Sustainable Aviation Fuels
time for take-off

Dr. George Vourliotakis

Dr. George Vourliotakis is Head of the Energy Policy and Planning Unit at EXERGIA and a Senior Energy Policy Expert specialising in energy sector decarbonization and sustainable transport fuels. He holds a PhD in Mechanical Engineering, specialising in the combustion and thermochemical conversion of conventional and alternative renewable fuels, and an MSc in Energy Production and Management, both from the National Technical University of Athens.

He has 15 years of experience in energy policy and planning, providing technical assistance to governments and international public and private institutions designing energy and climate strategies. Since 2016, much of his work has been with the European Commission on what it takes to bring advanced biofuels, including SAF, to market. He was member of the core team of the two DG RTD studies on building EU industrial capacity for drop-in advanced biofuels. The second study proposed a financing plan for the value chains needed to meet the EU's 2030 and 2050 targets. He has also worked on the ART Fuels Forum (steering the discussion between the industry and policy makers on RED II), on the JRC's assessment of Lower Carbon Aviation Fuels, while he worked for RSB on SAF feedstock mapping and biofuel strategy development assignments in Southeast Asia and Ethiopia respectively. He currently coordinates the policy and regulatory readiness workstream in a DG MOVE study on Book & Claim systems for sustainable transport fuels. He is also responsible for bioenergy in the impact assessment of the EU's post-2030 renewable energy framework.

George regularly lectures on fuels technology and combustion as a visiting speaker and has published 26 journal papers.