

GRAPHENE FLAGSHIP VALIDATION SERVICE PARTNERS



NPL is the UK's National Measurement Institute, providing the measurement capability that underpins prosperity and quality of life. <http://www.npl.co.uk/topics/graphene/>



The Instituto de Nanociencia de Aragón of UNIZAR, is a research centre dedicated to the development of nanoscience and nanotechnology. The Laboratorio de Microscopías Avanzadas is part of a Spanish National Facility (ICTS). <http://lma.unizar.es/> and <http://ina.unizar.es/>



Placed under the trusteeship of the French Ministry for the Economy, LNE is the French National Metrology Institute and an internationally recognized testing laboratory, performing, at the highest level, measurements that serve economy and society. <https://www.lne.fr/en/about-us>

“ Professional, through and through ”

Customer feedback on the service

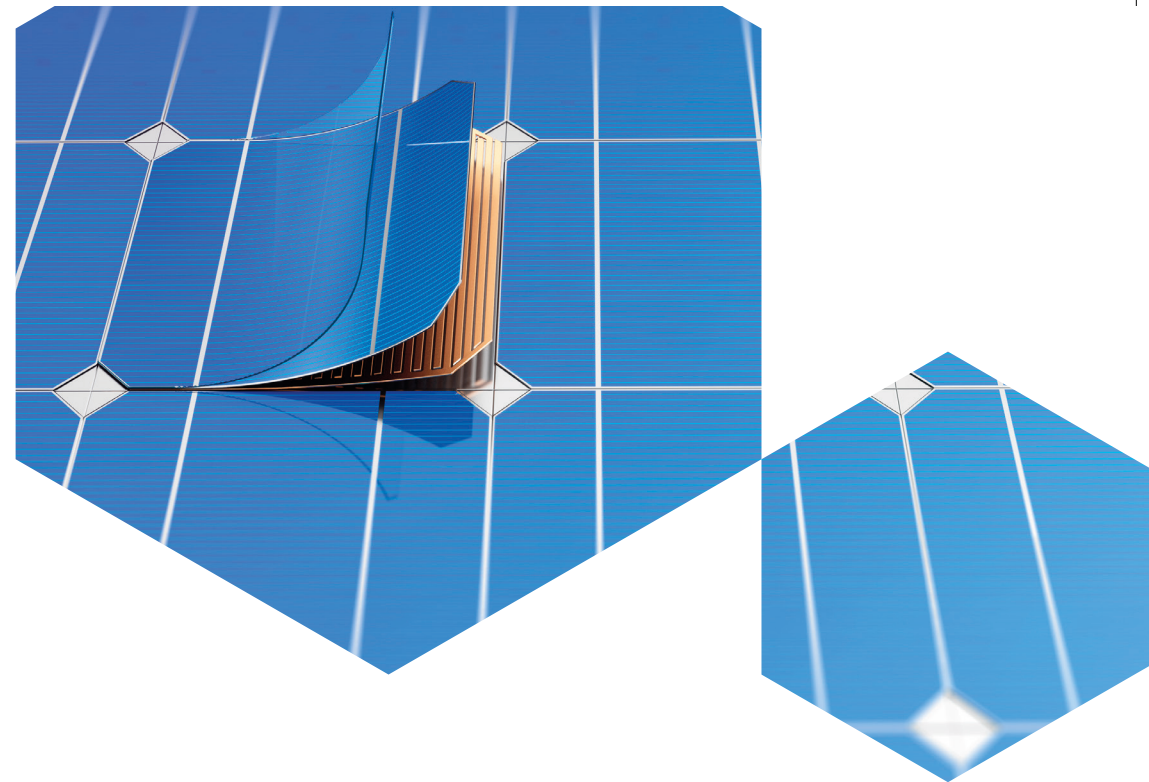
SERVICE DISCLAIMER

Graphene Flagship provides the Validation Service to accelerate industrialisation of Graphene and Related Materials (GRM). The service is provided by authorised national measurement institutes and facilities renowned for their excellence, independence, integrity and impartiality. Clients receive a detailed report, which is specific to a validated sample and provides documentary evidence demonstrating selected characteristics of that sample as requested by the client. The measurements adhere to available standards or established procedures. The validation service report can be used by clients to establish specifications, to find reliable suppliers, for benchmarking according to industry Figure of Merit (FOM), and to

promote the end-product with GRM. The report must be referred to in full where it is used for promotional activity. No standard price list is available, the process is designed individually for each validated sample:

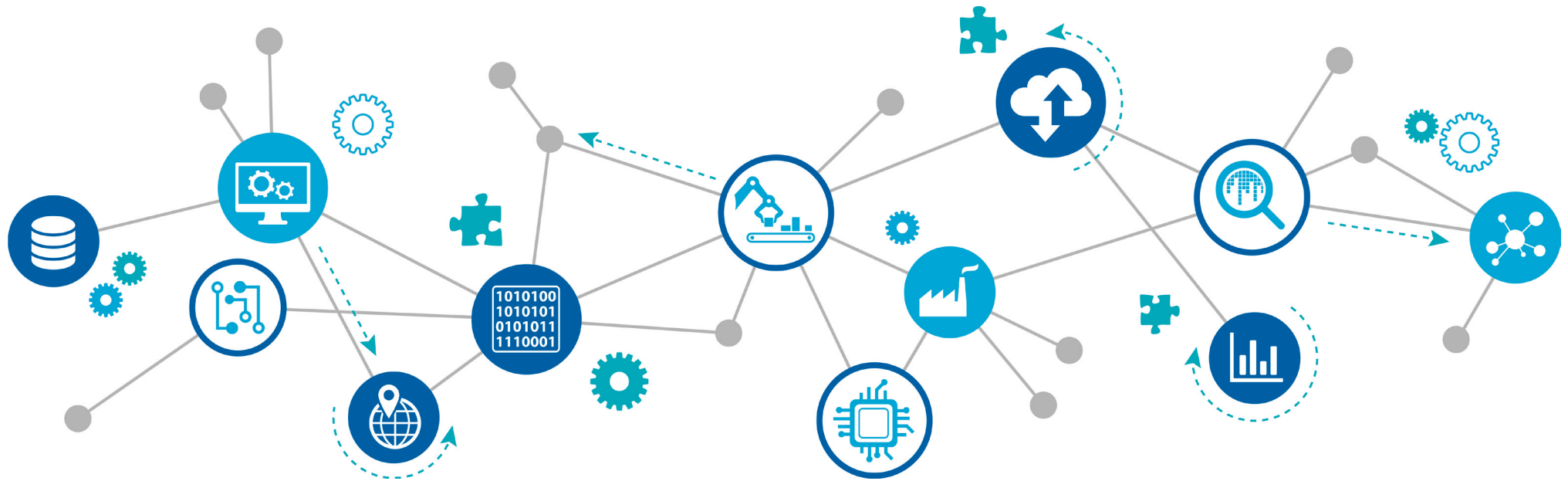
- Graphene Flagship's Consortium partners are eligible to get the service free-of-charge while the EC's grant budget is available.
- Graphene Flagship's Associated Members and Partnering Projects are able to get the service on cost-based conditions.
- The service is accessible for non-Graphene Flagship community on a commercial basis.

The service is open to everyone and full Graphene Flagship consortium partners are eligible to use the service free of charge (restrictions apply). For more information on the service visit <https://graphene-flagship.eu/VSFAQ> or contact GF_ValidationService@npl.co.uk



GRAPHENE FLAGSHIP VALIDATION SERVICE

An independent and impartial service provided by the Graphene Flagship's consortium partners, who as authorised National Measurement Institutes offer services and capabilities renowned for excellence and integrity.



GRAPHENE FLAGSHIP VALIDATION SERVICE

The Validation service was launched in 2018 by the Graphene Flagship as a Quality Assurance Programme for graphene and related materials (GRM).

Graphene and related two-dimensional (2D) materials have countless and varied potential applications, ranging from enhanced composite materials through to the next generation of datacom technology.

The cornerstone of these applications sits with a confidence in the properties of the material itself. The aim of the Validation Service is to provide the necessary confidence, enabling an accelerated path to market for these applications.

The service does this by offering a range of measurements from structural, mechanical, optical, thermal, electrical, magnetic, chemical and lifecycle on a variety of GRMs/2D Materials. Since the launch of the service in autumn 2018, the partners have completed 20 measurement requests and over 80% of the service users would use it again and additionally recommend it to a colleague.

WHAT IS THE GRAPHENE FLAGSHIP?

The Graphene Flagship is a project funded by the European Commission to accelerate the integration of graphene from the lab into industry applications.

The Graphene Flagship promotes research, innovation and collaboration through its network of nearly 150 partners all working toward a common goal of advancing graphene's integration into European markets to create jobs and stimulate the economy.

To this end the Graphene Flagship provides a range of services including validation, standardisation, road mapping, health and environmental research and business development.

“ My compliments for this service, very excellent work ”

Customer feedback on the service

“ The people are very professional and always ready to help, and the reports are excellent ”

Customer feedback on the service

Contact us today to see how we can help with your GRM measurement problem. <https://graphene-flagship.eu/VSFAQ> or contact GF_ValidationService@npl.co.uk

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