



OSMOTIC ENERGY

THE POTENTIAL TO SUPPORT THE **DECARBONISATION OF INDUSTRIES** AND THE **HARVESTING OF CRITICAL MATERIALS**

EUROPEAN AND INTERNATIONAL ALLIANCE FOR OSMOTIC ENERGY





THE POTENTIAL OF OSMOTIC ENERGY TO SUPPORT THE **DECARBONISATION OF INDUSTRY** AND THE **HARVESTING OF CRITICAL RAW MATERIALS**

ONLINE-27 JUNE 08:50-11:00 CET

1. Welcome by Prof Giorgio Domenico Micale (UNIPA) and introduction of the Alliance For Osmotic Energy by Frank Neumann (IMIEU).
2. Pilot Projects in development in Colombia and Resource estimations of Osmotic Energy, by Prof. Oscar Alvarez (Universidad Del Norte, Baranquilla, Colombia) & Prof. Naser Tavajohi (University of Umeå, Sweden).
3. Introduction Key technologies
 - SaltPower - Optimizing energy use in the salt industry with Pressure Retarded Osmosis by Jesper Culmsee.
 - REDstack - Power Generation and optimising desalination/drinking water production by Michael van Oostrom.
 - Sweetch Energy- Nanotechnology approaches to Osmotic Energy, by Louis Solom/Nicolas Heuze.
 - ResourSEAS- Harvesting energy and critical raw materials simultaneously by Fabrizio Vicari.
4. Presentation on The Net Zero Industry Act, and the Critical Raw Materials Act, by Daniel Gerber, Team Leader Net Zero Carbon Act, DG GROW, European Commission.
5. Discussion and Conclusion – Seizing the opportunities of Osmotic Energy applications for European Industry and power generation - European and International Stakeholders.

GET IN TOUCH!

WEBSITE: WWW.OSMOTIC-ENERGY.EU

LINKEDIN: [HTTPS://WWW.LINKEDIN.COM/COMPANY/INESPLATFORM/](https://www.linkedin.com/company/inesplatform/)

E-MAIL: INFO@IMIEU.EU

REGISTER HERE: WWW.Bit.ly/3oY67dS  EC.EUROPA.EU/EUSEW

 [EUENERGYWEEK](#)

 [@EUENERGYWEEK](#)