



Power-to-X: Optimizing X for a Sustainable Society

Adrian Timbus
Hitachi Energy

Abstract:

Power to X is discussed recently in many commercial and technical debates about our sustainable energy future. X can take different forms, being thermal, chemical, electrical, and even magnetic energy, among others. In this keynote, we will understand needs for use of various forms of X, analyzing the financial viability and technical feasibility of different concepts. We will then put it all in the perspective of the energy transition and our ambition as a society to become carbon neutral in the next couple of decades.

Curriculum Vitae:



Adrian Timbus is the Head of Portfolio and Market Strategy at Hitachi Energy. He has been with the company since 2007, where he focused on helping to solve what he regards as one of humanity's biggest challenges – sustainable energy. He has contributed to this quest by helping to develop and implement strategic solutions across the renewables and power systems sectors.

Adrian is also the Chairman of the European Technology and Innovation Platform – ETIP Wind – advising European Commission on the future direction of wind and renewable power.

Contact Details:

Adrian Timbus
Hitachi Energy
Brown Boveri Strasse 5
8050 Zurich
Switzerland
Phone number: +41 79 468 47 68
E-Mail address: adrian.timbus@hitachienergy.com
Website: www.hitachienergy.com