



**Joint IEA HPT and IETS Workshop  
Industrial Heat Pumps, the next phase  
Monday, May 15, 2017, morning**

**Introduction**

- 9.30 – 9.40 Short introduction to the workshop – Sigrid Bollwerk (ECN – NL)
- 9.40 – 9.50 Flexible heat supply and sustainability – Jan Grift (Energy Matters – NL)
- 9.50 – 10.00 The role of heat pumps for deep decarbonization of industrial processes - Prof Simon Harvey (Chalmers University of Technology - S)
- 10.00 – 10.10 Heat from the cold – Fons Pennatz (KWA – NL)

**Industrial Cases**

- 10.10 – 10.20 Case 1 – presented by Norbert Koot from Cargill Industry
- 10.20 – 10:30 Case 2 – presented by Chris Versteegh from Heineken beer breweries
- 10.30 – 10.40 Case 3 – Presented by Ton van Haasteren from Smufit Kappa paper and pulp industry
- 10.40 – 10.50 Case 4 – Presented by Cees Biesheuvel from DOW Chemical
- 10.50 – 11.10 Coffee break

**Group discussions**

- 11.10 – 11.50 The participants are split up in discussion panels interacting with Sli-do

**Pannel discussion**

- 12.00 – 12.30 Pannel discussion Q & A and wrap up in plenary session

**Workshop HPT & IETS**