

Scale-up of nanomaterials: the EC initiatives

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In the early 2000s, nanotechnology became one of the top priorities in the R&D&I international policy. Since then, the European Commission (EC) funds many R&D&I projects on nanotechnology outweighing private investments with the ambitious goal to contemporary maximize the scientific as well as the economic impact of this key-enabling technology able to bring multiple benefits to society. It must be highlighted that EC is also funding since FP5 some projects aimed at developing the regulation of nanotechnologies so finding the right compromise that ensures the nanotechnology scale-up, so maximizing R&D&I results economic impact, avoiding all technology harms and minimizing the health and environmental risks of nanotechnology. This talk will show some of the most recent EC main funding schemes on Nanotechnology, also showing the latest results on EC funded calls aimed at facilitating the Scale-up of nanomaterials. In particular, the strategy behind the many EC-funded initiatives on Nanotechnology scale-up will be discussed, focusing on Nanomaterials for Energy and Environmental applications. In conclusion, the talk is also aimed at discussing with relevant stakeholders which could be the EC-funded innovation initiatives able to facilitate the development and marketing of nanotechnologies.