



Agendas for Society

Brazil - Netherlands

Energy Transition



Programme – ONLINE EVENT – **April 14, 2022** 14:00-17:15 NL/9:00-12:15 BR

Chairs: Prof. Paulien Herder; Prof. Pacelli Zitha; Prof. Gustavo Paim Valença; Prof. Patricia Osseweijer

14:00-14:10 **Opening and Honorary introduction on behalf of Presidents & Board**

09:00-09:10 Prof. Gustavo Paim Valença, *UNICAMP, BR* & Prof. Patricia Osseweijer, *TU Delft, NL*
Prof. Paulien Herder, *Dean of the Faculty of Applied Sciences, TU Delft, NL*
Board UNICAMP (TBC)

14:10-14:20 **Key challenges and Game changers**

09:10-09:20 Prof. Kornelis Blok, *Lustrum TU Delft, IPCC lead author, chairman Netherlands Energy Research Alliance*

14:20-15:00 **Challenges for a smooth energy transition**

09:20-10:00 **Energy transition challenges**

Olivier Wambersie, *General Manager, Technology and Innovation, Shell Brazil*

Carbon Capture Utilization & Storage (CCUS)

Alexandre Breda, *Technical and Scientific Coordinator, Shell Brazil*

Hydrogen

John Seiffers, *CEO, Accenda NL*

Biorefineries: an important step to Circular Biobased Economy

Carlos Calmanovich, *Coordinator Industrial Technology and Innovation, Atvos Brazil*

15:00-15:50 **Novel solutions in the making?**

10:00-10:50 **Carbon Capture Utilization & Storage (CCUS)**

Marcio Arab Murad, *National Laboratory for Scientific Computation, BR*

Hydrogen & Circularity

Peter Luscuere, *Author Hydrogen Rocks, TU Delft, NL*

Circular Biobased Economy

Glauca Souza, *Director BIOEN program, USP, BR*

E-Refinery and Integration

Ruud van Ommen, *Director E-Refinery program TU Delft, NL*

Citizens matter – future scenarios in behavioural trends

Bernd Hezel, *CEO Climate Media Factory, NL*

15:50-15:55 **Break**

10:40-10:55

15:55-16:50 **Break-out groups: identifying game changers in collaboration, led by**

10:55-11:50 **Carbon Capture Utilization & Storage** – Pacelli Zitha & Marcio Arab Murad

Hydrogen – Daniel Lopes, *Commercial Director, Hytron Brazil* & Peter Luscuere

Circular Biobased Economy – Luuk van der Wielen & Glauca Souza

16:50-17:05 **Plenary summary and conclusions**

11:50-12:05 *Discussion on break-out rooms: agreements on plans and action points*

17:05-17:15 **General conclusions and further steps**, led by Henrique Carlos Brito de Cruz, *Senior Vice President,*

12:05-12:15 *Elsevier Research Networks (TBC)* and Kornelis Blok, *chairman Lustrum TU Delft, IPCC lead author, chairman Netherlands Energy Research Alliance*