

Visit from the Bundestag at KIT-IAMT

Cem Özdemir and Christian Kühn learned about materials and processes for water treatment

In their role as members of the Bündnis 90/Die Grünen parliamentary group, Cem Özdemir, visited KIT last Saturday, November 25, 2023. At the Institute for Advanced Membrane Technology (IAMT), they learned about water treatment technologies, in particular the removal of trace pollutants and their role in the water-energy-resource nexus.

Water treatment as a global challenge

According to the United Nations, 2 billion people worldwide have no access to clean drinking water. In addition to missing or destroyed infrastructure, factors such as climate change and environmental toxins are also playing an increasingly important role. Under the leadership of Prof. Andrea Iris Schäfer, the IAMT is developing membrane materials and processes for drinking water treatment and water recycling. Trace pollutants are an enormous challenge that require complex processes in order to comply with increasingly stringent guidelines if their use is not restricted. International competition in the development of environmental technologies is fierce and the IAMT is at the forefront.

During their visit, Cem Özdemir and Christian Kühn learned about the latest membrane technologies and self-sufficient, solar-powered processes - in collaboration with Prof. Bryce Richards (IMT) - and their areas of application, for example in developing countries and agriculture, or for resource extraction. Finally, they exchanged views with the researchers on guidelines and future technologies for removing trace pollutants, from the controversial glyphosate to 'Forever Chemicals' and the widespread use of hormones.

A culinary pretzel greeting from home, Bad Urach, rounded off the visit along with an Earth & Environment cake in the IAMT Gallery. (mba/ais, 30.11.2023)

Link IAMT <https://www.iamt.kit.edu/index.php>

Link Expertenportal: https://www.sts.kit.edu/expertinnen-und-experten-des-kit_schaefer.php



Photos 2-7: Dr Akhil Gopalakrishnan (KIT-IAMT), 1, 8-9: Amadeus Bramsiepe (KIT-ASERV)