



TOWARDS A NET-ZERO FUTURE:

The vital role of geothermal and solar thermal in providing sustainable cooling solutions

15th May 2023 | 14:00 – 15:30 CET



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The vital role of geothermal and solar thermal in providing sustainable cooling solutions

14:00 – 14:05 Introductory remarks – Philippe Dumas, EGEC

PART 1: Setting the framework: cooling perspectives in a changing energy market

14:05 – 14:15 Cooling in the energy market regulation – Madis Laaniste, Policy Officer at the European Commission (DG ENER, B2)

14:15 – 14:25 Cooling technologies and key aspects for future systems – Reuven Paitazoglou, Fraunhofer

14:25 – 14:35 Cooling demand and impact on the energy system – Simon Pezzutto, Senior Researcher at EURAC and Cool-LIFE project Coordinator

14:35 – 14:45 Q&A session

PART 2: Ready-to-use renewable cooling solutions: the role of geothermal and solar thermal

14:45 – 14:55 Cooling the pathway to energy transition: integrating renewable cooling technologies into Municipal SEAPs – Javier F. Urchueguia, Universitat Politecnica de Valencia

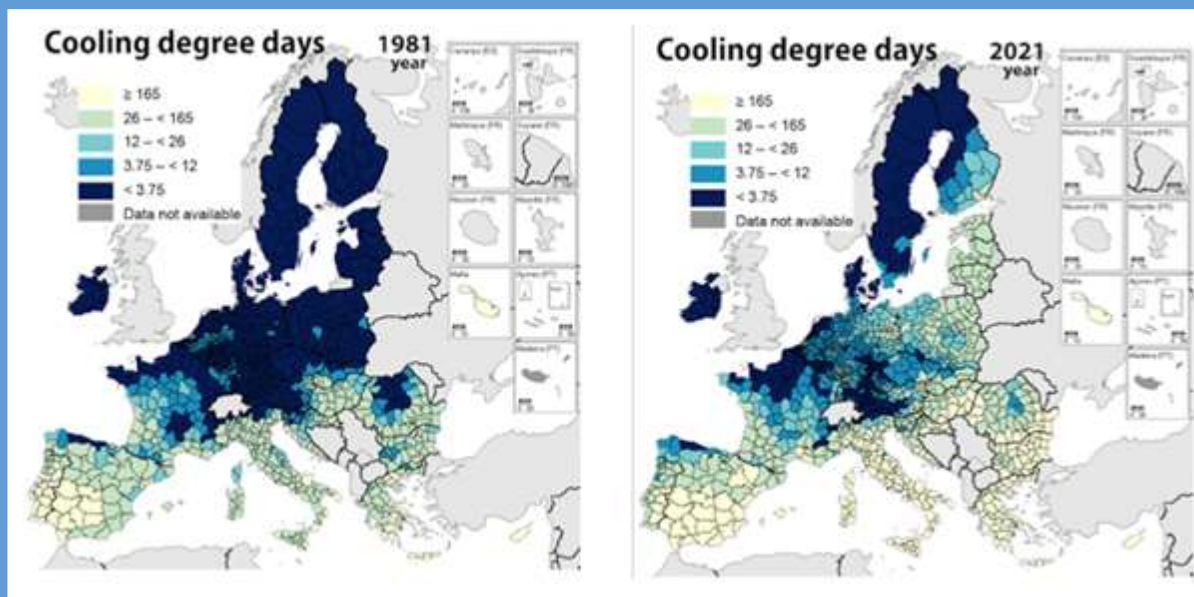
14:55 – 15:05 The innovative geothermal heat pump system in the WWF UK Living Planet Centre – Guus van Gelder, Groenholland BV

15:05 – 15:15 Europe's largest solar cooling solution for industrial processes at the AVL Company (Austria) – Christian Holter, SOLID

15:15 – 15:25 Q&A session

15:25 – 15:30 Concluding remarks – Saverio Papa, Solar Heat Europe

Cooling demand could increase by 50% between 2020 and 2030 and nearly double by 2040.



Source: Eurostat



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