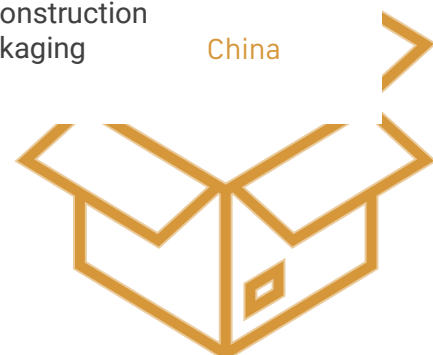


TOPIC 1: Packaging materials

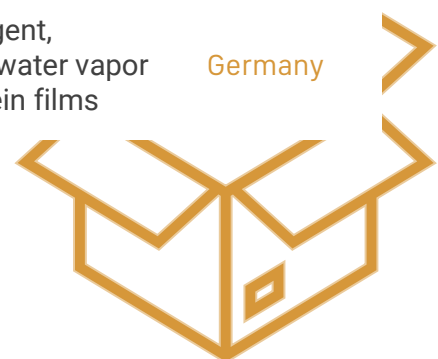
Dian Xu	MICHIGAN STATE UNIVERSITY	Crystallization of Poly (lactic acid) Films Induced by Alcohols: A Temperature-Dependent Study	USA
Virpi Korhonen	PACKAGE TESTING & RESEARCH LTD	Consumer attitudes towards forest industry and wood-based packaging materials	Finland
Mieke Buntinx	UNIVERSITY OF HASSELT	A lab approach to simulate and estimate the effects of thermoforming on the gas permeability of commercial multilayers	Belgium
Enni Luoma	VTT TECHNICAL RESEARCH CENTRE	Sustainable materials for extrusion coating of regenerated cellulose substrates	Finland
Sergio Benítez	CETEC	PHBV-based materials for food packaging applications	Spain
Humayun Nadeem	iPRACS	Chemically modified cellulose nanofibrils: A balance between hydrophobicity and energy consumption	Belgium
Rajesh Koppolu	VTT TECHNICAL RESEARCH CENTRE	Suberin fatty acid derived bio-based dispersion coatings for barrier packaging	Finland
Saúl Calabuig	ITENE	Development of recyclable hot melt adhesive paper tape	Spain
Eric Martine	HEIG-VD	Barrier properties of based biomaterials films for packaging	Switzerland
Shuting Huang	JIANGNAN UNIVERSITY	Cellulose nanocrystals for the construction of sustainable antibacterial packaging materials	China



Susana Miescher	ZURICH UNIVERSITY OF APPLIED SCIENCES	Development and optimization of the extrusion of potato peel based biocomposite films	Switzerland
David Valdesueiro	IFF	Designed enzymatic biomaterials as biodegradable barrier material with functional performance for flexible packaging	Netherlands
Uxua Pérez	FUNDACIÓN I+D EN AUTOMOCIÓN Y MECATRÓNICA	Cellulose derivatives and shellac to improve the sustainability of barrier coatings in packaging applications	Spain
Hayden McGreal	TORONTO METROPOLITAN UNIVERSITY	Development of poly (lactic acid) and thermoplastic starch (TPS) layered films for sustainable packaging applications	Canada
Fátima Poças	UNIVERSIDADE CATÓLICA PORTUGUESA	Development and characterisation of nano-cellulose and lignin-based paper coating	Portugal
Pattarin Leelaphiwat	KASETSART UNIVERSITY	Biodegradable packaging for mitigating Colletotrichum gloeosporioides in horticultural products	Thailand
Candice Rey	UNIVERSITÉ GRENOBLE ALPES	High performance and recyclable cellulosic materials: the Cellulose Valley solution	France
Maxime Legay	UNIVERSITÉ GRENOBLE ALPES	Printing stiffeners on the surface of folding or e-flute corrugated boards: a bio-inspired approach to lighten packaging	France
Vesa Kunnari	VTT TECHNICAL RESEARCH CENTRE	Novel regenerated cellulose based barriers on cartonboard	Finland
Rafael Auras	MICHIGAN STATE UNIVERSITY	Population Balance Modeling for Simulating Molecular Weight Distribution in Hydrolytic Degradation	USA
Alexander Leo Bardenstein	DANISH TECHNOLOGICAL INSTITUTE	Molded pulp packaging containers for chilled dairy products	Denmark



Chris Vanheusden	HASSELT UNIVERSITY	Use of Miniemulsion to Produce Polyhydroxyalkanoate/ZnO Nanocomposite Films via Extrusion or Ultrasonic Spray Coating	Belgium
Kapphapaphim Wanitpinyo	KASETSART UNIVERSITY	Exploring the Impact of Copper Nanoparticles Coatings on the Antimicrobial Characteristics of Paper-Based Packaging	Thailand
Carolina Barros	PIEP	Biodegradable thermoplastic films for flexible food packaging	Portugal
Nucharin Luangsa-Ard	KING MONGKUT'S UNIVERSITY	The Production of Nanocellulose from Hemp to Use as Raw Material for Production of Nanocellulose-based materials	Thailand
Vanessa Almeida	ITAL	Flexible packaging with lower environmental impact for fresh yeast	Brazil
Marius Jesdinszki	FRAUNHOFER IVV	Current challenges in the functionalization of paper for high barrier packaging applications	Germany
Shefali Tripathi	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	Ultraviolet (UV) barrier flexible chitosan/Acacia catechu-based packaging films for food safety	India
Vinay Kumar	VTT TECHNICAL RESEARCH CENTRE	Novel regenerated cellulose films for packaging applications	Finland
Ram Kumar Deshmukh	INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE	Improvisation of PVA and Guar Gum composite by Micro-fibrillated Cellulose for heat sealable packaging	India
Johanna Lahti	VTT	Polyhydroxyalkanoates (PHAs) in extrusion coating of fiber-based substrate	Finland
Corina Reichert	ALBSTADT-SIGMARINGEN UNIVERSITY	Effect of fatty acid grafting reagent, temperature, and technique on water vapor transmission rate of whey protein films	Germany



Phornphrom Cheen Koopthavonrerk	PTT MCC BIOCHEM CO., LTD.	Simplifying high barrier, home compostable flexible packaging: introducing BioPBS high barrier sealant film	Thailand
Anna Sadzik	ALBSTADT-SIGMARINGEN UNIVERSITY	Effect of Fatty acid grafting of alginate-coated PLA on barrier properties	Germany
Begonya Marcos	IRTA	NIR spectroscopy as a tool to investigate the impact of sample pretreatment on microplastics	Spain
Uruchaya Sonchaeng	KASETSART UNIVERSITY	Biodegradability and morphology of PLA/PBAT films incorporating metal oxides	USA
Kristina Eissenberger	ALBSTADT-SIGMARINGEN UNIVERSITY	Modifications of polymer films by low energy electron radiation	Germany
Xu Li	A*STAR	Innovation with Polymer Nanocomposite for Sustainable Food Packaging	Singapore
Frédéric Deantoni	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	Impact of environmental and mechanical stresses on the permeation properties of barrier paper	Switzerland
Nusrat Sharmin	NOFIMA AS	Development and characterization of bio based films from PHBV-PBS blends for food packaging applications	Norway
Astrid Odeberg Glasenapp	RISE AB	Competing materials to Corrugated board	Sweden
Patthamawade e Nuamduang	KASETSART UNIVERSITY	Transport coefficients of aroma compound through the microperforated films	Thailand
Carolina Peñalva	AITIIP TECHNOLOGY CENTRE	Novel coatings made from pulses to increase barrier properties in biobased and biodegradable films for food packaging	Spain



Katharina Miller	KU LEUVEN	Citric acid modified potato peel coatings can replace EVOH as an oxygen barrier	Belgium
Bram Bamps	UHASSELT	A study into the hot tack and cooled seal performance of emerging coated papers for primary flexible food packaging	Belgium
Marit Kvalvåg Pettersen	NOFIMA AS	Recyclable materials with high barrier – Effect of in-pack processing on the barrier performance	Norway
Min DeGruson	COMMERCE	Comparing mechanical, barrier and seal properties of traditional and sustainable alternative plastic films for cheese	USA
Mariam Qaiser	LOUGHBOROUGH UNIVERSITY UK	Surface Degradation Assessment of Reusable Plastic Food Packaging for a Circular Economy	United Kingdom
Ksenija Maksimovic	DOW	Ethylene copolymers for Sustainable Packaging	Spain
María José Jiménez	ITENE	Compostable solutions for food packaging aiming at reducing landfill disposal and food waste	Spain
Juuso Toriseva	VTT TECHNICAL RESEARCH CENTRE	Sustainable packaging materials through novel tandem coating process	Finland
Eliezer Velásquez	LABEN CHILE	Reprocessing post-consumer high impact polystyrene: Incorporation of thermoplastic elastomers	Chile
Jennifer Mitja	TOTALENERGIES CORBION	PLA bioplastic, a material of the future available today. Sustainable end of life options for Luminy® PLA	Netherlands

