

## **The route to Graphene Commercialisation**

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Graphene - the so called "wonder material" could change the world with what seems endless applications and capabilities. Challenges exist in achieving this commercialisation and a key will be the creation of partnerships and collaborations to make these real from structures, to membranes and electronic applications. The principle of "open Innovation" together with the critical investments in the National Graphene Institute and Graphene Engineering Innovation Centre at The University of Manchester will provide a world leading centre for Graphene research and support the development of applications and business opportunities through partnerships with industry.

### **About Ania Servant**



After completion of Master of Sciences (MSc.) from the Ecole Nationale Supérieure de Chimie de Paris (Chimie Paris-Tech), followed by a Master of Research (MRes.) from Pierre et Marie Curie University (Paris VI), Ania was awarded a Marie Curie Fellowship to pursue a PhD training in Queen Mary University on the development of novel micro/nanoparticles for catalysis and biomimetic applications. After completion of her PhD in June 2010, Ania worked as a post-doctoral research associate for over two years in the Nanomedicine Lab at UCL School of Pharmacy, under the supervision of Prof. Kostas Kostarelos, functionalising carbon nanomaterials including graphene and carbon nanotubes for biomedical applications such as novel delivery vectors and diagnostic agents. In November 2012, she was awarded of a EPSRC Post-doctoral Fellowship to pursue her studies for another year in the Nanomedicine lab on the development of injectable graphene hydrogel hybrids for on-demand drug delivery.

From December 2013, Ania works as Knowledge Exchange fellow for the National Graphene Institute at the University of Manchester. Her role aims at generating opportunities for knowledge exchange between the NGI and industrial/commercial partners and participating in the development of a sustainable, long term knowledge exchange capability within this institute. As such, Dr. Servant will be involved in conducting a number of short term applied projects in partnership with a diverse range of industrial partners looking to investigate the use of graphene and its derivatives in a range of applications. In addition, she will be involved in co-ordinating larger scale externally funded knowledge exchange application projects and in contributing to these projects in collaboration with colleagues from the School of Materials, Physics, Computer Science, Bio and Life Sciences, and other university departments.