



SCANDINAVIAN COATING 2019
www.scandinaviancoating.com

Extra seminar Wednesday at 15:35h

PLUTO Next Generation Coatings using Low Dimension Carbon material as Graphene

Peter Stenquist and Anders Skalsky from Provexa Technology in Sweden.



5 Years ago, Provexa in Sweden started the journey from being a professional job plater to becoming an R&D company. In customer dialogues we understood that there was a strong need for substantially improved properties in corrosion protection solutions and coatings. We studied literature and research within these domains and were impressed by the properties of low dimensional carbon materials as Graphene. We launched an extensive R&D project with partners as OEM customers, Chalmers University of Technology and Chalmers Industriteknik. We defined a method for applying low dimensional carbon materials in coatings and achieved unique properties. We named it PLUTO, that is the smallest planet far away from EARTH but we found out that despite its size - it's a true innovation.



A New Coating Technology | Technology system extending to multiple functional properties
Top coat | Barrier | Conductive | Discharge protection | Anti Corrosion | Friction Control