NOTUS, SOLVING THE ACHILLES’ HEEL OF WIND POWER

Results

Project Information

NOTUS

Grant agreement ID: 829644

DOI
10.3030/829644

Funded under
INDUSTRIAL LEADERSHIP - Innovation In SMEs

Total cost
€ 1 996 041,25

EU contribution
€ 1 397 228,88

Coordinated by
DAS-NANO SL
Spain

Start date
1 September 2018

End date
28 February 2021

Deliverables

Documents, reports (4)

IEC 61400 certificate for NOTUS
IEC 61400 certificate for NOTUS

Scientific papers and whitepapers
Each 4 months

ISO 9000, ISO 14000 and ISO 9100 certificates
ISO 9000, ISO 14000 and ISO 9100 certificates

CE marking and electromagnetic compatibility

Demonstrators, pilots, prototypes (1)

Pre-series production

Publications

Other (1)

Transparent electrodes based on graphene

Author(s): S. Fernández, J.J. Gandía, A. Inés, I. Arnedo, A. Boscá, J. Pedrós, J. Martínez, F. Calle and J. Cárabe
Published in: Nanotechnology and Advanced Material Science, Volume 2(3), 2019, Page(s) 1-3
Publisher: Research Open
DOI: 10.31038/nams.2019232

Conference proceedings (3)

THz To Inspect Graphene And Thin Film Materials
Published in: 44th International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THz), Paris (France), 2019
Publisher: IEEE

Full-area non-destructive and non-contact equipment for the fast and accurate characterization of mobility, carrier density, and conductivity of graphene by means of terahertz technology
Author(s): I. Arnedo, A. Redo-Sanchez, D. Etayo, M. Fernandez, E. Taboada, C. Martinez, and A. Cordón
Published in: GraphIn Conference, 2019
Publisher: GraphIn Conference
Non-contact and non-destructive characterization of mobility, carrier density, and conductivity of graphene

**Author(s):** A. Redo-Sanchez, A. Cordon, D. Etayo, M. Fernandez, A. Lopez, E. Taboada, I. Arnedo

**Published in:** Graphene4US: Graphene & 2D Materials International Conference and Exhibition, 2019

**Publisher:** Graphene4US

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**Towards standardisation of contact and contactless electrical measurements of CVD graphene at the macro-, micro- and nano-scale**

**Author(s):** Christos Melios, Nathaniel Huang, Luca Callegaro, Alba Centeno, Alessandro Cultrera, Alvaro Cordon, Vishal Panchal, Israel Arnedo, Albert Redo-Sanchez, David Etayo, Montserrat Fernandez, Alex Lopez, Sergiy Rozhko, Oihana Txoperena, Amaia Zurutuza, Olga Kazakova

**Published in:** Scientific Reports, 10/1, 2020, ISSN 2045-2322

**Publisher:** Nature Publishing Group

**DOI:** 10.1038/s41598-020-59851-1

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**Advanced Graphene-Based Transparent Conductive Electrodes for Photovoltaic Applications**

**Author(s):** Susana Fernández, Alberto Boscá, Jorge Pedrós, Andrea Inés, Montserrat Fernández, Israel Arnedo, José Pablo González, Marina de la Cruz, David Sanz, Antonio Molinero, Rajveer Singh Fandan, María Ángela Pampillón, Fernando Calle, José Javier Gandía, Julio Cárate, Javier Martínez

**Published in:** Micromachines, 10/6, 2019, Page(s) 402, ISSN 2072-666X

**Publisher:** Multidisciplinary Digital Publishing Institute (MDPI)

**DOI:** 10.3390/mi10060402

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**Mapping the conductivity of graphene with Electrical Resistance Tomography**

**Author(s):** Alessandro Cultrera, Danilo Serazio, Amaia Zurutuza, Alba Centeno, Oihana Txoperena, David Etayo, Alvaro Cordon, Albert Redo-Sanchez, Israel Arnedo, Massimo Ortolano, Luca Callegaro

**Published in:** Scientific Reports, 9/1, 2019, ISSN 2045-2322

**Publisher:** Nature Publishing Group

**DOI:** 10.1038/s41598-019-46713-8

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**EC signature date** 24 October 2018

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