

**SPRING OF  
INNOVATION  
2020**

25-26-27  
MARCH

International  
Conference  
on Innovation  
and Circular  
Economy

University  
of Santiago  
de Compostela

**ONLINE PROGRAMME**



## DAY 1: 25th of March 2020

**09:30 - 10:00 Opening session: Blandine Laperche and Xavier Vence**

10:00 – 11:00

1.A CIRCULAR ECONOMY CONCEPTUALIZATION AND CRITICAL APPROACHES	The Circular Economy at a crossroad: Technocratic Eco - Modernism or Convivial Technology for Social Revolution?	Mario Pansera, Andrea Genovese	Autonomous University of Barcelona, University of Sheffield
	The circular economy, its fundamental cycle, its tensions	Benjamin Fragny, Cathy Zadra-Veil, Solenne Castillan	ESPI Group
	To the roots of the circular economy. the collapse theory.	Sophie Boutillier	Université du Littoral-Côte d'Opale

11:00 – 12:00

1.B GLOBAL VALUE CHAINS, CIRCULAR ECONOMY AND INTERNATIONAL ISSUES	The environmental dimension of intra - EU trade: new disparities revealed	Hugo Campos, Oscar Rodil	University of Santiago de Compostela
	The United States- South Korea Free Trade Agreement : Economic Effects and Institutional Innovations	Luchen Cai, Santos M. Ruesga, Antonio Vázquez Barquero	Autonomous University of Madrid
	Debilidades y fortalezas del sistema de innovación en Paraguay: nuevas estrategias y políticas para su dinamización	Selva Olmedo Barchello	University of Santiago de Compostela

**12: 00 – 12:15 Coffee Break**

12:15 – 13:15

2A. EU POLICY FOR CIRCULAR ECONOMY	New regional laws for circular economy in Spain	René Javier Santamaría Arinas, Ignacio Barriobero Martínez, David San Martín Segura, Lucía Muñoz Benito	Universidad de la Rioja
	Is circular economy compatible with strong market rules and competition law ?	Alba Nogueira	University of Santiago de Compostela
	The first EU circular economy legislative package: more waste law with little legal innovation	Beltrán Puentes	University of Santiago de Compostela
	Sectoral cross-cutting policy recommendations for the revised EU CE Action Plan (version 2.0)	Jeff Dodick, Yamit Naftali, Dan Kauffman	Ben Gurion University of the Negev Jerusalem Institute of Policy Research Sapir Academic College

## Lunch: 13:15 – 14:30

14:30 – 15:30

2B. INNOVATION	Impacto microeconómico das políticas de innovación no sector do medio ambiente: Avaliación da execución do Programa FEDER-Innterconecta do Fondo Tecnolóxico 2007-2013 en Galicia	Diego Sande	University of Santiago de Compostela
	Specificities of environmental innovation dynamics in service firms. The French case	Céline Merlin-Brogniart, Simon Nadel	Lille University
	El papel de la eco-innovación en el cambio hacia una economía circular: una aproximación empírica del perfil de las empresas eco - innovadoras españolas	Karen Hinojosa, Ángeles Pereira	University of Santiago de Compostela
	Putting Responsible Research and innovation (RRI) in practice: the case of the WooBAdh project	Sara Bello, Sara. González, Gumersindo Feijoo, Maria Teresa Moreira	University of Santiago de Compostela

15:30 – 17:00

3A. INDICATORS AND TOOLS FOR CIRCULAR ECONOMY	Sectoral and productive structure of the circular economy in the European Union	Leandro Llorente, Xavier Vence	University of Santiago de Compostela
	Integrating the circular economy paradigm into the global environmental sustainability: a framework of absolute environmental indicators	Brais Suárez - Eiroa, Emilio Fernández, Gonzalo Méndez - Martínez	University of Vigo
	The role of ports in industrial ecology and circular economy: construction of a dashboard of indicators	Blandine Laperche, Sonia Veyssiere, Le S.T.K., J. Gruwez, G.Cotonnec	University of Littoral Côte d'Opale Grand Port Maritime de Dunkerque
	Towards a methodology to define and adopt production systems lifetime extension strategies.	Andrea Barni, Silvia Menato, Alessandro Fontana, Marzio Sorlini	Institute of Systems and technologies for Sustainable Production
	"ZERØ": Strategic tool for corporate circularity	Miguel Varela, Iago Elizechea	TEIMAS

## DAY 2: 26th of March 2020

09:30 – 10:45: Plenary Conference: Walter Stahel

**10:45 – 11:00 Coffee Break**

11:00 – 12:15

<b>3B. INNOVATION FOR CIRCULAR ECONOMY: TECHNOLOGY AND SOCIAL DIMENSION</b>	Institutional and social dimensions of circular economy: The case of methanization	Nabila Arfaoui, Christian Le Bas, Marie-France Vernier, Linh-Chi Vo	ESDES, Lyon Business School
	Social aspect of distributing recycling via additive manufacturing: exploratory analysis of recycling intention at the International fair of Nancy	Anamaria Barrera, Fabio Cruz Sanchez , Hakim Boudaoud , Sina Leipold	Université de Lorraine University of Freiburg
	Arising social risks and uncertainty management experiences from public research and development organizations : decision process analysis for responsible innovation in nanotechnology applied to wool's productive chain in Argentina.	Silvana Curcio	University of Buenos Aires
	The recycling of automotive lithium-ion batteries: The case of the UK	Viet Nguyen-Tien, Robert J.R. Elliott, Gavin Harper	University of Birmingham
	Three- dimensional (3D) printing as an emerging disruptive technology to manufacture new goods based on wood waste from local sources in a circular economy framework	German Ferreira, Carlos González-Val, Santiago Muiñoz-Landin, Clara Palleiro	AIMÉN

12:15 – 13:30

4A. POLICY PACKAGES FOR CIRCULAR ECONOMY	Public and Private partnerships to overcome limited resources: How Israel uses and reuses precious water assets in its countrywide circular system ?	Jeff Dodick, Steven Zecher, Yamit Naftali, Dan Kauffman	Ben Gurion University of the Negev Jerusalem Institute of Policy Research Sapir Academic College
	Fiscal instruments to promote the Circular Economy: application to the case of repair, maintenance and reuse activities in Mexico.	Sugey López, Xavier Vence	University of Sinaloa University of Santiago de Compostela
	A policy package to promote circular economy in the electronics industry: a proposal based on the critical review of the current regulatory framework	Ángeles Pereira, Xavier Vence, Leandro J. Llorente-González, Beltrán Puentes-Cociña	University of Santiago de Compostela
	Systematic Literature Review of the Dutch Green Deals; Micro and Meso level Public-Private Partnership Agreement	Sven Kevin van Langen, Renato Passaro	Parthenope University of Naples
	Public procurement as a tool to promote innovative service business models	Ángeles Pereira, María del Carmen Sánchez-Carreira, María Concepción Peñate-Valentín	University of Santiago de Compostela

**13:30 – 15:00 Lunch Break**

15:00 – 16:15

4B. CE BUSINESS MODELS	Economía circular y cadenas alimentarias cortas: el caso de LENTURA	Manuel Santos, Ángeles Pereira	University of Santiago de Compostela
	Business model drivers and barriers in the transition towards a Circular Economy: A case study analysis	Marie Briguglio, Leandro Llorente, Chris Meilak, Angeles Pereira, Jonathan Spiteri	University of Malta University of Santiago de Compostela
	Circular economy and repair activities: an analysis of the industrial structure and regional distribution in the EU	Francisco López, Xavier Vence	University of Santiago de Compostela
	How to innovate business models for a circular economy?	Mechthild Donner, Hugo De Vries	INRA, UMR MOISA INRA, UMR IATE
	Development of sustainable Business Models for co-creation-ecosystems.	Günther Schuh, Volker Stich, Tobias Leiting, Andreas Külschbach	FIR at RWTH Aachen

16: 15 – 16:30 Coffee Break

16:30 – 18:00

5A. LOCAL AND REGIONAL CIRCULAR ECONOMY	Économie circulaire : Pour une transition durable des territoires. Le cas de la région Fes-Meknes	Lahbi Fatima Zahrae	Faculté Euromed des sciences humaines et sociales et Faculté des sciences juridiques économiques et sociales de Fes
	Practices for implementing an intelligent circular economy in cities	Sangboliéwa Lanzeny Ouattara, Laila Aligod, Hebatalla Kaoud	University of Abidjan Sidi Mohamed Ben Abdellah University Nile University
	Building new territorial development models through circular economy : a systematic literature review	Sonia Veyssière, Blandine Laperche, Corinne Blanquart	Universite Gustave Eiffel University of Littoral Côte d'Opale
	Innovation spaces as enablers of the circular economy within territories: a systematic literature review	Fedoua Kasmi, Ferney Osorio, Brunelle Marche, Laurent Dupont	Université de Lorraine Universidad Nacional de Colombia
	Can the circular bioeconomy dissolve in its own territory? The case of the ex-Champagne-Ardenne region (France)	Romain Debref	University of Reims Champagne-Ardenne

## DAY 3: 27th of March 2020

09:30 -11:00

5B. RESOURCES, CIRCULAR ECONOMY AND IMPACTS	From a technological demonstrator to a sustainable supply chain demonstrator	Brunelle Marche, Fedoua Kasmi, F. Cruz - Sanchez, F. Mayer, Laurent Dupont	Université de Lorraine
	Innovation Processes in Circular Economy : insights from Anaerobic Digestion Project	Danielle Galliano, Amélie Gonçalves, Pierre Triboulet	UMR AGIR – INRA Occitanie Toulouse
	Integrated sustainability analyses for roadside management: a cyclical causality model	Bautista S., Camargo M., Morel L., Bachmann C	Université de Lorraine
	Littoral bas carbone sur la Côte d'Emeraude	Eve Ross, P. Y. Glorennec	Université De Rennes 2 Association Arvelmarine
	Unveiling the potential of circular economy for Water Resources Management.	A. Dumont, R. Debref	UNESCO International Hydrological Programme University of Reims Champagne-Ardenne
	Evaluation de l'impact de l'économie circulaire sur les émissions de CO2 en Europe	Michelle Mongo	Institut Henry Fayol, Coactis

**11:00 – 11:15: Cofee break**

11:15 – 12:00

5C. REGIONAL STRATEGIES FOR CIRCULAR ECONOMY: THE GALICIAN CASE	Design of a circular economy strategy. The case of the Galician Circular Economy Strategy	Miguel Rodríguez	University of Vigo
	Análisis crítico de la Estrategia Gallega de Economía Circular, a partir de la metodología del metabolismo socioeconómico.	Rosa Regueiro, Xoan Doldán	University of Santiago de Compostela
	The discourse of circular economy at a local level; an analysis of the implications of the implementation of the Circular Economy Action Plan in Galicia (Spain)	Josep Pinyol, Mario Pansera	University of Exeter

12:00 – 13:00

6A.BUSINESS MODELS (2)	Circular economy in the small textile retail sector: a return to roots? A case-study in Brussels Capital Region.	Marine Spor	SASHA – architecture et sciences humaines
	Fast fashion and slow transition towards CE : an analysis of the leading mass market Inditex-Zara	Ángeles Pereira, Xavier Vence	University of Santiago de Compostela
	The textile industry: in search of sustainable business models	Céline Merlin-Brogniart	Université de Lille

13:00 – 14:30 Lunch Break

14:30 – 15:30

6B. DO IT YOURSELF INEDIT	H2020 project INEDIT (open INnovation Ecosystems for Do It Together process) focuses on the experimentation of an Open Manufacturing Demonstration Facility (OMDF) around a multi-site demonstrator, through the co-creation of sustainable furniture. With this first international and multidisciplinary workshop, the INEDIT consortium involves you in the co-design of this augmenting Do It Yourself concept, popularized by Fablabs, and adapting its best practices for SMEs and customers. Your challenge: how to design and manufacture new customized, sustainable, and "connected" products in interaction with all stakeholders, and in the shortest possible time to market?	INÉDIT Partners
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15:30 – 16:30

CE EXPERIENCES: TECHNOLOGIES, COMPANIES AND PORTS	L'écologie industrielle dans le Port de Dunkerque	Gwenaelle Cottonnec	Grand Port Maritime de Dunkerque
	Valorizando a terra galega. Transformando un residuo en recurso para os sectores agroforestal e gandeiro	Josefa de León	AGROAMB
	Other invited speakers		

16:30 Closing Session