

Awarded Projects for the 4<sup>th</sup> Singapore-Germany International Collaboration on Circular Economy

S/N	Project Title	Singapore-Based Principal Investigators (PIs)	Singapore Host Institution	Partner Institution
1	Upcycling of Super Absorbent Polymers via Energy-Efficient and Sustainable Technology Platforms	Dr. Truong Xuan Vinh	A*STAR	
2	“Waste-to-Products” via gasification-based chemical recycling of mixed carbon waste streams for feedstock and product flexibility	Prof. Grzegorz Lisak	NTU	
3	Recycling Wood Waste and Parts for Sustainable Powder and Extrusion-Based Additive Manufacturing	Prof. Paulo Bartolo	NTU	
4	GreenCirc: Towards Zero-waste Valorization of Fruit Pomace and Peel to Bioactives via Green Extraction and Bioconversion	Dr. Melanie Weingarten	A*STAR	TUMCREATE