



## **H2020 project NEREID has been launched to map the future of European Nanoelectronics**

Hannover/Grenoble/... February 5, 2016: The NEREID project (“NanoElectronics Roadmap for Europe: Identification and Dissemination”) has been officially launched on Nov. 30<sup>th</sup>, 2015 in Berlin with its Kick-off meeting.

NEREID is a Cooperation and Support action that has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 685559, with the objective to develop a roadmap for the European Nanoelectronics industry, starting from the needs of applications and leveraging the strengths of the European ecosystem. In addition, it will aim to an early benchmark/identification of promising novel nanoelectronic technologies, and identify bottlenecks all along the innovation value chain.

Highlights of the NEREID project, which has a duration of three years, will be three general workshops aiming at gathering the needs of the application sectors, with experts from the fields of Energy, Automotive, Medical/Life science, Security, IoT/Smart connected objects, Mobile convergence, Digital Manufacturing. Specific workshops will define the roadmaps of the different technology sectors in the areas of More Moore, More than Moore, Beyond-CMOS, Heterogeneous Integration and System Design, Equipment and Manufacturing Science, with a broad involvement of leading experts from industry and academia.

As a first means of dissemination, NEREID held its first Workshop on December 1<sup>st</sup>, 2015, in the framework of the European Nanoelectronics Forum in Berlin, Germany. The presentation was attended by representatives of all the 13 project partners and co-partners and many other European actors in the field of Nanoelectronics.

The first General Workshop will be organized by Grenoble INP and SINANO Institute on April 12-13, 2016 in Minatec, Grenoble, France, with the purpose to establish the dialogue between application and technology experts. About 80 international research and application experts are expected to participate in the event, which will be announced separately in March, once the program is fixed.

Read more about the project on [www.nereid-h2020.eu](http://www.nereid-h2020.eu).

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### **About Grenoble INP, Coordinator of NEREID**

Coordinator of NEREID, Grenoble INP is one of Europe's leading technology universities, at the heart of innovation from more than a century. It is involved in major development projects such as Minalogic (micro and nanotechnology and embedded software) and TEnERRDIS (renewable energy) industrial clusters. Grenoble INP also coordinates several

FP7 and H2020 research projects. Lifelong learning is a touchstone of Grenoble Institute of Technology, from bachelor's degree to ongoing professional development. 11 engineering degree courses are on offer in key engineering sciences and Grenoble INP also runs masters and doctorate schools. 5 500 engineers are awarded bachelor's degrees each year and 900 doctorates are also awarded. With its solid combination of teaching, research and business promotion, Grenoble Institute of Technology plays a key role in making Grenoble one of the most attractive scientific and industrial locations worldwide.

More on <http://www.grenoble-inp.fr/welcome/>

**Pictures:**



Francis Balestra during his presentation  
on the first NEREID Workshop on December 1<sup>st</sup>, 2015 in Berlin