

## Clean Industry Solutions' subsidiary SolarSpring will provide key system element in public funded wastewater treatment project

**The subsidiary of Clean Industry Solutions Holding Europe AB, SolarSpring, a pioneer in the field of membrane distillation offering innovative waste- and drinking water treatment technology, is a member of the consortium of the R&D project RoKka. RoKka is funded by the EU and the state of Baden-Württemberg. The project aims at rebuilding wastewater treatment plants into wastewater biorefineries by generating valuable products and making the processes economically viable and eco-friendly. SolarSpring will be providing a key system element. The support for SolarSpring amounts to 242,600 € with a funding rate of 80%.**

The project "Resource recovery from sludge and climate protection" (RoKka) assesses the impact of nitrogen recovery with a focus on the climate balance of wastewater treatment plants. Six pilot plants will be installed at the Wastewater Biorefinery in Erbach and Neu-Ulm, Germany. Nitrogen and phosphorus recovery is coupled with the production of bio-stimulants with microalgae. Carbon capture and usage to produce basic chemicals, is administered inside the gas stream of the combined heat and power (CHP) plant. As a result of RoKka, the environmental objectives of wastewater treatment plants can be analyzed with regard to water protection, bioeconomy and climate protection. SolarSpring, a pioneer in the field of membrane distillation offering innovative waste- and drinking water treatment technology, will be providing a key system element based on membrane technology for the removal of ammonia from a digestate stream. Of a total funding volume of around 3,25 m€, SolarSpring will receive 242,600 €.

The project is financed by the Baden-Württemberg Ministry of Environment, Climate Protection and the Energy Sector as part of the ERDF (European Research and Development Fund) programme "Bioeconomy - Biorefineries for the recovery of raw materials from waste and wastewater" and the L-Bank Baden-Württemberg.

Besides SolarSpring, the Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB, Umwelttechnik BW GmbH, the University of Stuttgart, the University of Kassel, the Technical University of Kaiserslautern, the City of Erbach, Steinhäule Treatment Plant Union, Deukum GmbH, and Nanoscience for life GmbH & Co. KG are part of the consortium for the 2.5-year project. The project partners will demonstrate the positive contribution towards climate protection and a secure feedstock supply, as the manufactured products can replace fossil materials and energy-intensive processes.

*This information is information that Clean Industry Solutions is obliged to make public pursuant to the EU Market Abuse Regulation. The information was submitted for publication, through the agency of the contact persons set out above, at 2022-03-03 13:55 CET.*

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**About Us**

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Clean Industry Solutions Holding Europe AB holds 100% of Industrial Solar GmbH and 100% of SolarSpring GmbH - both located in Freiburg/Germany.

Industrial Solar GmbH is an international leading technology and solution provider, which develops projects mainly based on its innovative Fresnel collector technology suitable for fulfilling an expected growing market of solar process heat. As a one-stop-shop Industrial Solar offers turnkey solutions for customers in several industries.

Find out more about Industrial Solar GmbH at the following address:

<https://www.industrial-solar.de/>

Founded in 2009 as a spin-off of the Fraunhofer ISE, SolarSpring GmbH - membrane solutions, has evolved into an international pioneer in the field of membrane distillation offering innovative waste- and drinking water treatment technology.

Find out more about SolarSpring GmbH at the following address:

<https://www.solarspring.de/>

**Image Attachments**

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[Foto ZVK](#)

**Attachments**

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