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# Competitive advantages of

**OPV**

**by**

**Inkjet printing**

Flexibility

Light

Eco-friendly  
(Organic)

All types of substrate

Custom design, can adapt to the surface

Simple and controlled process

Digitisation

Ratio of materials used/disposed of = 1



**Call « LC-SC3-RES-9-2020: Next generation of thin-film photovoltaic technologies »** before « LC-NMBP-28-2020: Advanced materials for innovative multilayers for durable photovoltaics ».

Unique energy harvesting solution for indoor and consumer electronics (IoT).

Objectives:

- Demonstration of NFA based OSCs with efficiency of 20% at lab scale;
- Transfer from lab process to industrial with efficiency at module level of ?% be ambitious !;
- Selection of materials and device structures to reach 7-10 years lifetime;