



» Forschung in Wildau – innovativ und praxisnah «



# Research Group at TH Wildau powerful partner in 3 running EUROSTARS projects

Partnership

## DOUBLELAYER

The project is aimed at the construction of electrical switches, joints, or branches especially in the branches of solar power and wind power generation consisting of an outer shell of high resistivity material, a first conductive gel layer to act as a charge eliminator, a second non-conductive gel layer with high insulation power, UV stability, and inherent flame retardance, the two layers are made of label-free materials with a resistance of  $10^6$  in first and  $10^{16}$  in the second layer

**GT**  
Elektrotechnische Produkte  
Teil der FLOCO Group

GT Elektronische Produkte GmbH develops, produces and sells cable accessories, techniques and mounting supports for reliable cable connections up to 36 kV.

**UNIKASSEL  
VERSITÄT**

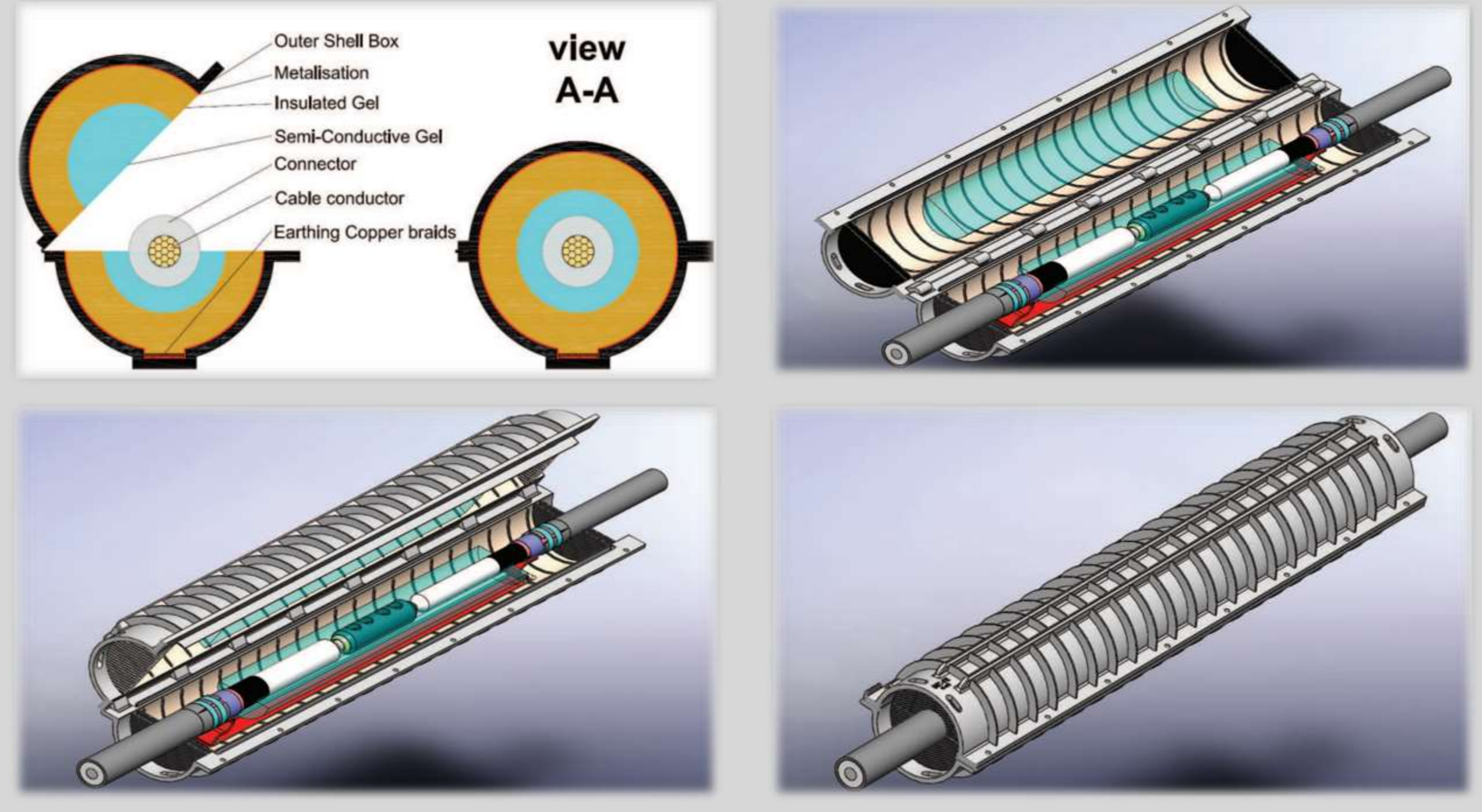
Founded in 1971, the University of Kassel is the newest university in the state of Hessen. Offer a wide range of undergraduate and postgraduate study programs.

**BT & C**  
PRODUITS ELECTROTECHNIQUES

Bureau Technique & Commercial S.A.R.L. France is a specialist provider of power distribution systems in low and medium voltage busbar trunking as well as solutions for electrical connection and sealing.

**EUROPUR**

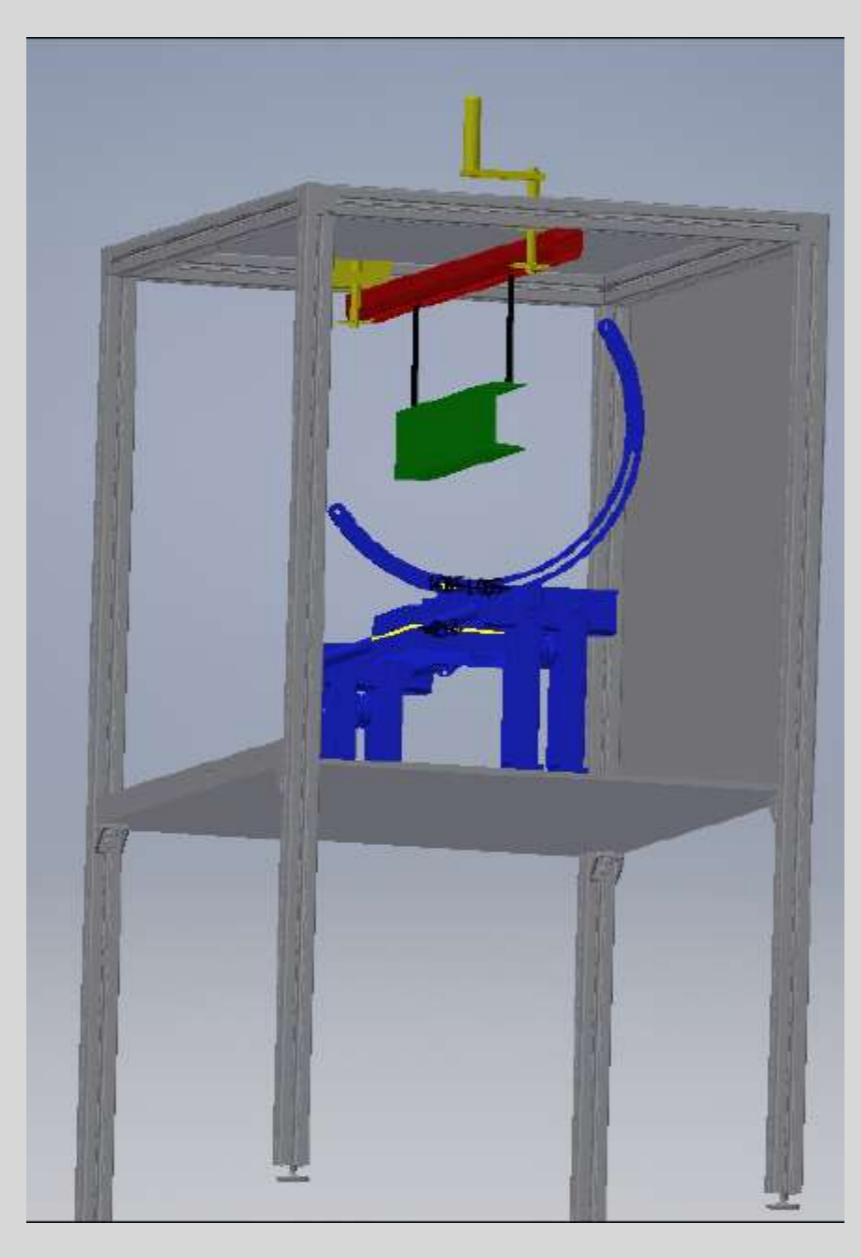
EUROPUR is one of the major producers of polyurethane elastomers and thermoplastic polyurethanes in Slovakia with extensions into Eastern Europe.



and

## METALCOAT

The project is directed to a new type process to coat steel products including galvanized or metal coated steel products by solvent-free coating using a polymer coating material without the application of a primer made by rotational spray coating technology and immediately following a UV curing process to receive metal products smoothly coated by an elastic layer to be chemically bonded to the metal and showing extremely low water and oxygen penetration to avoid corrosion over a long time range.



**Werkzeug- & Metallbau/OL GmbH & Co KG**

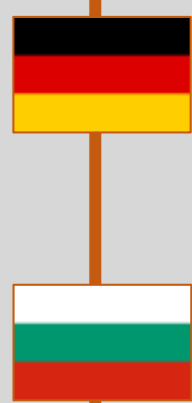
The activities of the company are directed to metal constructions with a focus on products for the plastics processing industry. The main expertise of the company is in the field of metal work with specialization for the plastics processing industry.

**Performance Chemicals Handels GmbH**

Performance Chemicals is a major producer and supplier of polyurethane specialty products. Main competence is in the fields of catalysts, stabilizers, specialty polyols, components of polyurea systems, systems to produce polyurethanes or polyureas.

**26 maü**

26 Mai Ltd. Bulgaria is a manufacturer and exporter of steel and iron parts. The company's production activities are mechanical, thermal and electroplating workshops, fully automatic wastewater treatment plant and chemical analysis laboratory.



Consortium

## CASENIPP

The project aims to develop non-isocyanate systems based on newly developed polycarbonate biscarbonates to be reacted with polyamines in the presence of catalysts to produce a new type of polymers containing besides the aliphatic hydrocarbon backbone carbonate, urethane and urea linkages. The types of poly(carbonate urethane urea) products to be produced are semi-rigid foams, soft elastomers, sealants, adhesives, or anti-corrosive coatings for use in electric and automotive industries.

**Performance Chemicals Handels GmbH**

The company has more than 20 years of experience in the field of developing new specialty products for the polyurethane sector. PC is involved at present in a national network (NEMO BIOCAMP) and supports a running METALCOAT project.

**UBE Corporation Europe**

UBE Corporation Europe (UCE) is a Spanish based company, which part of the Japanese conglomerate UBE Industries. UCE is expert in the production of thermoplastics and polyurethanes, based on UBE's raw materials

**poli-mix**  
TRADING IN POLYURETHANES

POLI-MIX d.o.o is Croatian company specializes in tailor-made systems for nearly all types of applications - both in small and large quantities. Standard systems are also available.

**MTM**  
ПРОФЕСИОНАЛНИ РЕШЕНИЯ ЗА ВАШИЯ БИЗНЕС

MTM EOOD produces Industrial floors, self leveling floors and antistatic floors. Customers of MTM are industrial and processing companies of all sectors within the territory of the country and abroad.

