



ANKICA KOVAČ

Role(s)

Assistant Professor, PhD
Head of Hydrogen Laboratory
Representative in Hydrogen Europe Research

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<https://hydrogen.hr>

<https://h2res.com>

<https://rh2ec.com>

Ankica Kovač is Associate Professor at the University of Zagreb Faculty of Mechanical Engineering and Naval Architecture, Croatia, where she holds position of Head of Hydrogen and Fuel Cells Laboratory. She holds her PhD in a renewable hydrogen production. Her research interest includes full hydrogen value chain (hydrogen production, storage, transportation and distribution, and usage).

She serves as an Assistant Editor of International Journal of Hydrogen Energy and as a Guest Editor of Energies Journal and International Journal of Sustainable Energy. Ankica has authored and co-authored numbers of scientific papers published in international scientific journals and conference proceedings, edited two books titled Challenges and Solutions in the Hydrogen Value Chain and Fuel Cell and Hydrogen Technologies in Aviation published by Springer, and authored editorials for Special Issues of scientific journals. Ankica serves as the project evaluator within Horizon Europe, Clean Hydrogen Partnership, and Croatian Science Foundation.

Ankica is founder and chair of the Renewable Hydrogen Energy Congress, RH2EC (<https://rh2ec.com>) and Training on Hydrogen and Fuel Cells (<https://h2res.com>) focused on raising awareness and education in the field of hydrogen technology of any professional actor (research, industrial, policy decision-makers, local authorities, public).

Together with her Hydrogen Group she designed first Croatian hydrogen-powered bicycle and installed first Croatian hydrogen refuelling station. In cooperation with Toyota Croatia, she organized Croatia Mirai Challenge as a road trip from Zagreb to Brussels. Among other projects, Ankica participates in North Adriatic Hydrogen Valley project as a group leader.

Ankica is Croatian representative in Hydrogen Europe Research. She is a member of Council of President of Republic of Croatia for Energy Transition, Vice President of Croatian Hydrogen Association, and served as Vice President of Expert working group for development of Croatian Hydrogen Strategy. Within the Croatian Ministry of Science, Education, and Youth, she served as president of the Expert working group for the pilot project of the mapping and forecasting for the thematic priority area Energy and Sustainable Environment. As team leader, she is involved in the development of the pre-feasibility and feasibility studies, surveys, and analysis for the industry, ministries, local governments, embassies, etc.

Ankica was awarded the Croatian Woman of Influence Award in the category of Leadership and Innovation.