



## **Nano-Enabled Conducting Materials Accelerating Device Applicability**

Supporting high speed roll to roll integration of  
hybrid and large area electronics

The Necomada project looks to target  
the incorporation of advanced functional  
materials to deliver customised conductive

inks and flexible adhesives compatible with  
high volume manufacturing platforms. The  
development of these enabling materials will  
support high speed roll to roll integration of  
hybrid and large area electronics to address  
opportunities within the internet of things.



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## Developing customised conductive inks

Necomada aims to deliver customised conductive inks and flexible adhesives for high volume manufacturing platforms. Utilising the partner's expertise, the project will aim to create a pilot line and build on CPI pilot facilities (R2R printline).

The consortium will integrate materials development with end application requirements in terms of technical performance (thermal/electrical conductivity, processing conditions, materials integrity and adhesion) and unit cost of production to facilitate market adoption.

The project delivers a supply chain to support future commercialisation: incorporating materials suppliers of inks and adhesives, supporting RTO in Formulation and nano-particle production, established high fidelity print equipment manufacturers, electronic device manufacturers, established pilot line facilities and potential end users from the apparel, packaging and healthcare sector – relating to the internet of things.

Partners:



Necomada started January 2017

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