

## **Plenary Keynote: Michael Sterner**

*Professor at OTH Regensburg*

### **The hydrogen and Power-to-X economy in Germany: Insights on generation, imports, backbones, storage and demands**

#### **Abstract**

Germany is trying to ramp up the hydrogen economy by governmental support of research and industry. German ideas and concepts like Power-to-X and H2Global spread successfully around the world, but German perfectionism is hindering the transfer from research to application and thus climate and hydrogen goals can still fail. What can be generated inside the country, what needs to be imported, is there a hydrogen backbone soon, where is the first application and the highest demand at what efficiencies and can we still meet the goals? This is discussed on a scientific basis in this keynote.