

“The EU-policy on carbon composites : highlights of actual projects and future trends”, by Dr. Achilleas STALIOS

Fibre-reinforced composite materials form nowadays more and more part of our lives. Despite their relatively high cost price, they are key elements of smart material systems and structures. Their properties make them more and more attractive to various industrial sectors such as transport, electronics, house appliances, construction, medicine, etc. On the other hand, their recyclability also makes them attractive, since this goes well along the main European Commission H2020 materials research policy lines, such as : circular economy, low CO₂ emissions, energy consumption, etc. The European Commission, through its research framework programmes, regularly supported the development of these materials, as well as their whole production cycle, in the past. In H2020, and also during the last 6-7 years under FP7, the Commission has continued and will continue to support the research for the development of CF-Composite smart materials and their further application in the relevant industrial sectors.



Achilleas STALIOS studied Physics Engineering at the University of Thessaloniki, and then gained a PhD in Physics at University of Antwerp. He has twenty years' experience in materials (glass, ceramics and metal alloys), in research and characterisation in Belgian laboratories, at SCK/CEN, in Greece (Demokritos Institute-NCSR in Athens), and in Germany : ITU (Institute for Transuranium Elements) and JRC (Karlsruhe-European Commission). Since 2000 he is EU Administrator at the European Commission, Directorate General for Research and Innovation, and Directorate NMP-Advanced Materials and Nanotechnologies Unit.