

## **Fuelling Circular Economy – Optimising the water-energy nexus with salinity gradient power technology**

3 June 2022, 14:30 – 16:30 CET | Online

EU GREEN WEEK 2022 PARTNER EVENT

- 14:30 Welcome by Professor Giorgio Micale, University of Palermo, Italy
- 14:35 Brief Introduction to INES – Salinity Gradient Energy Initiatives – Global Overview – Dr. Frank Neumann, Director, IMIEU
- 14:45 Importance of Circular Economy Approaches in Renewable Energies – Ruud Kempener, Senior Policy Officer, European Commission, Directorate-General of Energy
- 14:55 Recuperation of Water for Reverse Electrodialysis – Dr. Jianjun Cen, CEO Aquabattery, The Netherlands
- 15:05 Generation of Power from Geothermal Brine – Lars Pedersen, CEO Saltpower, Denmark
- 15:15 RED Technology: Power Generation where Rivers and Sea meet – Pieter Hack, Chairman of the board REDstack, The Netherlands
- 15:25 Application of Nanotechnology for Generating Electricity from Osmotic Energy – Nicolas Heuzé, CEO Sweetch Energy, France
- 15:35 Salinity Gradient Power as part of the European Searcular Project – Prof. Giorgio Micale, University of Palermo, Italy
- 15:45 Global Resources for Salinity Gradient Power Generation – Prof. Oscar Alvarez, Universidad del Norte, Baranquilla, Colombia
- 15:55 Panel Discussion: What can be the contribution of salinity gradient power generation for establishing a circular economy in emerging countries?  
Moderated by Prof. Nalan Kabay, Ege University, Turkey.  
Panelists: Prof. Oscar Alvares, Universidad del Norte, Colombia, Prof. Fernando Tadeo, University of Valladolid, Spain, Dr. Ziomara De La Cruz Barragán, Universidad Nacional Autónoma México, Mexico.
- 16:25 Closure of the Meeting