

# Nano Engineered Organic Surfaces

Nano-enabled surfaces and membranes

*DT-NMBP-Open Innovation Test Bed for nano-enabled surfaces and membranes (IA)*

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Thematic brokerage workshops

EU Brokerage Event on Kets in Horizon 2020

Strasbourg, 17th October 2017

# Laboratory for the Industrial Processes Innovation (LIPI)

- Department of Industrial Engineering of the University of Rome Tor Vergata, Collaboration with BIC (Colleferro)
- Material engineering, Manufacturing processes
- Recent experience in EU-funded projects:
  - **SMART** (Sustainable Molding of Articles from Recycling of Tyres)
  - **GreenPack** (Fully recyclable 100% PET package for food contact with O2 barrier, improved transparency and low CO2 footprint)
  - **SMARTFAN** (Smart by Design and Intelligent by Architecture for turbine blade fan and structural components systems)



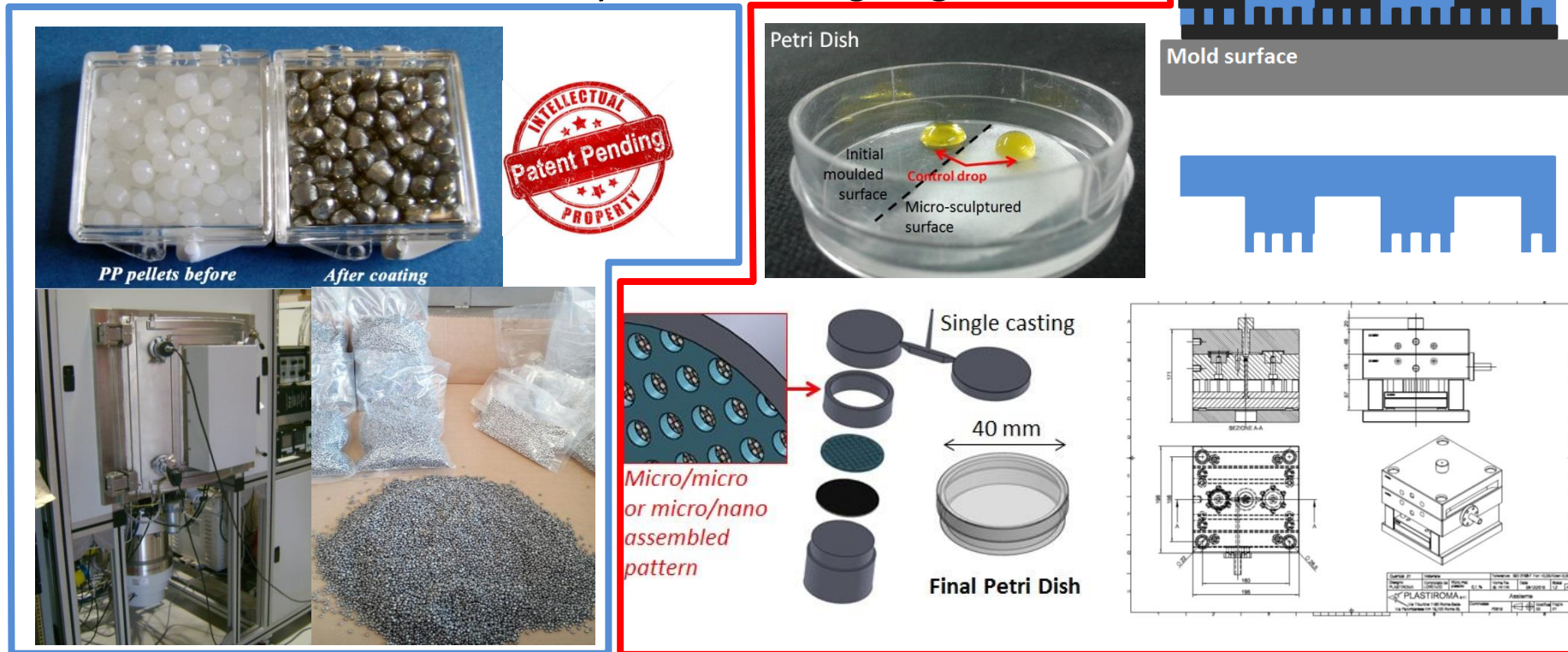
**SmartFAN**



**GREEN  
PACK**

# NEOS - Nano Engineered Organic Surfaces

- Combination of two different strategies in nano-scale
  - Surface morphology and hierarchy
  - Additive formulation by nano-coating fragmentation



# Contact details

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*Grazie*

