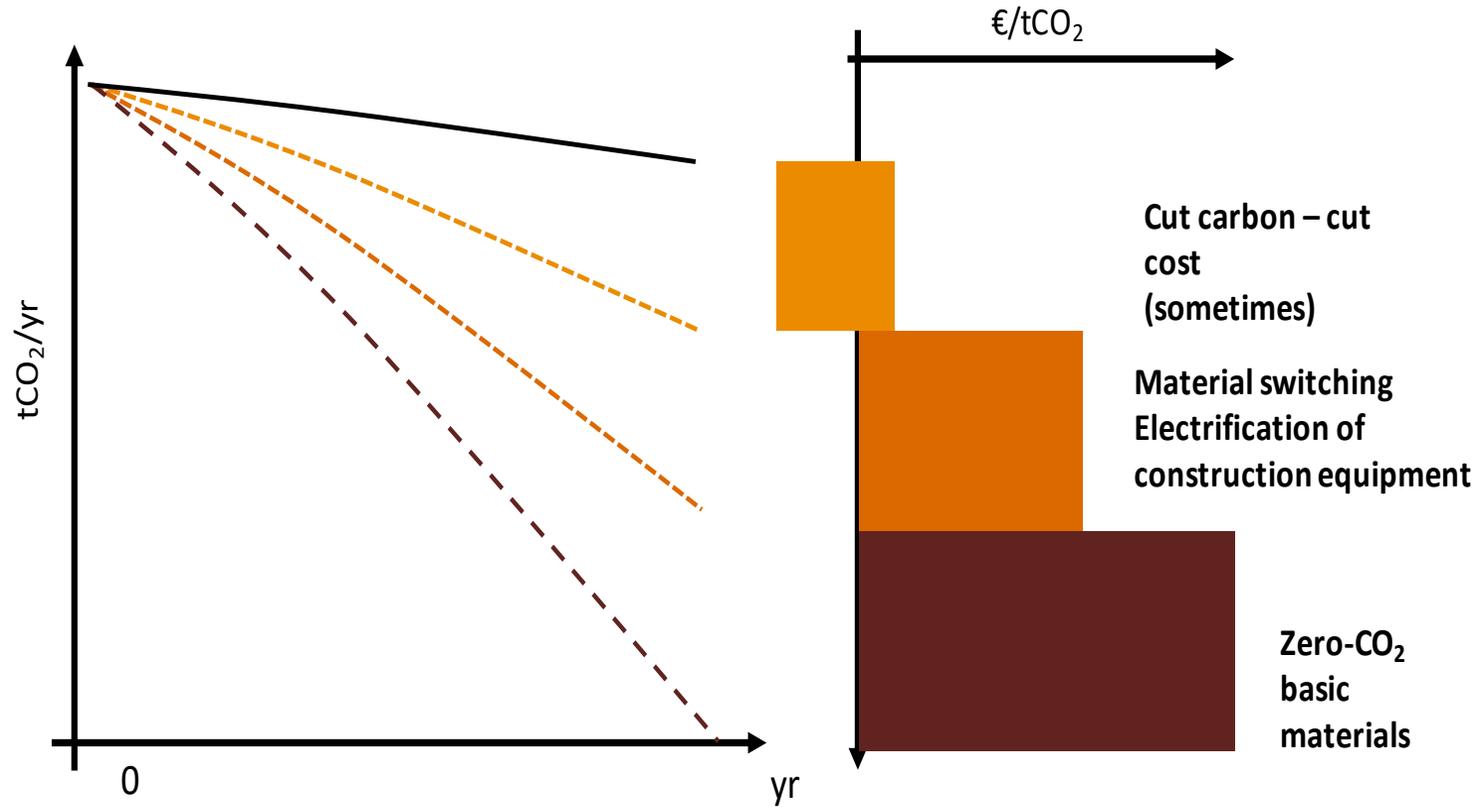


The board asked us to investigate if Carbon Exit can provide insights from the program to the EU institutions in Brussels.

This was strongly encouraged by Mistra

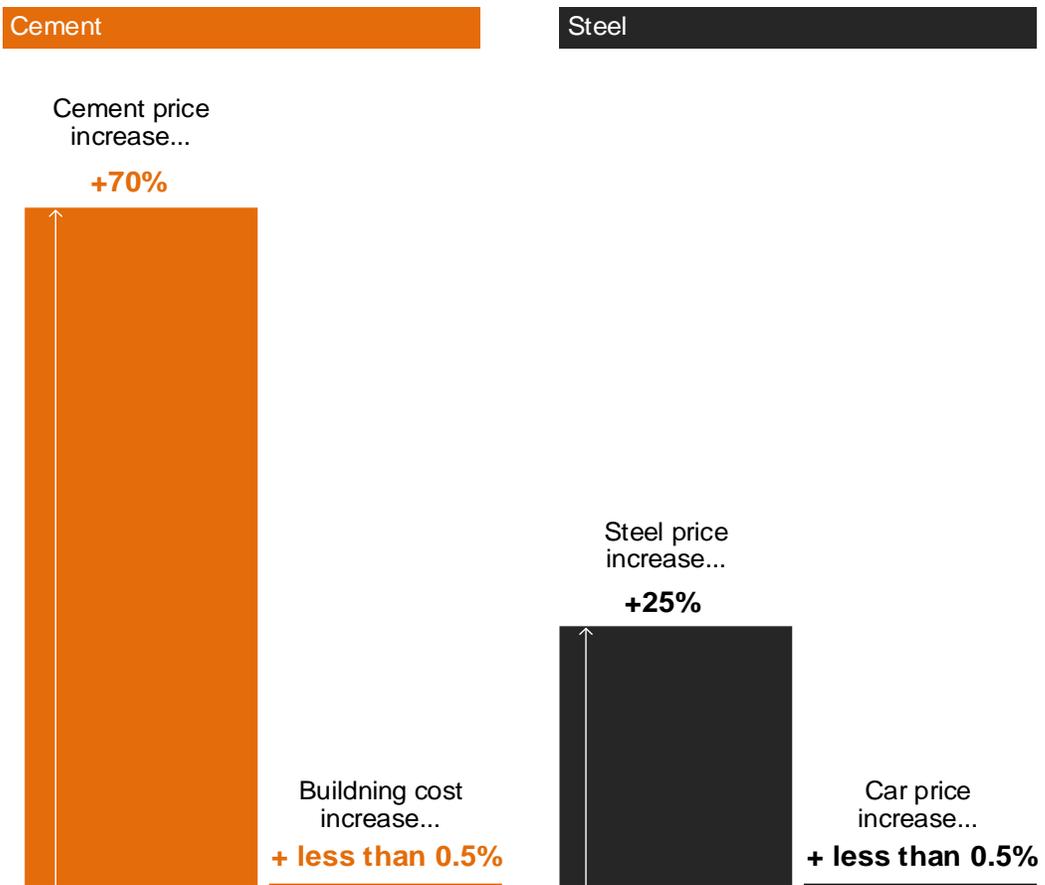
When comparing the EU Long Term Strategy with our research agenda we found notable overlap in 6 key areas:

1. Roadmaps for decarbonization in Sweden



2. Cost of abatement: the case of cement and steel vs consumer costs

Investing in new low-CO₂ steel- and cement-making processes would require substantial increases in the selling prices of steel and cement, but the price increase facing a car buyer or a procurer of a building would be marginal...



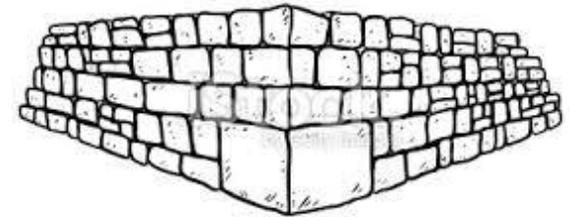
3. Efficient integration of renewable electricity in the energy system



4. The role of carbon pricing and a (reformed) EU ETS for long-term deep decarbonization in industrial and energy sectors.



“The EU emissions trading system (EU ETS) is a cornerstone of the EU's policy to combat climate change and its key tool for reducing greenhouse gas emissions cost-effectively”



5. Policies for deep decarbonization (that can complement carbon pricing).

Examples

- Green public procurement
- Standards, i.e. low carbon fuel standards
- Contracts for differences
- Inclusion of consumption - Consumption fees
- Border carbon adjustment

How can these complementary policies co-exist with the EU ETS?

6. The benefits of a supply chain perspective

Communication

4 June, Mistra at Swedish representation in Brussels: ***Reaching net-zero emissions in the EU by 2050 – opportunities and potential in the context of partnerships between academia, industry and the public sector***

18-19 June: CEPS LOW CARBON ECONOMY FORUM 2019 - INDUSTRIAL IMPLICATIONS OF EU AND GLOBAL CLIMATE CHANGE POLICY

28 June: Mistra Carbon Exit submitted paper to DG GROW on key issues for industrial transformation