

"Clean coal" in the future – technology status and implications to Finland

Organized by Swedish Academy of Engineering Sciences (STV) and Fortum Corporation

Date and venue: 4.3.2009, Fortum Corporation, Keilaniementie 1, (Auditorium 1st floor)

9.30 Opening words and background of the STV project Björn Wahlström, STV

9.40 Welcome to Fortum Mikael Lilius, CEO, Fortum

9.50 Setting the scene: What is CCS and why is it important? Petra Lundström, CTO, Fortum

10.00 Oxycombustion development by Foster Wheeler Arto Hotta, R&D Director, Foster Wheeler Energia

10.25 Pre-combustion capture Marcus Scholz, Sales Director, GE Energy - Europe

Coffee break 10.50 – 11.05

11.05 Carbon dioxide transport possibilities Joonas Rauramo, Business Development Manager, Fortum

11.30 Carbon dioxide storage experiences Erik Lindeberg, Seismic and Reservoir Technology, SINTEF, Norway

Lunch 12.10 – 13.10

13.10 EU's ambitions within CCS Chris Bolesta, DG TREN, EU Commission

13.50 Status of carbon capture and storage technologies – conclusions from new STV prestudy Sebastian Teir, Research Scientist, VTT

14.40 Facilitated discussion and formulation of conclusions:

- Significance of CCS to climate change mitigation globally?
- Importance of CCS to climate change mitigation within EU?

Coffee break 15.10 – 15.25

- The time constant – when will CCS be a commercial technology? Is it soon enough?
- Significance to Finland? Applicability to Finnish energy system, export market for Finnish technology manufacturers?

16.30 Round-up Björn Wahlström, STV

17.00 – 19.00 Dinner (buffet) at Fortum

