

# Marie Skłodowska Curie Individual Fellow Opportunity with Pilkington NSG (Thin Film Technology)

**Application** is by CV and covering letter to [anna.colley@nsg.com](mailto:anna.colley@nsg.com)  
(The successful candidate will be contacted in order to provide further information for funding proposal.)  
Visit us [www.pilkington.com](http://www.pilkington.com)

## WHO ARE WE?

The NSG Group is one of the World's largest manufacturers of glass and glazing products for Architectural, Automotive and Technical Glass sectors.

With around 28,000 permanent employees, the Group has principal manufacturing operations in 30 countries and sales in over 130. With just over a third of our sales are in Europe, around a third in Japan and the rest primarily in North and South America, South East Asia and China.

In June 2006, the NSG Group acquired Pilkington, renowned for the invention of the Float Glass process, which revolutionized the world's glass industry. The globally recognized Pilkington brand is widely used in our Architectural and Automotive businesses.

The Group operates three worldwide business lines:

- Architectural supplies glass for buildings and Solar Energy applications.
- Automotive serves the original equipment, aftermarket replacement and specialized transport glazing markets.  
Technical Glass products include very thin glass for displays, lenses and light guides for printers. And glass fibre used in battery separators and engine timing belts.

The R&D group in the UK has many successful and longstanding links with both academic institutes and research facilities. The group also has a successful track record in acquiring funding through different EU funding routes for individuals and projects.

## THE ROLE

NSG is seeking to develop a funding proposal with an experienced researcher for submission under the first call of the Horizon 2020 Marie Skłodowska-Curie Individual Fellowships programme (H2020-MSCA-IF-2014).

<http://ec.europa.eu/research/participants/portal4/desktop/en/opportunities/h2020/calls/h2020-msca-if-2014.html#tab2>

We are looking to identify an experienced researcher to collaborate on an exciting new project within the Thin Film Technology Group at our European research facility in Lancashire, UK. The position will be dependent on a successful application for funding. The role will focus on understanding mechanistic reactions in chemical vapour deposition (CVD) processes by developing and implementing diagnostic techniques using in-situ spectroscopic technologies such as FTIR and near IR laser diodes. The project will last 2 years. In addition to the attractive EU funding package NSG will provide a comprehensive training package to

ensure effective and successful delivery of the project, complimented by a continual professional development program tailored to the individual's needs.

### **THE PERSON**

Must be in possession of a doctorate degree or have at least 4 years of full time equivalent research equivalent. The applicant should be from an EU or associated country and have a high level of spoken and written English. The applicant must not have resided or carried out their main activity (work, studies, etc) in the UK for more than 12 months in the previous 3 years.

It would be expected that the applicant will have a proven track record of high calibre research and publications. A successful candidate would work as part of multi-disciplinary project teams and will need excellent communication skills and a high level of motivation.

The role would suit a self motivated team player who would enjoy an active involvement in development and problem solving activities. This is an opportunity for a high achieving individual to work in a challenging environment in a role that requires an enthusiastic and flexible attitude. In return it would be ensured that the applicant had the opportunity to significantly widen their transferable skills during the two year project and gain multi-interdisciplinary experience.