



# Konstantinos Atsonios

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Dr. Konstantinos Atsonios is a PhD Mechanical Engineer from the National Technical University of Athens(NTUA) and he is a Research associate at CERTH/CPERI since 2010. He specializes in the study of advanced energy systems and processes, mainly related to low carbon emissions. Having participated in several national and European funded projects, he has experience in process modelling and energy system design and performing thermodynamic calculations on various processes, including thermal plants, biorefineries, synthetic fuels production, energy storage concepts, low carbon technologies at industrial plants.

He has gained experience in islands energy system design and modeling with high RES penetration. He has also served as a reviewer for several scientific journals and research proposals. He is the coordinator of the H2020 EU funded BioSFerA project (<https://biosfera-project.eu/>) and the Horizon Europe FUELPHORIA project (<https://fuelphoria.eu/>). Over 100 papers in scientific journals, international conferences, and workshops and 1750 citations (according to Scopus).