

Transport Applications

an Energy provider perspective

IPHE Hydrogen & Fuel Cells Stakeholders Meeting

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► ***The various Strategies of Stakeholders across the Transport value chain make a global consensus on future Powertrains and Fuels scenarios difficult***

- The specificities of Energy & Mobility profiles across the regions of the World
- Different Priority orders for Security of supply, Environment & Competition

► ***There is no silver bullet for future fuels***

- Diversification of Energy Portfolio is essential
- At this stage, all Fuel pathways need to be evaluated
- Hydrogen as a fuel **must** be considered



- ▶ ***Procedures and ToRs for issues relevant to pre-commercialization of FC&H technologies such as RCS / H₂ Fuel metering / H₂ Quality compliance need to be addressed / developed***
- ▶ ***Hydrogen Fuel Quality and its CO₂ Footprint must be carefully dealt with as regards cost and global performance of the whole technology pathway.***



Cross sectional diagram of hydrogen atom (electron in lowest energy level)

