

Session Title: Hydrogen Production Technologies and Urban Utilization

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Abstract title:

Blue Hydrogen – accelerating the emergence of a European hydrogen market

Hydrogen is at the top of the European energy & climate debate today. As the limits of electrification become clearer, Hydrogen's potential as a decarbonised energy carrier and large-scale storage solution has led European policymakers to develop specific strategies in place for its deployment.

Challenges remain however from a cost and scale perspective, especially given the strategies' strong emphasis on 'green'/renewable hydrogen. This presentation will discuss how 'blue'/low carbon hydrogen – produced through natural gas reforming with CCS or methane pyrolysis– can accelerate the uptake of a hydrogen value chain in Europe, and facilitate the integration of 'green' hydrogen.