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## **NIKKOIA SAS SECURES MAJOR DEVELOPMENT PROGRAMS FOR ORGANIC IMAGING**

### **Nikkola SAS prepares its product line expansion with FP7-funded program on NIR-photosensitive organic materials development.**

*Moirans/Grenoble (France) – 27<sup>th</sup> November 2013 – NikkoIA SAS announces the grant of several collaborative development programs in 2013, totaling more than 1.5 million Euros of cumulated subsidies over the next 2 years to sustain its development roadmap.*

Following the grant of nation-wide collaborative programs from leading public organizations earlier this year, NikkoIA was recently granted a collaborative project for “Organic Semiconductors for NIR Optoelectronics” through Europe’s FP7 Framework Programme.

This project will sustain NikkoIA’s technology expansion through the development of new organic materials sensitive in the NIR spectrum. Project objective is to extend NIR photosensitive organic semiconductor materials to be used for the development of sensors and photodetectors with tunable sensitivity windows. It includes synthesis, characterization and application of NIR absorbing and emitting organic materials for Organic Electronics.

It perfectly complements the other granted programs which are more product-oriented and dedicated to the development of organic image sensors based either on a-Si active matrix TFT backplanes or silicon CMOS substrates, and targeting specific applications such as biometrics, medical and security of goods and people.

The combination of all granted programs wraps up NikkoIA’s comprehensive development strategy and secures its roadmap objectives.

“This grant is a great achievement as it connects us with the leading academic and industrial European players for organic electronic materials”, said A. Jutant, President of NikkoIA. “It secures our development roadmap for the next two years, while we are moving forward with our on-going fund raising process and promising commercial contacts, in line with our business plan. Put together, these three axes of development, funding and commercial achievements strengthen our position to achieve production and commercial ramp up and reap the benefits of our strategy within the next 12 to 18 months” he added.

The consortium is well-placed around leading German, English, Swedish, Greek and Dutch academic institutes in materials science and important industrial players/manufacturers. It covers the full value chain from materials over devices to demonstrators with very complementary experience in the fields of chemistry, materials science, physics, and electrical engineering.

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## **NikkoIA SAS**

NikkoIA SAS is an industrial company designing, manufacturing and selling selective or broadband visible and infrared organic image sensors. NikkoIA's technology relies on photosensitive materials made of a combination of organic and inorganic components, which are deposited with thin-film manufacturing processes onto standard reading CMOS or TFT substrates. NikkoIA's technology enables both the design of low cost large area image sensors sensitive to X-rays, visible and infrared light and the design of CMOS sensors featuring pixel sizes of a few microns and Short Wave Infrared (SWIR) sensitivities (1-2.5 $\mu$ m). It addresses new applications in the medical, security and interactive user interfaces areas.

NikkoIA SAS can be found on the World Wide Web at <http://www.nikkoia.com>

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