

#### Virtual Open Innovation Platform for Active Protective Coatings Guided by Modelling and Optimization



## **Collaborative Industrial Innovation**

# along Production Chain of Active Protective Coatings

Data-driven and physics-based multiscale materials modelling

• Ontology based Open Innovation Platform for the development of inhibiting active protective coatings and accelerated corrosion tests for assessing their in-service durability



#### Materials Modelling and Digitalization at B2B2B Environment



#### https://vipcoat-oip.com/welcome

#### **Decision Support System**



- Develop **greener active** protective coatings based on materials modelling and optimization
- Implement Quadruple Helix Innovation Model to drive Open Innovation Process
- Foster collaboration of communities working on advanced materials design: modelling, characterisation and manufacturing

### FOR PEOPLE AND THEIR FUTURE ENVIRONMENT



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