

RE-CENTRE ONLINE WORKSHOPS SERIES

for SMES and clusters'staff

2023



Furn. - Lvg. Spaces,
IT & Grn. Sectors



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THE PROJECT

RE- CENTRE



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Cross-sectoral Cluster approach for higher competitiveness through digital, green transition and resilience.

This e-book is part of the RE-CENTRE training programme for clusters and SMEs. The aim of RE-CENTRE is to support SMEs from the three sectors involved (furnishings-living spaces, IT and green) in the development of innovation projects and new business models to become more competitive and resilient through collaboration.

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01. Circular Design

The circular economy encourages sustainable production through strategies like sharing, reusing, and recycling, emphasizing the importance of integrating circular design during the initial product development stage for lasting impact.

02. New Materials for the Furniture Sector

Materials play a central role in addressing diverse challenges, influencing innovation and sustainability across industries, as emphasized in the workshop on incorporating new materials for more sustainable outcomes.

03. Circular Bussines Models

Successfully transitioning to sustainability involves rethinking business-client relationships and prioritizing sustainability in business models, as explored in the workshop on circular business strategies.

04. Environmental Communication

The workshop emphasizes effective communication of genuine environmental achievements in the furnishings sector, guiding SMEs to reduce their impact through targeted sustainability goals and avoid 'greenwashing' practices.



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05. Instruments for Circular Economy

For sustainable business growth, focuses on utilizing circular economy tools, including Business Process Analysis and Enterprise Resource Planning, with a focus on graphic languages like ARIS and UML for effective task flow from concept to deliverables.

06. Digital Green Potential

Innovate business models for a greener, circular economy by connecting digital technologies with sustainability concepts like 'digital twin,' 'IoT,' 'blockchain,' and 'decarbonization.'

07. Innovation in Green Energy Technologies

New trends in energy efficiency, thermal insulation, and the utilization of solid waste for energy generation.



08. Digital Transformation

Exploring Digital Transformation models like Agile and Design Thinking, using a case study on a consortium's journey, emphasizing contributions to Environmental Protection.

Workshop 1 (20.06.2023)

Circular economy is a model of production and consumption which involves sharing, leasing, reusing, repairing, refurbishing and recycling of existing materials, components and products to make their recirculation as long as possible, creating further value for all of them.

Studies show 75% of the final production process and material decisions are made during the design stage. This fact shows how important is to introduce design strategies and solutions to improve the impacts that the whole product life cycle provokes, because this path to circularity needs to be defined in the design stage.

In this workshop, participants have received some basic theory about circular design, the strategies to be used and the benefits a company can get of their application in order to boost the circularity of their products and services.



CIRCULAR DESIGN

by Àlex Jiménez



Learn more



Video of the workshop
(with best practices)

NEW MATERIALS

for the furniture sector by Àlex Jiménez

Workshop 2 (18.07.2023)

Think of just about any major challenge we will have to face over the next decade and materials are at the center of it, from the production of energy in a more sustainable way to the creation of products with better performance, more lightweight or that don't produce waste. Materials are at the core of innovation, being defined at the early decision of the design process, generating an impact that influences industry, society and has even cultural values.

In this workshop participants have received some basic theory about new materials and how to implement them to obtain more sustainable results.



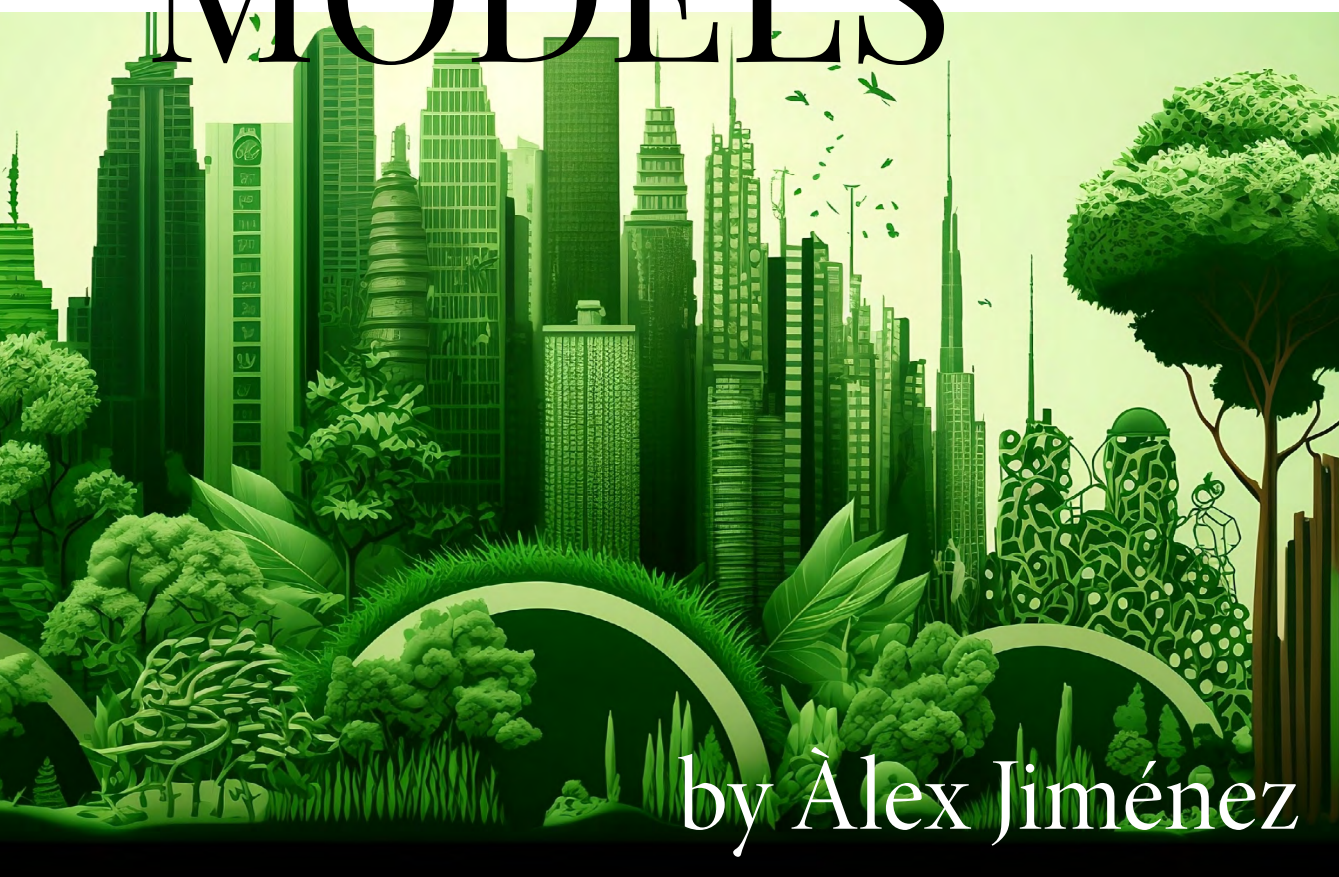
[Learn more](#)



[Video of the workshop
\(with best practices\)](#)

FOR THE FURNITURE SECTOR

CIRCULAR BUSSINES MODELS



by Àlex Jiménez

Workshop 3 (27.09.2023)

The transition towards sustainability implies making profound changes, as citizens and governments but also from companies' perspective. Often these changes do not simply involve improving the impact of some processes, but rather fundamentally rethinking our relation with our clients and how we obtain profitability. That is why introducing sustainability at the center of our business model is key to successfully completing the transition towards sustainability.

In this workshop participants have received some basic theory about business models that improve the circularity of businesses and how to implement them to obtain more sustainable and profitable results.



[Learn more](#)



[Video of the workshop
\(with best practices\)](#)

**Studio :**

Nutcreatives Studio

Meet the expert :

Àlex Jimènez, is a designer and engineer with more than 14 years of experience designing and developing products under sustainability criteria in sectors like furniture, lighting, packaging or technological accessories.

He is the CEO of Nutcreatives and has a wide experience teaching sustainable design to different audiences and levels, from university students to businesses or other organizations.

in [alexjimenezhigueras](#)

Àlex Jimènez

ACCELERATING (OR STARTING) YOUR COMPANY'S
TRANSITION TO WORKING SUSTAINABLY

ENVIRONMENTAL COMMUNICATION

Workshop 4 (25.10.2023)

This workshop focuses on “environmental communication” or, to be more precise, on “truthful and effective communication of the environmental improvements achieved by companies” and, in particular, by SMEs in the furnishings sector.

Participants have holistically understood how a furnishings company can reduce its impact by working on specific sustainability objectives and how to communicate them while avoiding “greenwashing”.



Learn more



Guide of
envi. comm.



Video of the
workshop
(with best pract.)



by Júlia Farriol



**Studio :**

Inèdit Studio

Meet the expert :

Júlia Farriol, is a product designer from Elisava (Barcelona), a master's degree in Eco-social Design from the Libera Università di Bolzano (Italy).

Awarded the 2021 Ecodesign Catalunya Award for "the Unwrapping" project, a reusable packaging system based on standardization that seeks low-waste distribution and consumption.

Currently working at inèdit as part of the Ecodesign and Circular Company area, with a focus on innovation and design to detect improvement opportunities and accompany businesses in the implementation of circular solutions.

in [juliafarriolduran](#)

Júlia Farriol Duran

INSTRUMENTS FOR CIRCULAR ECONOMY

BUSINESS PROCESS ANALYSIS AND ENTERPRISE RESOURCE PLANNING

Workshop 5 (08.12.2023)

When it comes to growing your business, managing the framework of all cumulative tasks can become burdensome and the structure of business processes can start lacking optimal organization. This is why systems that help structure these processes are crucial for sustainable growth.

Our workshop focuses on Instruments for circular economy – mainly Business Process Analysis and Enterprise Resource Planning. We focus on two types of graphic languages used to implement them – ARIS and UML that help formulate a comprehensive flow of tasks and consequences from concept to deliverables.



[Learn more](#)

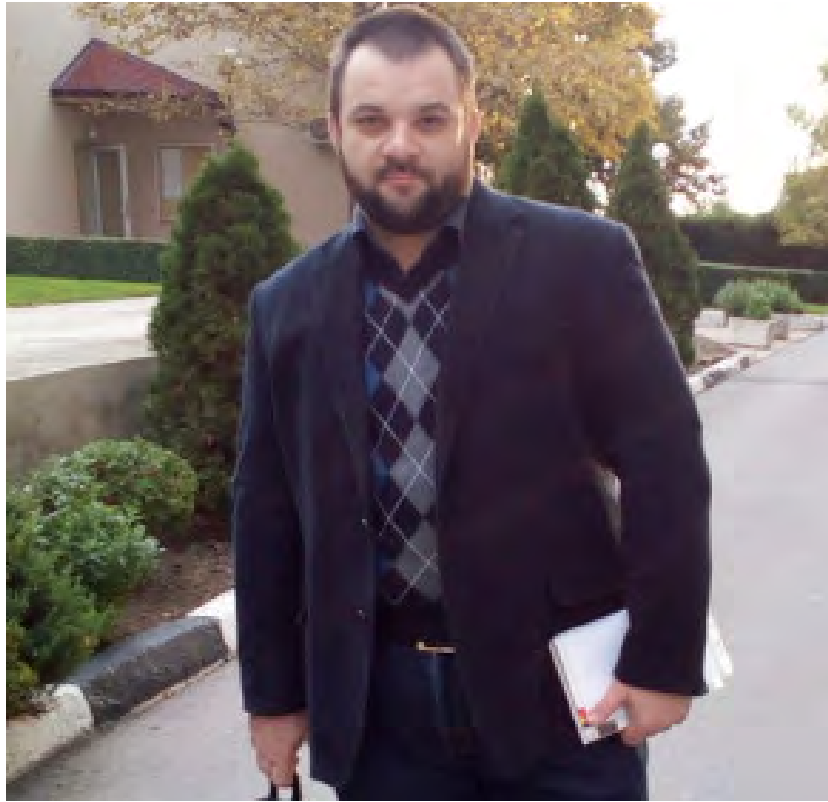


[Learn more](#)



[Video of the workshop
\(with best practices\)](#)



**Company :**

University of Telecommunications and Post

Meet the expert :

Victor Gladchenko, currently the Scientific Manager at the University of Telecommunications and Post in Bulgaria, has extensive experience, encompassing more than 13 years in the intricate field of business process analysis.

As an expert, he dedicates his efforts to guiding enterprises towards the development of action frameworks with a focus on optimizing operational processes that drive sustainable growth and organizational excellence.

in victorgladchenko

Victor Gladchenko

Workshop 6 (14.12.2023)

In this interactive webinar we aim to create a fertile ground for innovation in business models and manufacturing processes towards a greener, circular and low-carbon economy. We will provide expert-input and hands-on exercises to help participants understand the fusion of digitalisation, sustainability, and innovation across diverse SME sectors. We will also facilitate the exchange of SMEs good practices and create the context for further collaboration between participants

In this workshop, participants will be able to connect digital technologies with effective sustainability outcomes, feel more comfortable to integrate concepts like "digital twin", "IoT", "blockchain", "supply chain transparency", "decarbonisation", "life cycle assessment" into their professional activity and feel more ready to connect their professional activity to opportunities brought by integrating digitalisation and sustainability into their businesses.



by Natalia Ciobanu

DIGITAL GREEN POTENTIAL

EMPOWERING SMES TOWARDS SUSTAINABILITY



Natalia Ciobanu

Company :

Endava

Meet the expert :

Natalia Ciobanu, is a sustainability professional, speaker and trainer, with a PhD in resilience of social-ecological systems to climate change impacts. She is currently the Group Environmental Manager of Endava, a software development company, where she oversees the implementation of the company's environmental strategy across 28 countries globally.

She has over 15 years of experience in the sustainability field supporting, advising and collaborating with companies from various sectors and regions, NGOs, public institutions and academia. Her experience as a trainer and facilitator on sustainability topics motivated her to co-author several educational games and two books on sustainability literacy.

Natalia's motivation in pursuing engagements across sectors stems from the desire to create a sustainable world that nurtures present and future generations.

in [nataliaciobanuofficial](#)

INNOVATION IN GREEN ENERGY TECHNOLOGIES

SUSTAINABLE PRACTICES AND NEEDS IN THE SECTOR



by Aleksandar Vodenicharov
& Georgi Atanasov

Workshop 7 (19.12.2023)

This workshop featured two guest speakers who presented new trends and developing technologies. Aleksandar Vodenicharov discussed energy efficiency and insulation materials, emphasizing the significance of thermal insulation in the industrial and construction sectors. Georgi Atanasov addressed and its application in processing municipal solid waste to generate energy, with a focus on circularity and value creation in the supply chain. Following the presentations, discussions were initiated regarding the necessity and readiness of these technologies, as well as their broad applications.

The participants got familiar with new innovations and technologies, offering valuable feedback to the presenters on potential improvements and opportunities in new market niches.



[Learn more](#)



[Learn more](#)



Aleksandar Vodenicharov

Company :

ISE Energy Ltd

Meet the expert :

Aleksandar Vodenicharov is the CEO of ISE Energy Ltd – an international company providing a wide range of services in the industrial sector – from project coordination and management, to assembly, installation and maintenance of industrial plants.

Aleksandar himself has over 25 years of experience in the sector and is strongly involved in various R&D projects involving new materials for construction.

in alexvodenicharov

Georgi Atanasov

Company :

Enerkon Ltd

Meet the expert :

Georgi Atanasov is the CEO of Enerkon Ltd – a company focused on energy efficiency, that does energy audits and invests significant efforts into developing innovative solutions in the sector of green energy and circularity.

He is an engineer with extensive experience in thermal power engineering and automatization processes.



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AGILE



Complexity and
Uncertainty



Customer
Engagement



Cross Functional
Collaboration



Scope
Flexibility



Team
Empowerment



Time to Market
Pressure

DIGITAL TRANSFORMATION & New Ways of Working by Mihai Svasta

Workshop 8 (25.01.2024)

This webinar explore two pivotal Digital Transformation models, delving into the New Ways of Working: Agile, Design Thinking, and Lean Startup, and their integral role in Digital Transformation.

Participants will engage in an in-depth analysis and discussion of a compelling case study involving a major consortium's Digital Transformation journey and its significant contributions to Environmental Protection.

In this workshop participants have received some basic theory about new materials and how to implement them to obtain more sustainable results.



Learn more



Video of the workshop
(with best practices)

**Company :**

ICG Integrated Consulting Group

Meet the expert :

Collaborates closely with C-level executives and their teams, guiding them through Transformation and Innovation projects. As a Certified Management Consultant and a PhD in Innovation Management, he brings a rich fusion of expertise, skills, and ethical insights. His approach is designed to empower leaders and their teams, enabling them to navigate complex changes with strategic acumen and innovative thinking.

in mihaisvasta

Mihai Svasta



RE-CENTRE :

Furnishing - Living Spaces, IT & Green Sectors

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