Innovative Electrochemistry with New Materials (InnoEMat) – an Overview

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Under the flag of the research program **"Innovative Electrochemistry with New Materials - InnoEMat"** the German Federal Ministry of Education and Research (BMBF) is funding research projects on the topics

- Electrochemical synthesis,
- Electrochemical surface technology
- Electrochemical plants, components, aids, procedures.

As part of its high-tech strategy, the Federal Government aims to promote electrochemistry as one of the key technologies in order to make sustainable solutions to global challenges and to generate innovations for future markets. As a result, the continuous expansion of electrochemical expertise strengthens Germany's international comparison and promotes sustainable growth for the most important German engine of growth the SMEs.

The main research areas of InnoEMat are the development of REACH-compliant coating processes, the deposition of alloy layers from ionic liquids, new sensors for biotechnology and medical technology as well as improved processes for the treatment of process wastewater.

The scientific support project InnoEMatplus

The scientific support project InnoEMatplus, also supported by the BMBF (FKZ: 13XP5028A), is carried out jointly by the partners DGO, DGM and DECHEMA. The task of the accompanying project is to provide the best possible support for all InnoEMat collaborative projects and is essentially aimed at:

- An intensive networking of the InnoEMat collaborative projects
- The preparation and bundling of achieved research results
- The identification of new scientific questions
- Intensive public relations (www.innoemat.com)
- Sustainable results and technology transfer