

contry	project name	coordinatign institution/company	ended/ends in year
Denmark	ELMAC Electronic Systems Manufactured for Climate	DTU	2023
Denmark	Properties, testing and failure analysis of products	DMN - Dänemarks Industriportal zur Lösung materialbezogener Probleme	2020
Europe	iRel40	IFX/ECPE	2023
Europe	Intelligent Reliability 4.0	Infineon Regensburg	2023
Europe	Power2Power - Providing next-generation silicon-based power solutions in transport and machinery for significant decarbonisation in the next decade	Infineon Dresden	2022
Finland	Chemical Exposure and Corrosion of Electronics	LUT University Dr. Tommi Kärkkäinen	2023 (estimate)
Germany	Clarification of aging and corrosion mechanisms of bonded joints in hybrid microsystems	Fraunhofer IKTS	2020
Germany	Clarification of aging and corrosion mechanisms of bonded joints in hybrid microsystems	Fraunhofer IKTS	2020
Germany	Correlation of shear test results and reliability of fine crystalline aluminum-based thick wire bond contacts	Fraunhofer IWM	2019
Germany	Correlation of shear test results and reliability of fine crystalline aluminum-based thick wire bond contacts	Universität Rostock WE3	2019
Germany	Effect analysis of self-healing mechanisms for thermoplastic media-tight injection molded housings - SeiHG		2022
Germany	HiPE-WiND - Multidimensionale Belastungen der Hochleistungselektronik von Windenergieanlagen	Institut für elektrische Antriebe, Leistungselektronik und Bauelemente (IALB), Universität Bremen	2021

Germany	Influencing factor and effect analysis for the simple estimation of the service life of highly stable connections in power electronics	TU Chemnitz	2020
Germany	Investigation of the effect of ionic impurities in thin crevices on realistic structures with new miniaturized components	Fraunhofer ISIT	2021
Germany	IsoGap - Isolation systems for high integrated wide band gap power moduls wiht enlarged reliability tests	ECPE	2020
Germany	IsoGap - Isolation systems for high integrated wide band gap power moduls wiht enlarged reliability tests	ECPE	2020
Germany	IsoGap - Isolationssysteme für hochintegrierte Wide-Bandgap Leistungshalbleitermodule mit erweiterten Zuverlässigkeitstests (Isolation systems for high integrated wide band gap power moduls wiht enlarged reliability tests	ECPE	2020
Germany	KorSikA - Corrosion resistant sinter joints for harsh environment	Fraunhofer IZM	2019
Germany	KorSikA – Korrosionsfeste Sinterverbindungstechnologie für korrosionsgefährdete Anwendungen (Corrosion resistant sinter joints for harsh environment)	Fraunhofer IZM	2019
Germany	Method development for the quantitative evaluation and prediction of the aging of bonds under [high] temperature stress	Fraunhofer IFAM	2019
Germany	power4re - Reliable converters for regenerative energy supply	Fraunhofer IWES	2023
Germany	power4re - Zuverlässige Umrichter für die regenerative Energieversorgung (Reliable converter for renewable energy supply)	Fraunhofer IWES Dr. Katharina Fischer	2023

Germany	ReCoWind - Zuverlässige Frequenzumrichter für Windenergieanlagen; Ausfallursachenanalyse von WEA-Umrichtern mit besonderem Fokus auf Feuchte (Reliable Power Converters for Wind Turbines; Root Cause Analysis for Converters in Wind Turbines with Particular Focus on Humidity)	Fraunhofer IWES	2021
Germany	REWAKO - Resource-efficient water management through innovative corrosion protection	Universität Rostock WE3	2020?
Germany	shift2rail	?	?
Germany	Silver sintering on 3D ceramic substrates for electronics in high temperature applications (AgOn3D) IGF project no. : 20132 N	TH Aschaffenburg / FAU Erlangen-Nürnberg	2020
Germany	ZuLeSELF - Zustandsüberwachung von Leistungselektronik für Serien-Elektrofahrzeuge (Condition monitoring of power electronics for serial electric vehicles)	Fraunhofer LBF Dr. Jürgen Nuffer	2021
Hungary	Environmental tests on the novel lead-free solder alloys used in electronics	BME	2019
UK	Coatings for Harsh Environments (including condensation and immersion testing)	NPL	2021
UK	Understanding electrochemical corrosion in harsh environments at voltages greater than 500V (SIR and CAF)	NPL	2021