

Production of functional coatings for Preventive Conservation

NMBP-33-2018: Innovative and affordable solutions for the preventive conservation of cultural heritage



Thematic brokerage workshops

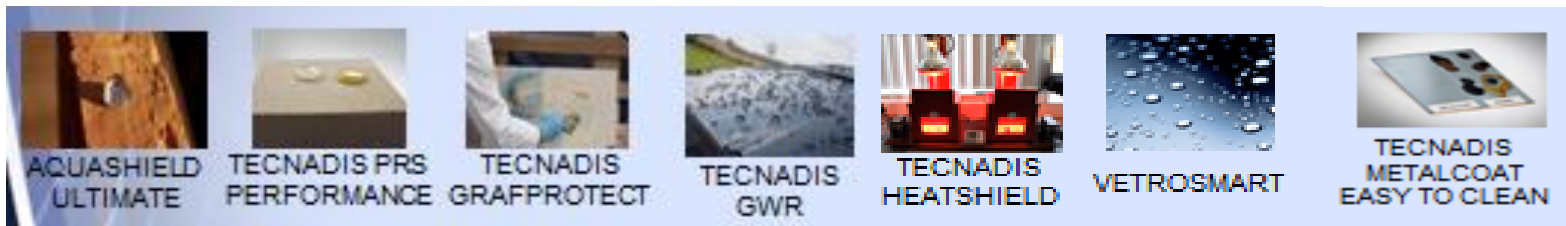
EU Brokerage Event on Kets in Horizon 2020

Strasbourg, 17th October 2017

TECNAN: Tecnología Navarra de Nanoproductos S.L.

ACTIVITY : Industrial scale production and commercialization of **advanced nanoparticles and nano-coatings** (water-repellence for cultural heritage, antirain products for glass, metal protectives, permanent antigraffiti, infrared barrier, etc.)

MAIN COATING PRODUCTS :



EXPERIENCE IN H2020: 4 ongoing H2020 projects:

“Nanomaterials for conservation of European architectural heritage developed by research on characteristic lithotypes” (NANOCATHEDRAL) H2020-NMP-2014-646178

“Innovative multi-functional Vacuum-Insulation-Panels (VIPs) for use in the building sector” (INNOVIP) H2020-EEB-2016-723441

Some REFERENCES in CULTURAL HERITAGE

Sagrada Familia (Barcelona-Spain) - Santiago de Compostela Cathedral (La Coruña-Spain) - **Oviedo Cathedral (Asturias-Spain)** - La Almudena Cathedral (Madrid-Spain) - **National Theater San Joao (Porto-Portugal)** - Our Lady Loreto Church (Lisbon-Portugal) - **Archaeological Site Baelo Claudia (Cadiz)** - Monument “Pace Universale” (Nettuno-Italia) - **La Boquería Market (Barcelona-Spain)**

Our project idea / expertise

- Preventive conservation in museum requires monitoring indoor conditions such as humidity, air quality, specific illumination conditions and applying protective measures.
- TECNAN is highly active in RTD, looking for new applications. We can provide functional coatings for PC and validation through monitoring tools such as:
 - Infrared protective coatings
 - Humidity protective coatings
 - Photocatalytic effect for indoor quality control
 - Coatings with UV filters in glass shield protection

Consortium (if any)

Known partners / Competence offer

Name	Type	Country	Role in the project
TECNAN	SME	Spain	Producer of functional coatings for preventive conservation

Partner search

Profile	Type	Country	Role in the project
	RTD		Experts in monitoring tools
	RTD		Experts in modelling and prediction



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