

Conference: Nova Conference on CO<sub>2</sub>-based Fuels & Chemicals 2022

Title: Circular CO<sub>2</sub> Capture and Utilisation as H<sub>2</sub> Carrier

Speaker: Christian Schweitzer, Managing Director of bse Methanol

Bullet Points:

- Status of the REDII Implementation Delegated Acts 1 and 2 (RCF, RFNBO)
- VDI 4635 PtX System requirement Flexibility: Implementation of H<sub>2</sub>-Production with Synthesis in of 3.5 Mio. Nm<sup>3</sup>/a to 70 Mio. Nm<sup>3</sup>/a Hydrogen Modules and Derivates in large-scale plants, e.g. CO<sub>2</sub>-based Kerosene
- Pronouncement of Proof of Concept plant