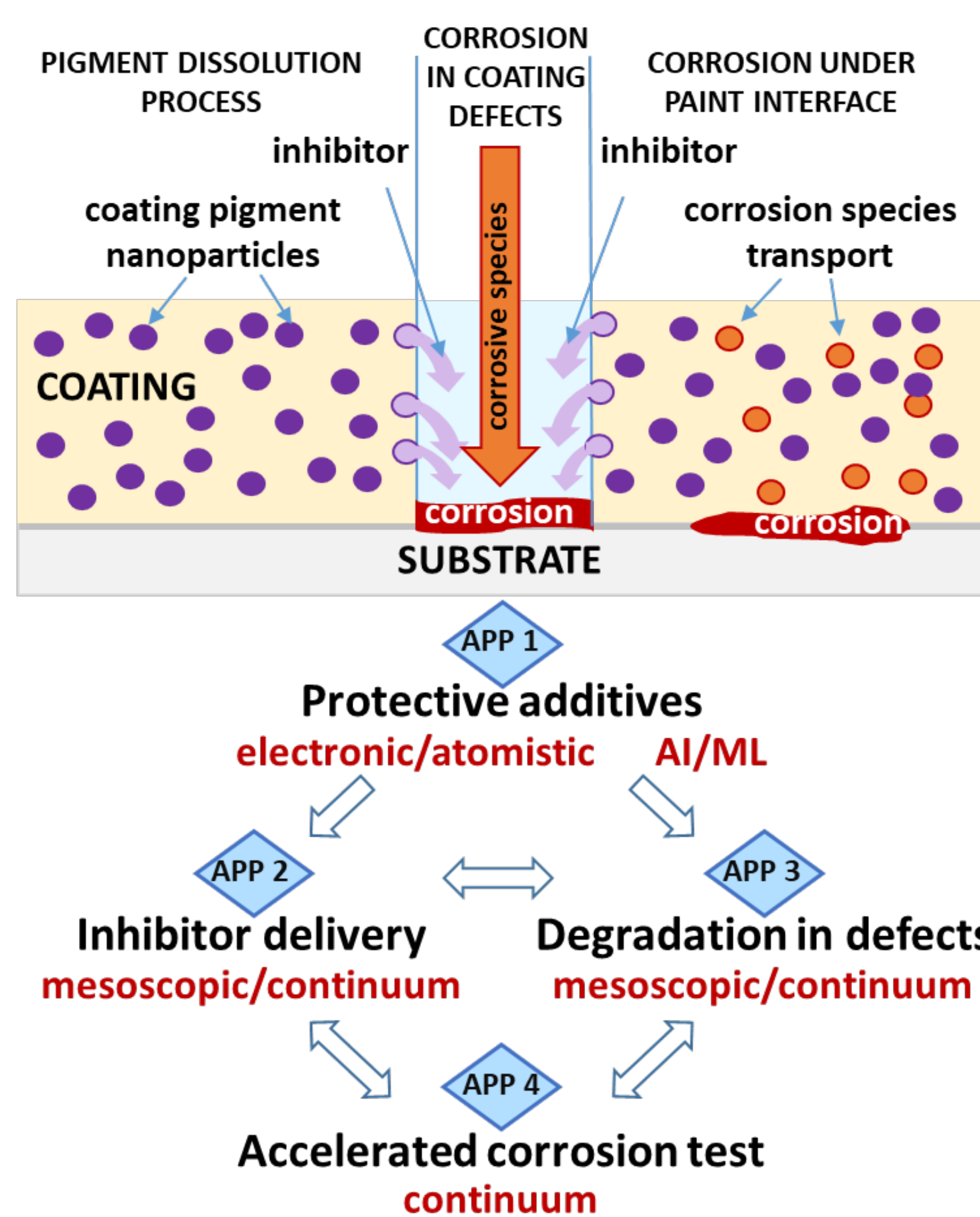


Materials Modelling and Digitalization for Sustainable Active Protective Coatings

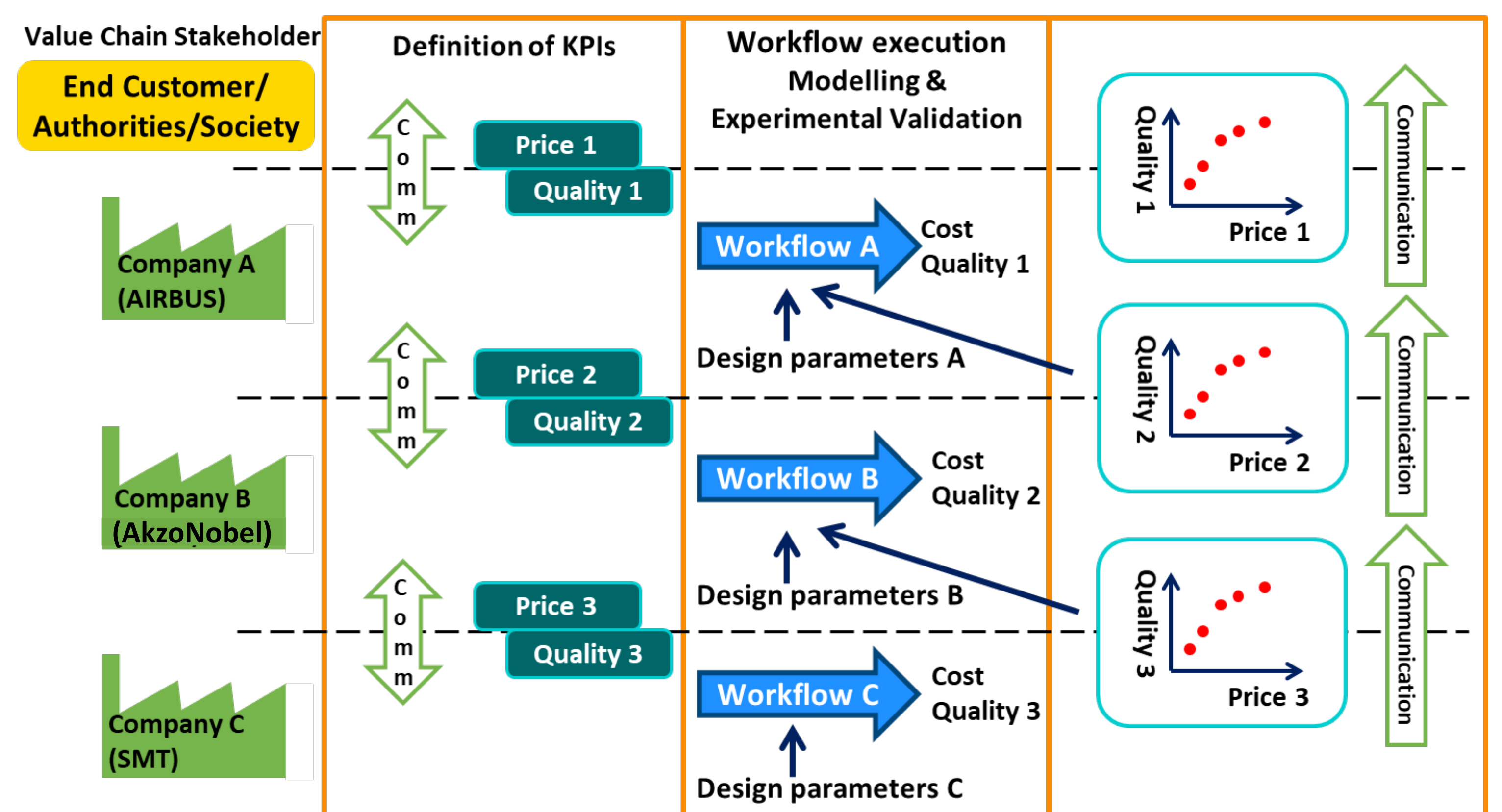
Project Objectives:

- Establish an **ontology based Open Innovation Platform** for the development of inhibiting active protective coatings and accelerated corrosion tests for assessing their in-service durability.
- Develop **interoperable Apps**, based on standardized ontologies as extensions of the European Materials Modelling Ontology, which will enable cross industry fertilization.
- Promote the development of a **greener active protective coatings** based on materials modelling and optimization.
- Implement **Quadruple Helix Innovation Model** for the project development and utilization to drive Open Innovation Process.
- Foster **collaboration of communities** working on materials modelling and characterisation: Open Innovation Platforms, OITBs, OTE and Materials Modelling Market Places

Data-driven and physics-based multiscale materials modelling



Collaborative industrial innovation along production chain



FOR PEOPLE AND THEIR FUTURE ENVIRONMENT



Project Coordinator:
Dr. Natalia Konchakova
natalia.konchakova@hereon.de
www.vipcoat.eu



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