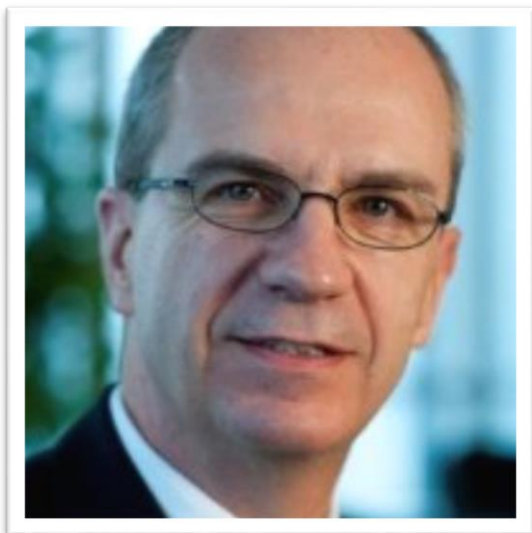


PLENARY SPEAKER

ABSTRACT

Wednesday, October 4th 10:00 –11:00 - **Main Auditorium**

Title: Solving Global Energy Issues



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The Climate Paris agreement calls for a radical change to transform the present energy system into a more sustainable mix based on renewable energy sources, an increase of the system efficiency and energy sobriety, and greenhouse gas mitigation measures. The development of technological innovation in power generation, mobility, and the chemical industry will be strong contributors to the success of this energy paradigm shift. However, depending on the energy applications considered, the degree of technological maturity of possible solutions varies significantly, as well as their capacity for practical deployment. The energy transition trajectory will be

country-specific as it depends on the local available resources, the system in place (energy mix, infrastructure, typology of consumption) and the societal context. To embark on this journey, there is not a single approach. A solution is devised in each case with long-term objectives, and financial scenarios. The presentation will highlight some key challenges that will make the energy transition a success..