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LCA	C-10	6	PROCIR-D-25-00318	Comparing Large Language Model Methodologies for Life Cycle Inventory Data Extraction	Kira Fischer
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Advanced Recycling and Recovery Technologies	D-1	2	PROCIR-D-25-00761	Recycling Carbon Fibre Fabrics from Composite Wastes: A Case Study on End-of-Life Bicycle Components	Di He
Advanced Recycling and Recovery Technologies	D-1	3	PROCIR-D-25-00719	Comprehensive analysis of techniques for removing spot welded nickel strips from lithium-ion battery cells	Tom Machiels
Advanced Recycling and Recovery Technologies	D-1	4	PROCIR-D-25-00663	Rethinking Platinum Group Metals (PGMs) Recovery Pathways: A Comparative Life Cycle Assessment	Jingyi Li
Advanced Recycling and Recovery Technologies	D-1	5	PROCIR-D-25-00395	Systematic Optimization of the Induction Based Thermal Demagnetization Process for Rare Earth Magnet Recovery from PM Rotors	Roman Hahn
Advanced Recycling and Recovery Technologies	D-1	6	PROCIR-D-25-00387	Mechanical recycling of PET and PA blended textiles with elastane: Process optimization in pretreatment by improving pellet quality with variable binding agents on a laboratory scale	Sahra Pogrzeba
Disassembly	D-2	1	PROCIR-D-25-00240	Structured Documentation and Evaluation of Manual Disassembly: A Cross-Platform Application for Assessing R-Paths and Automation Potential	Anwar Al Assadi
Disassembly	D-2	2	PROCIR-D-25-00918	Toward Circularity-Driven Product Design Across Varying Disassembly Automation Levels	Lucas Janisch
Disassembly	D-2	3	PROCIR-D-25-00770	Towards Automated Disassembly for Battery Removal of Robot Vacuum Cleaners	Dheeraj Singh
Disassembly	D-2	4	PROCIR-D-25-00695	Dissassembly and circularity assessment of power electronics: power converters for residential elevators	Joan Manuel F. Mendoza
Disassembly	D-2	5	PROCIR-D-25-00662	A Regret-Based Scheduling Framework for Human-Robot Cooperative Demanufacturing Systems	Sander Teck
Disassembly	D-2	6	PROCIR-D-25-00618	A Priority-Rule-Based Approach for the Dynamic Control of Reassembly in Matrix-Remanufacturing Systems	Finn Bail
Disassembly	D-3	1	PROCIR-D-25-00436	Scalable Modeling of Destructive and Non-Destructive Disassembly with Extended Petri Nets for Disassembly Process Planning	Finn-Augustin Brunnenkant
Disassembly	D-3	2	PROCIR-D-25-00419	Screw Localization Accuracy in CT-Based Predictions for De-Manufacturing	Niels Griffioen
Disassembly	D-3	3	PROCIR-D-25-00343	Engineering design for disassembly: test of a time-based methodology and the LeanDfD software tool	Claudio Favi
Disassembly	D-3	4	PROCIR-D-25-00337	Evolution of the disassembly map towards a standardized and software-readable format for virtual product disassembly	Claudio Favi
Disassembly	D-3	5	PROCIR-D-25-00279	Projection-Based Augmented Reality to Support Human Intervention in Robotic Disassembly: A Case Study for Bike Batteries	Willem Mahy
Disassembly	D-3	6	PROCIR-D-25-00260	Gentle loosening for non-destructive disassembly of operationally seized threaded fasteners	Richard Blümel
Digital Product Passports for Life Cycle Engineering	D-4	1	PROCIR-D-25-00252	A demonstration workshop for the use of the DPP for SMEs	Timo Köring
Digital Product Passports for Life Cycle Engineering	D-4	2	PROCIR-D-25-00725	Enabling the Concept of an Integrated Product Data Model for Life Cycle Engineering by Digital Product Passports	Joanna Steiner
Digital Product Passports for Life Cycle Engineering	D-4	3	PROCIR-D-25-00703	Enhancing Traceability in Sustainable Manufacturing by Linking Digital Product Passports with Digital Process Passports	Ishaan Kaushal
Digital Product Passports for Life Cycle Engineering	D-4	4	PROCIR-D-25-00280	Digital Product Passport as a Digital Twin? Analyzing Conceptual Intersections and Deriving Design Elements	Helena Ebel
Digital Product Passports for Life Cycle Engineering	D-4	5	PROCIR-D-25-00804	Smart-Circularity Assessment for Digital Product Passports in the Textile-Exporting Countries of the Global South	Pratik Ganesh Dake
Digital Product Passports for Life Cycle Engineering	D-4	6	PROCIR-D-25-00642	A Conceptual Model to Assess the Environmental Impacts of Digital Product Passports	René Herbert Reich
Artificial Intelligence for Life Cycle Engineering	D-5	1	PROCIR-D-25-00245	Enhancing Digital Product Passports for the Circular Economy with Generative AI	Monireh Pourjafarian
Artificial Intelligence for Life Cycle Engineering	D-5	2	PROCIR-D-25-00328	Development of ontology based knowledge construction tool with large language model	Takehisa Nishida
Artificial Intelligence for Life Cycle Engineering	D-5	3	PROCIR-D-25-00290	Data-driven decision support and control for adaptive circular production of plastics by injection molding	Aleksandra Naumann
Artificial Intelligence for Life Cycle Engineering	D-5	4	PROCIR-D-25-00285	Case-Based Reasoning and Knowledge Graphs to Support the Pattern-Based Engineering of Resilient and Sustainable Production Networks	Jan Felix Niemeyer
Artificial Intelligence for Life Cycle Engineering	D-5	5	PROCIR-D-25-00272	Knowledge extraction method for failure identification using multimodal generative AI	Takayuki Uchida
Artificial Intelligence for Life Cycle Engineering	D-5	6	PROCIR-D-25-00265	Automating life cycle inventory modelling with large language models	Evangelos Kallitsis
System-Level Modelling and Simulation for Life Cycle Engineering	D-8	1	PROCIR-D-25-00779	Roadmap for Decarbonizing Production in Emission-Intensive Industries: Considering Lean, Digital, Sustainable, and Green Technological Measures	Olivia Bernhard

System-Level Modelling and Simulation for Life Cycle Engineering	D-8	2	PROCIR-D-25-00361	A Hybrid Approach Combining Macroscopic Traffic and Life Cycle Simulations to Evaluate Environmental Loads of Regional Transportation Including Ridesharing	Hidenori Murata
System-Level Modelling and Simulation for Life Cycle Engineering	D-8	3	PROCIR-D-25-00783	A Conceptual Multi-Level Framework For Designing And Assessing Business Models And Value Chains For The Circular Economy Combining Pattern-based Approaches And Hybrid Simulation	Christopher Thomas Dormeier
System-Level Modelling and Simulation for Life Cycle Engineering	D-8	4	PROCIR-D-25-00386	Simulation-Based Decision Support for Circular Spare Parts Management in the Commercial Vehicle Sector: The Case of High-Voltage Batteries	Marius Hermsen
Absolute Sustainability	D-9	1	PROCIR-D-25-00424	On Ambidexterity of Leadership and Organizational Design in the Context of Relative and Absolute Sustainability	Robert Miehe
Absolute Sustainability	D-9	2	PROCIR-D-25-00302	Aligning Green Certifications with Planetary Boundaries	Sareh Shahrabifarahani
Absolute Sustainability	D-9	3	PROCIR-D-25-00841	Absolute Sustainable Product Engineering (ASPE) - A Methodological Framework for Engineering within Absolute Limits	Kristian König
Absolute Sustainability	D-9	4	PROCIR-D-25-00837	Safe Operating Space (SoS) Allocation and Uncertainties: An Australian Perspective	Sami Kara
Absolute Sustainability	D-9	5	PROCIR-D-25-00355	Framework for multi-dimensional absolute environmental sustainability and product criticality assessment of emerging battery technologies	Siavash Aghaei
Organizational and Societal Dimensions of Life Cycle Engineering	D-10	1	PROCIR-D-25-00796	Evaluating UK ETS Effects and Life-Cycle Engineering Opportunities for Emissions-Intensive UK Listed Companies	Shoaib Sarfraz
Organizational and Societal Dimensions of Life Cycle Engineering	D-10	2	PROCIR-D-25-00767	Scan your Trash: Exploring Participatory Data Capture to enrich Object Detection Datasets for Post-Consumer Plastic Sorting	Natalie Basedow
Organizational and Societal Dimensions of Life Cycle Engineering	D-10	3	PROCIR-D-25-00727	Exploring Decision Rationalities of Project Managers Steering Sustainable Development	Sandra Naomi Morioka
Organizational and Societal Dimensions of Life Cycle Engineering	D-10	4	PROCIR-D-25-00760	A framework for equitable allocation of internal carbon pricing and GHG emissions to support firm-level and sectoral decarbonisation	Daren Zong Loong Tan
Organizational and Societal Dimensions of Life Cycle Engineering	D-10	5	PROCIR-D-25-00571	Towards a Reference Architecture Model for the Perpetual Innovative Product	Gabriel David Moser