HIGH QUALITY MANUFACTURER
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Markets

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MONOLAYER CVD GRAPHENE FILMS ON STANDARD SUBSTRATES:

- SiO_2 300nm / Si
- Sputtered Au on Si
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- Quartz
- Patterned Si
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- TEM grids

GRAPHENE NANOSHEETS & NANOPLATELETS

- Suspended Graphene Oxide / Graphene Oxide Powder / Reduced graphene

www.graphenea.com

CVD 法による単層グラフェン膜　Graphenea Nanomaterials

研究スペックの世界トップレベルのＣＶＤ単層グラフェンを供給するスペインのベンチャー

現在 Graphenea 社が供給できる製品は以下の通りです。

１．　単層グラフェンシート
２．　二層グラフェンシート
３．　多層グラフェンシート
４．　グラフェンのカスタマイズ品

Graphenea 社製品は、エレクトロニクス系企業のＲ＆Ｄセンター、大学、その他研究センターで、評価が高まっています。

特に SiO2 基板上に CVD 法で成長させた単層のグラフェンは、Graphenea 社のスタンダード製品として、幅広いユーザの間で絶え間ない需要が生まれています。標準規格としては、２cm 角の Si2O 基板上に 1.5 cm 角の単層グラフェンを転写させたものです。更に、基板サイズ、単層グラフェンのサイズ、基板の種類（ガラス、TEM grid、 PET、等.）をユーザー要求に応じてカスタマイズ可能です。

Graphenea 社は高品質で均一性が高い単層グラフェン膜を供給可能な世界でトップレベルのサプライヤーです。ノーベル物理学賞受賞とも相俟って、ますます脚光を浴びつつあるグラフェン、是非 Graphenea 社の高品質な単層グラフェン膜を御検討下さい。

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Graphenea 社のチームメンバー

Team

Jesus de La Fuente / CEO Graphenea

Jesus de la Fuente founded Graphenea in 2010 and is the company CEO. Before founding Graphenea, Mr. de la Fuente was Manager in Arthur Andersen, Director in PricewaterhouseCoopers in the advisory professional services and Managing Director in an industrial materials distribution private company. He holds an Engineering B.S. cum laude from Deusto University and an Executive MBA from IESE Business School.

Jesus de la Fuente / Cief Executive Officer
+34 659 09 31 72 / **j.delafuente@graphenea.com**

Jose M. Pitarke / Board Member

Prof. Pitarke studied Physics at the University of the Basque Country, where he received his PhD degree (with distinction) in 1990 studying some aspects of tunneling spectroscopy and electron and photon emission in solids. After a postdoctoral stay at the Oak Ridge National Laboratory (USA) in the group of Rufus Ritchie, he obtained, in 1993, a permanent position at the University of the Basque Country, which he combined with sabbatical semesters at various USA Universities and the Imperial College of the University of London, UK. Since 2000, he has been full professor of Condensed Matter Physics at the University of the Basque Country. His research interests include condensed matter theory, many-body interactions at solid surfaces and nanostructures, dynamical response of solid materials, nanophotonics, and the interaction of charged particles with nanostructures. Prof. Pitarke is By-Fellow of the Churchill College of the University of Cambridge since 2005. He is also the Director of the Nanoscience Cooperative Research Center nanoGUNE since its creation in 2006.

Luis Hueso / Scientific Advisor

Luis Hueso received a PhD in Physics for the University of Santiago de Compostela (Spain) in 2002. Subsequently he moved to the University of Cambridge (UK) as a Marie Curie Fellow. In Cambrigde he switched his previous research topic (magnetic oxides) to carbon nanotube devices. After three years in Cambridge he obtained another postdoctoral position at the Italian National Research Council, where he joined a group working in the nascent field of spintronics with organic materials. In 2007, Luis Hueso obtained a permanent teaching and research position at the University of Leeds (UK). Since late 2008 he is an Ikerbasque Research Professor and leader of the Nanodevices group at CIC nanoGUNE. Luis Hueso has published more than 50 article along his research career, some of them is journals as prestigious as Nature, Nature Physics or Nature Materials. He has also been in the program

committee of different international conferences, such as the March Meeting of the American Physical Society or the Magnetism and Magnetic Materials Conference.

Manish Chhowalla */ Scientific Advisor*

Manish is a **Professor and the Donald H Jacobs Chair in Applied Physics in the Materials Science and Engineering Department at Rutgers University (NJ, USA)**. He is also the **Director of the Nanotechnology for Clean Energy Program at Rutgers**. He received his PhD from the University of Cambridge in 1998 where he stayed on to do a postdoc until 2000 when he was awarded the Royal Academy of Engineering Postdoctoral Research Fellowship. In January of 2003, he joined Rutgers as an Assistant Professor. He moved to Imperial College London for one year between 2009 and 2010 before returning to Rutgers. He currently holds a Visiting Professorship at Imperial. He has **won the US National Science Foundation's Early CAREER Award**. His research interests are in large area electronics from solution processable materials.

Amaia Zurutuza */ Scientific Director*

Amaia Zurutuza obtained her **PhD in Polymer Chemistry from the University of Strathclyde in Glasgow (UK)** in 2002. During her PhD she worked in the research of novel polymers for biomedical applications. After completing her PhD she did **two post-doctoral fellowships working within two European projects in the field of molecularly imprinted polymers**. At the beginning of 2004, she joined **Controlled Therapeutics Scotland Ltd. (UK) where she was a Senior Polymer Scientist** working in the R&D of new controlled drug delivery systems. Her research contribution in Controlled Therapeutics lead to the publication of 3 patents in novel biodegradable and biostable polymers for controlling drug delivery. In April 2010 she joined Graphenea as the Scientific Director.

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