

Indo-German Science & Technology Centre (IGSTC)

2+2 Call 2023: 1st Stage Shortlisted (recommended) proposals:

S. No	Proposal ID	Project Acronym / Title
1	IGSTC_IND21IGCZ-158	MinuReMem: Mineral and Nutrient recovery from digestate of leather processing and paper recycling industries using membrane and other appropriate technologies
2	IGSTC_IND21IGCZ-040	BETTERyRec: Integrated bio and hydrometallurgical techniques for the recovery of metals from spent battery waste and recycling wastewaters
3	IGSTC_IND21IGCZ-085	NACOPA: Development and characterization of bio-nanocomposites for packaging applications based on polylactic acid (PLA) and fibers from agricultural waste
4	IGSTC_IND21IGCZ-089	BananaCup: Development of a process chain for the environmentally friendly and economical production of sustainable food packaging from banana harvest residues
5	IGSTC_IND21IGCZ-156	MAX-RAP: From Waste to Resource: Challenges and Opportunities in Maximizing Reclaimed Asphalt Pavement Usage
6	IGSTC_IND21IGCZ-055	SuBMat: Sustainable Banana-fiber-reinforced Packaging Materials
7	IGSTC_IND21IGCZ-161	MuScAl: Multiplexing scanning LIBS for high throughput Al scrap identification
8	IGSTC_IND21IGCZ-168	EcoCycle: Innovative use of recycled high-performance waste derived fibres to produce an electric bicycle
9	IGSTC_IND21IGCZ-152	REcoWear: Automated polymer waste recycling and management for circular economies in 3D printed footwear
10	IGSTC_IND21IGCZ-053	Certified Reference Material: Industrial Waste Valorization to Produce Certified Reference Materials for Chemical and X-Ray Fluorescence Analysis
11	IGSTC_IND21IGCZ-078	BIOMOPAC: Biobased functional molded fiber packaging from regional agricultural residues
12	IGSTC_IND21IGCZ-180	AGROPLAST: Agro waste-based bio-composite films for active biodegradable food packaging
13	IGSTC_IND21IGCZ-177	TRANSFORM: Transforming Industrial Silicon Carbide and Silicon Nitride Ceramics Waste into Products towards Material & Environmental Sustainability
14	IGSTC_IND21IGCZ-092	ECOPAVE: Sustainable concrete pavements using high volumes of construction, demolition, and industrial wastes as constituent replacements

15	IGSTC_IND21IGCZ-186	BiSuPa: Development of bio-based multifunctional coating layers and their process scale-up for the production of biodegradable sustainable packaging solutions
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Wait listed proposals:

S. No	Proposal ID	Project Acronym / Title
1	IGSTC_IND21IGCZ-166	ERESSR: Energy- and resource-efficient solid-state recycling of metallic waste
2	IGSTC_IND21IGCZ-183	RCAWPUiC: Utilization of recycled concrete aggregates and waste sludge/powder generated from C&D recycling plants in precast members

IGSTC shall communicate further to the shortlisted project teams in due course.