

September 2017

H2020 European Grant of 7.800.000 Euro under NMBP-05-2017 for Advanced materials and innovative design for improved functionality and aesthetics in high added value consumer goods.

H2020 call for proposals:

NMBP-05-2017: Advanced materials and innovative design for improved functionality and aesthetics in high added value consumer goods



Title of proposal: Design-driven integration of innovative **PRinted functional **matE**rials **S** into in**T**eractive high-end and fashion consumer **G**oods addressing tomorrow's societal **challE**nges**

Proposal acronym: **PRESTIGE**

PRESTIGE's overall objective is to co-create and demonstrate at TRL7 **high-end and fashion consumer goods for an enhanced interactive urban living by bringing together design-thinking innovation strategies with advanced printed functional materials, process developments and integration.** This will be achieved by gathering in the consortium **the whole value chain** from the designers, material scientists and suppliers, process developers, end-users to the artists and societal stakeholders who will combine their expertise **to tackle tomorrow's societal challenges, such as safe urban mobility, health, well-being and plastics waste management for environment.** **The innovative PRESTIGE methodology will stand as a reference to be disseminated and used for further applications and a wide range of advanced materials in the field of European creative industries (architecture and interior design, decoration, furniture, lighting...) and beyond (food security, smart textiles...)** **Advent Technologies** will provide the high performance organic electronic materials of its portfolio in high quantities and volumes for the fabrication of large area organic solar cells by printing and their integration into the final fashion consumer goods. The total budget of **Advent Technologies** is **320.000 Euro.**

Advent Technologies is a world leader in the development of new materials and systems for energy applications. Advent Technologies is headquartered in Cambridge, MA, USA. The company also occupies research and development space in Patras, Greece where pilot manufacturing is taking place.

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