



## H2020 PEGASUS in the latest issue of SciTech Europa Quarterly

The PEGASUS project is highlighted in the Materials and Nanotechnology section of SciTech Europa Quarterly, issue 27, pages 68 to 69. The article, entitled "Microwave plasmas meet graphene", presents the primary advantages of using microwave plasmas as a disruptive 'green' alternative for the production of high quality graphene and its derivative N-graphene at a large scale. The current perspectives of graphene production are discussed and the ambitions and goals of the project are explained, with emphasis on the advantages of plasma based methods at the core of the PEGASUS approach. The key enabling technologies of PEGASUS provide a rapid, single step, cost efficient and environmentally friendly method for selective synthesis of tailored graphene/N-graphene sheets at high yield and at atmospheric pressure. The PEGASUS consortium is presented in the article and the main contribution of each partner institution is briefly described. The outstanding properties of plasma-produced graphene structures are discussed as well, with the construction of a new microwave plasma-based machine for the production of N-graphene at a large scale and with an improved degree of customisation as perspective for the future.



The full text can be accessed with the following link:

http://edition.pagesuite-professional.co.uk/html5/reader/production/default.aspx?pnum=68&edid=9493e595-8c46-4052-82d7-243a5e107802&isshared=true

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