



## Assessing the Sustainability of the Circular Economy

Pescara Cresting workshop, 12-16 April 2021

### **Programme guide of final online Cresting workshop**

Organised by the Department for Economic Studies,

G. d'Annunzio University, Chieti – Pescara



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 765198



## Organising team



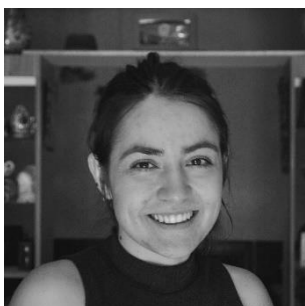
**Prof. Andrea Raggi**

Full Professor in Industrial Ecology at G. d'Annunzio University, Chieti-Pescara and leader of WP5



**Prof. Alberto Simboli**

Associate Professor of Commodity Science and Technology at G. d'Annunzio University, Chieti-Pescara



**Anna M. Walker**

ESR 5.1 and PhD Candidate at G. d'Annunzio University, Chieti-Pescara

## Online hosting support



**Erik Roos Lindgreen**

ESR 5.2 and PhD Candidate at University of Messina



**Katelin Opferkuch**

ESR 5.3 and PhD Candidate at Universidade Aberta



Workshop outline		MON 12	TUE 13	WED 14	THU 15	FRI 16	SAT 17
SESSION 1	9.00	ESR progress presentation	Free	Co-authoring with other scientists and non-scientists	Science to policy interface and the Green Deal	Writing a grant proposal	Free
	10.00						
Break		Break	Break	Break	Break	Break	Virtual tour of Abruzzo   



## Speaker profiles



**Dr. Michele Galatola**

Policy officer European  
Commission - DG GROW

Michele Galatola has a University Degree in Environmental Sciences and Post-doc on Life Cycle Assessment. After having worked in Italy for the National Research Centre for Environment, Energy and Innovation (ENEA), in 2005 he moved to Brussels to work for the European Commission. After 5 years in the Directorate General for Research, where we mainly worked to support the research agenda related to sustainability assessment methodologies, in 2010 he moved to the Directorate General for Environment where he managed the EU Ecolabel scheme and started the conceptual work that then lead to the development of the Product Environmental Footprint (PEF) method. PEF is currently considered the best practice worldwide in the area of life cycle assessment, used by several industries and also in some national legislations (e.g. Italy). Since 2019 Michele is working in the Directorate General for Internal Market, Industry, Entrepreneurship and SMEs, focusing on the implementation of sustainability approaches into product-related EU policies.



**Sanjeevan Bajaj**

Vice Chair-Executive  
Committee, Director,  
FSLCI, CRPG

Sanjeevan Bajaj serves as Vice-Chair of the Executive Committee, Forum for Sustainability through Life Cycle Innovation (FSLCI)-Berlin, and Director of Council for Research on Policy and Governance, New Delhi. Previously she worked as a CEO of the FQF at Federation of Indian Chambers of Commerce and Industry, where she set up the India LCA Alliance and its strategic partnership with UNEP's Life Cycle Initiative. She co-chaired the Initiative's Phase 3 flagship on global capability development and later served on its Steering Committee. Her interest in environmental sustainability is more than a decade old now, and over the years she has learnt that environmental problems are no longer about the nuisance of kerbside garbage or air pollution, but also about natural systems being in danger all around, threatening the existence of life as we know it today. Furthermore, she is in the advisory board of the Social Life Cycle Alliance. She is very interested in figuring out and implementing practical ways of bringing businesses on board with decoupling economic growth from resource use, balancing social impacts of economic activity, respecting planetary boundaries, eliminating waste and increasing circularity in economic systems.



**Dr. Michele Del Grosso**

Program Manager Global  
Sustainability, APTAR

Michele Del Grosso graduated in Industrial Ecology and Ph.D. in Business, Institution & Markets started his career at Aptar leading product-LCA analysis, waste management and energy management projects for Beauty and Home EMEA segment. Today he is leading corporate GHGs reporting, global energy road map and Net Zero program supporting corporate sustainability strategy to optimize value chain impact promoting decarbonization processes





**Prof. Monia Niero**

Associate Professor,  
Aalborg University

Monia Niero graduated as a Chemical Engineer and in 2013 she received a PhD in Industrial Engineering from the University of Padova (Italy) with a thesis titled “Solutions to improve the reliability and applicability of Life Cycle Assessment in industries”. From 2013 to 2018 she was a postdoctoral fellow at the Technical University of Denmark (DTU), where she was involved in several research projects aiming at using Life Cycle Assessment to support decision making in the agricultural and packaging sectors. She was involved in a 4 years collaboration with Carlsberg Group, aiming at implementing circular economy strategies both at organizational and product levels. Since March 2018 she joined the Department of Planning at Aalborg University in Copenhagen as Associate Professor in Life Cycle Assessment and Design for Sustainability. Her current area of research focuses on sustainability assessment of circular economy solutions from a life cycle and socio-technical perspective.



**Dr. Michael Saidani**

Postdoctoral Research  
Associate, University of  
Illinois at Urbana-  
Champaign

Michael Saidani is currently (since January 2019) a postdoctoral research associate at the University of Illinois at Urbana-Champaign, within the Industrial and Enterprise Systems Engineering Department, under the supervision of Prof. Harrison Kim. It aims to advance the sustainable design, usage and end-of-life of complex products, in close industrial collaboration with John Deere. His research work deals particularly with the implementation of circular economy principles. It seeks to measure, improve and monitor the circularity and sustainable performance of industrial systems, including technical products and related services.



**Prof. Andy Jonas**

Professor of Human  
Geography, University of  
Hull

Andy Jonas (BA Durham University, MA and PhD The Ohio State University) is Professor of Human Geography at the University of Hull, UK, and team member/supervisor on the Cresting project. He researched and taught in the USA for 14 years before returning to the UK to take up his current post. He has held visiting scholar positions at the Universities of Washington, Denver and Kentucky (USA), Simon Fraser (Canada), Helsinki and Oulu (Finland), and Macquarie (Australia). Andy’s research examines the governance of urban and regional development, with a particular focus on the geopolitics of city-regions and the financing and provision of urban and regional infrastructure. He is also interested in the diverse ways in which sustainability and the circular economy are transforming urban economies in Europe and the USA. Andy has published 6 books, more than 100 peer-reviewed research articles and book chapters, and c.130 conference papers/abstracts. A recent published study placed him in the top 20 globally most productive and cited urban geography scholars.



**Prof. Fausto Di Vincenzo**

Associate Professor,  
Università G. d'Annunzio –  
Pescara

Fausto Di Vincenzo is Associate Professor of Business Organization at the G. d'Annunzio University of Chieti-Pescara. He holds a PhD in Management from the Catholic University of the Sacred Heart. He consolidated his academic experience as a visiting researcher / professor at KU Leuven (Katholieke Universiteit Leuven), the University of Greenwich (London), Chalmers University (Goteborg) and the KTH Royal Institute of Technology (Stockholm). His research interests mainly concern organizational innovation and tools for generating and evaluating ideas, the role of social capital in knowledge-intensive organizations, the organization of networks in healthcare. His research activities have received numerous awards and recognitions (among others, the Academy of Management and the Royal Society of Operational Research). He is currently Associate Editor of Creativity and Innovation Management journal (edited by Wiley) and carries out training and consultancy activities for public and private institutions.



**Francesca Patarnello**

VP Market Access &  
Government Affairs,  
Astrazeneca

Francesca Patarnello is, since March 2017, Vice President Market Access & Government Affairs, AstraZeneca Italia. With a degree in Statistics and Economics, she began her career in Farmitalia Carlo Erba, passing successively from Fidia to GlaxoSmithKline. Before AstraZeneca she spent three years as Value and Access Director in Amgen, working to make the innovative pipeline accessible to patients. Before moving to the Market Access, she played a number of roles in medical science, including HTA Director and Scientific Director and Quality. Member of several working groups, Francesca covered a series of academics positions at the University of Bologna, Catania, Novara, Padova and Verona. She is co-author of numerous publications regarding innovation of drugs, on HTA and on market access. She is passionate, open minded, and interested in exploring innovative solutions to collaborate with external experts, public health and society.



**Roberta Destefanis**

Systemic designer  
Mercato Circolare

Roberta Destefanis is a systemic designer expert in social innovation processes and Design Thinking methodology. She collaborates with Mercato Circolare as manager of the training area and support for the impact assessment team. She also collaborates with Cooperativa N.E.M.O (Nuova Economia in MONTagna) on projects aimed at the sustainable development of inland areas. She has collaborated over the years with the University of Gastronomic Sciences, Slow Food, Palm Design, the Comieco Consortium, Barley Arts and SocialFare | Center for Social Innovation.



**Nadia Lambiase**

CEO & Founder  
Mercato Circolare

Nadia Lambiase is a PhD student in Innovation for the circular economy at the University of Turin; she worked for 10 years in Banca Etica in planning and management control activities. Co-author of theatrical texts for performances on economics, finance and circular economy for the collective Pop Economix.



**Dr. Serenella Sala**

Senior Researcher,  
European Commission  
Joint Research Centre

Serenella Sala is a scientific officer, scientific project manager at the Joint Research Centre of the European Commission since 2010. She is the Deputy Head of Unit of the Land resource Unit of the Directorate D- Sustainable Resources, and the team leader of the life cycle assessment group of the JRC. She is coordinating the activities on life cycle assessment (LCA), with specific focus on its application at meso and macro scale for supporting policies. She is an environmental scientist, holding a PhD in Ecology. Her research activities have been always focused on sustainability assessment of supply chains, adopting Life cycle assessment as reference methodology. With strong interdisciplinary approach, she developed methodologies and models for sustainable development, integrated environmental assessment, life cycle assessment, risk assessment for supporting eco-innovation of process and products as well as resource efficiency. Between 2001 and 2010, she was the coordinator of the Research Unit on Sustainable Development (GRISS) at the Department of Environmental Science at University of Milano Bicocca. She had teaching positions at University (as adjunct professor) and in many post University courses on LCA applied to a wide array of sectors.



**Dr. Javier Sanchez Lopez**

Scientific / Technical  
Project Officer, European  
Commission Joint  
Research Centre

Javier Sanchez Lopez is currently working at the European Commission's Joint Research Centre as Project Officer in the Bio-economy Unit. Performing knowledge management activities within the coordination team of the Knowledge Centre for Bioeconomy, more specifically with the role of 'knowledge broker', i.e. collecting, collating, synthesising and communicating research for policymaking. Bachelor's degree in Environmental Science at Alcalá de Henares University and a PhD in Agronomy of biomass crops at the College of Agricultural Engineering, Technical University of Madrid. MSc. on Climate hazards and Environmental Impact Assessment at the State Meteorological Agency of Spain and Complutense University of Madrid. I have more than ten years of experience in research on the sustainable production of biomass, the environmental and economic analysis of bioenergy and bio-based value chains, the optimization of biomass logistics and the monitoring of the bioeconomy. I worked in a consultancy SME involved in European research projects on the analysis of the environmental performance of bio-based products for the private sector. Some experience as a lecturer in university studies, e.g. the College of Agricultural Engineering (Technical University of Madrid) and in the MSc. Renewable Energies, Hydrogen and Fuel Cells from the International University Menendez Pelayo (UIMP) and the Spanish National Research Council (CSIC). Perfectly adapted to teamwork, multicultural environments and eager to learn innovative concepts, methodologies and get new capabilities.





**Paolo Masoni**

President and CEO,  
Ecoinnovazione

Paolo Masoni is CEO and President of Board of Directors of Ecoinnovazione srl. Member of the Stakeholder Advisory Board of Edison spa. In 2018-2020 he was appointed member, in his personal capacity, of the Technical Expert Group on Sustainable Finance of the European Commission. He is expert in analytical methods and tools for sustainability assessment with a life cycle approach, in support to the decision-making process and to sustainability-related policies. Formerly he was Research Director, at Sustainability Department of ENEA participating in several international networks and working groups, and working closely with industries and industry associations in several sectors. He coordinated several European projects on Life Cycle Assessment and Sustainability Assessment. He promoted and chaired the Italian LCA Network. He was President of SETAC Europe in 2012-13. Advisor for the Italian Ministry of Environment on Sustainable Consumption and Production policy and Green Public Procurement, he also supported the development of the Italian environmental label Made Green in Italy. He represented Italy in the Technical Advisory Board of the Product and Organisation Environmental Footprint Pilot phase of the European Commission and in the Steering Committee of the Global Network of Interoperable LCA Databases (GLAD) promoted by UNEP and the International Forum on LCA. He works as reviewer of research and innovation programs and projects for the European Commission, Italian Ministry of Economic Development, the Czech Republic and Italian regional authorities.



**Tze Ni Yeoh**

Consultant, World Bank

Tze Ni Yeoh is an economist turned circular economy specialist. She holds a BSc Economics from London School of Economics and a Master in Public Policy (MPP) from Harvard Kennedy School. At Harvard, she co-founded the university's first ever Circular Economy Symposium and her thesis focused on evaluating and proposing a roadmap to develop a viable recycled plastics market in Vietnam. She is currently a consultant at the World Bank Group and Danone; focusing on projects related to the circular economy, competitiveness, and plastic value chains. At the World Bank, her work spans circularity in plastics in West Africa and East Asia Pacific. At Danone, she is part of the Circular Economy team under the Plastics Cycle. She supports Indonesia brands with projects to achieve sustainability targets in packaging design and collection of end consumer waste. She has also published several articles on the topics of sustainability and circular economy on ASEAN Today, Chatham House, and Harvard-affiliated platforms.



**Massimiano Tellini**

Director, Global Head  
Circular Economy, Intesa  
Sanpaolo Innovation  
Center

Massimiano Tellini is a strategic thinker & opportunity maker at Intesa Sanpaolo (ISP) Global Banking Group. An economist by training, he is innovator by vocation. He is leading the #CircularEconomy department at ISP Group. He is also the Author of 'Re-think' (2013) - a documentary about the need to reframe present global business models & the discourse about Climate Change. He holds a Post MBA Master of Advanced Management from Yale, an MBA from Hong Kong University of Science & Technology, was part of the Climate Change Leadership Program at Cambridge University and did his Bachelor's Degree in Business & Economics at the Luiss Guido Carli University in Italy.

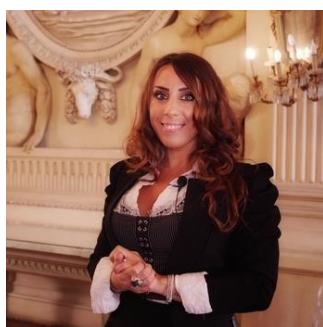




**Leslie Swynghedauw**

Vice President ESG  
Research, MSCI

Leslie Swynghedauw is a senior analyst at MSCI ESG Research specialising in the environmental, social, and governance (ESG) risk and performance analysis of listed equities within the food and beverage industries. Leslie is also co-leading the EMEA ESG ratings team as well as the consumer staples sector. Prior to joining MSCI in 2014, Leslie worked for EIRIS, a UK-based ESG research provider, as well as for Amundi. Leslie holds a Master's degree in Development and Risk Management from Sciences Po Bordeaux.



**Cecilia Puca**

Founder, I Eat Food Tours  
& Events

Cecilia Puca is an Italian sociologist, life coach and event designer. In 2017, after spending several years working first as a researcher for the University of Study of Turin - and then as a stress worked related specialist for FCA and CNHi – she decided to explore a new set of interests, investigating the ritual, symbolic, communicational, aggregative and cultural aspect of food in the post modern society - and analyzing the motivations for traveling. My studies and researches have given rise to I Eat. Food Tours & Event Planning, which was founded together with Abram Stringa. She is currently creating new services for eco-conscious travelers - including holistic travel planning and virtual travel coaching - and also writing with Abram his first vegetarian cookbook. Moreover, she is a freelance teacher for EnFap Piemonte.



**Chef Abram**

Founder, I Eat Food Tours  
& Events

Abram Stringa is a professional Dutch chef with more than 25 years of experience in the finest restaurants of Benelux and Northern Italy. One of the most important adventures of his professional career include a consultancy position for the famous Okura Hotel & Restaurant in Amsterdam, where he organized important banquets for, among others, the Japanese King and Queen and the Dutch Royal Family. He also catered for Prime Ministers and even U.S. Presidents in cooperation with the 2 Michelin Star Restaurant Ciel Blue. For over eight years he had a luxury lunchroom and deli shop in the centre of Utrecht and worked also as a culinary consultant for Spiros Chalos, a Dutch/Greek Singer and music producer who opened his own glamour restaurant and Live Music Open Bar in the center of Utrecht. He moved to Turin, Italy, to take up a position as a food consultant in 2015 and then head chef next to Italian Michelin Star Chef Matteo Baronetto of Farmacia Del Cambio, one of the most historical dining spots in the city. Here, over a period of three and half years, they created a successful new gastronomic concept. He co-founded I Eat. Food Tours and Event Planning with Cecilia in 2017. He is currently involved in the co creation of a new international food concept which will be launched in the states and Italy next autumn. Moreover, with Cecilia he is writing his first vegetarian recipe book and working out on a series of culinary online courses.



**Chiara Pocaterra**

Head of Projects  
Department, APRE

Chiara Pocaterra is a trained economist graduated in the University Alma Mater Studiorum of Bologna in 2001 and she obtained a European Higher Education Certificate in "Project Manager for innovation, research and development, and technology Transfer" in 2002. Chiara Pocaterra joined APRE at the beginning of 2004. Since 2018 she is Head of Projects Department composed by nine persons. The mission of the Department is to enhance the participation of APRE in EU funded projects in the key areas of expertise. She is project manager in HORIZON 2020 projects; currently she is coordinating BIOVOICES and TRANSITION2BIO, CSA-Coordination and Support Actions (GA 774331; GA 101000539) on the Bio Based Economy awareness raising. She gives speeches about European funding opportunities in the Energy and Agro-food research sector in National and International conferences. She is trainer in Project management and Proposal writing in the field of European projects in different courses and master classes in Europe and beyond since 2003. Before 2004 she worked in IDP, European Consultant, an Italian consultancy company based in Brussels on European funding opportunities. During the one-year experience she assisted the senior Project Manager in the management of 2 European projects funded by FP5. Chiara Pocaterra was appointed by MIUR (Minister of Research) as National Contact Point for "Secure, clean and efficient Energy" and "Bioeconomy" Societal Challenges and EURATOM of both in HORIZON 2020 and FP7. She was the Coordinator of the Energy NCPs Network C-ENERGY 2020, CSA funded by the European Commission in order to coordinate all activities carried out at European level by the Energy NCPs in Europe in both in HORIZON 2020 and FP7.



**Donato Magnacca**

Autonomous Production  
Unit Manager, APTAR Italia

Donato Magnacca has a Master's degree in Mechanical Engineering (Industrial Automation and Robotics) from the University of L'Aquila. He now fills the role of Senior Manager of the Molding Production Unit Aptar Pescara Plant, and is member of the Management Team Aptar Italy. He is responsible for production, planning, logistics, maintenance, process, quality, costs and EBT and leader for two plant Aptar Italy of EMEA PCR (Post Consumer Resin) conversion plan.



## Detailed schedule of the week

**C** Cresting internal

### APRIL 12 • MONDAY

<b>PINNED</b> 08:45 – 09:00	<b>C Official opening of Cresting workshop</b> <i>Speakers: Andrea Raggi, Alberto Simboli</i>	Zoom
<b>PINNED</b> 09:00 – 10:30	<b>C Presentation of research advancement WP1, WP2 and WP4</b> <i>Speakers: Kieran Campbell-Johnston, Kaustubh Thapa, Natacha Klein, Heather Rogers, Aodhan Newsholme</i> The ESRs will present their research advancement and share a first outline of their final thesis, the dissemination efforts for their research and a glimpse on the remaining research activities before the end of their PhD programme. After each presentation, a fellow ESR and a supervisor will ask a maximum of two questions to the presenter, after which the floor is opened to the other participants, if time allows.	Zoom
<b>PINNED</b> 10:30 – 11:00	<b>Break</b>	Zoom
<b>PINNED</b> 11:00 – 12:30	<b>C Presentation of research advancement WP1, WP3 and WP4</b> <i>Speakers: Martin Calisto-Friant, Tomás Santa-Maria, Anna Diaz Tena, Santiago Perez, Estephania Delgadillo</i> The ESRs will present their research advancement and share a first outline of their final thesis, the dissemination efforts for their research and a glimpse on the remaining research activities before the end of their PhD programme. After each presentation, a fellow ESR and a supervisor will ask a maximum of two questions to the presenter, after which the floor is opened to the other participants, if time allows.	Zoom
<b>PINNED</b> 12:30 – 13:30	<b>Lunchbreak</b>	Zoom
<b>PINNED</b> 13:30 – 15:00	<b>C Presentation of research advancement WP2, WP4 and WP5</b> <i>Speakers: Malgorzata Lekan, Anna Walker, Erik Roos Lindgreen, Katelin Opferkuch, Hinrika Dröge</i> The ESRs will present their research advancement and share a first outline of their final thesis, the dissemination efforts for their research and a glimpse on the remaining research activities before the end of their PhD programme. After each presentation, a fellow ESR and a supervisor will ask a maximum of two questions to the presenter, after which the floor is opened to the other participants, if time allows.	Zoom
15:00 – 15:30	<b>Break</b>	Zoom
15:30 – 16:30	<b>C Supervisory meeting</b> <i>Speakers: Pauline Deutz, Claire Lea</i>	Zoom



**APRIL 13 • TUESDAY**

<b>PINNED</b> 11:00 – 12:30	<b>T Panel on sustainability and circularity assessment</b> <i>Speakers: Monia Niero, Michele Galatola, Michele Del Grosso, Sanjeevan Bajaj</i> During the stakeholder engagement day, the participants will be able to listen an engaging panel discussion on the assessment of circularity and sustainability by featuring practitioners and academics. The speakers will provide insights into company realities applying assessment approaches as well as social issues in global supply chains. Furthermore, we are also going to learn about the EU-level initiatives on assessing circularity and sustainability and an example of correlating the life-cycle-based assessment with circularity assessment. After the speakers provide a brief presentation of their respective field, the floor is opened to the participants to pose questions to the panel.	Zoom
<b>PINNED</b> 12:30 – 13:30	<b>Lunchbreak</b>	Zoom
<b>PINNED</b> 13:30 – 13:45	<b>T APTAR site visit</b> <i>Speakers: Donato Magnacca</i>	Zoom
<b>PINNED</b> 14:00 – 15:30	<b>T Workshop round 1</b> <i>Speakers: Michael Saidani</i> In the second part of the stakeholder engagement day, the participants will be presented with a brief overview of the main prerequisites and challenges of applying both circularity and sustainability assessment in an industrial environment. This is followed by an introduction to a case study which allows for the practical experimenting with different kinds of circularity indicators and their relationship with life cycle assessment results.	Zoom
<b>PINNED</b> 15:30 – 16:00	<b>Break</b>	Zoom
<b>PINNED</b> 16:00 – 17:00	<b>T Workshop round 2</b> <i>Speakers: Michael Saidani</i> During the case study, the participants will be divided into groups and they have to choose from a set of circularity indicators to identify the most circular and sustainable lawn mower amongst three different models. The results of the individual groups will then be discussed and compared to the life cycle assessment results of these different models to determine whether a higher degree of circularity also correlates with increased environmental sustainability.	Zoom





**APRIL 14 • WEDNESDAY**

<b>PINNED</b> 09:00 – 10:30	<p><b>S Co-authoring with other scientists and non-scientists</b>  <i>Speakers: Andy Jonas, Fausto Di Vincenzo, Francesca Patarnello</i></p> <p>During this workshop, the participants will learn some tips and tricks on how to make the co-authoring experience more rewarding and valuable for all parties involved. While one of the speakers will focus mainly on how to co-author with other academics from different scientific fields, the other two speakers, one from the private sector and one from academia, will illuminate how to organise the research and writing progress with non-academic partners.</p>	Zoom
<b>PINNED</b> 10:30 – 11:00	<p><b>Break</b></p>	Zoom
<b>PINNED</b> 11:00 – 12:30	<p><b>S Disseminating research to a non-academic audience: understand &amp; get inspired</b>  <i>Speakers: Nadia Lambiase, Roberta Destefanis</i></p> <p><b>Objective:</b> to offer a methodological grid to support the development of a dissemination strategy aimed at a targeted target</p> <p><b>Activity:</b> In the first part of this workshop, the speakers will present several communication and dissemination tools which they have been using to disseminate the concept of circular economy to different kinds of non-academic stakeholders. These tools range from e-books to theatrical performances; they will be showcased while also mentioning the advantages and disadvantages as well as their suitability to specific stakeholder groups.</p>	Zoom
<b>PINNED</b> 12:30 – 13:30	<p><b>Lunchbreak</b></p>	Zoom
<b>PINNED</b> 13:30 – 15:00	<p><b>S Disseminating research to a non-academic audience: explore &amp; experiment</b>  <i>Speakers: Nadia Lambiase, Roberta Destefanis</i></p> <p><b>Goals:</b></p> <ul style="list-style-type: none"> <li>• Define the diffusion objective of your reference WP and select the most suitable tool to achieve it</li> <li>• Develop a fast prototype of an accessible and pop popular project for each of the 5 WPs</li> <li>• Collect feedback and ideas on your prototype</li> </ul> <p><b>Activity:</b></p> <p>In the second part of this workshop, the ESRs are going to work together within their WPs to create a blueprint of a suitable communication and dissemination strategy with the tools presented in the first session. This group work activity will be based on the social business canvas framework and include a stakeholder analysis, a definition of targets, budgeting as well as the selection of dissemination tools for the identified stakeholders. While this could be done with the final WP deliverables in mind, the WPs can also choose to focus on disseminating other parts of their research. In the end of the session all the teams will present their prototypes in the plenum.</p>	Zoom



**C** Cresting internal    **S** Skills development    **T** Stakeholder engagement

## APRIL 15 • THURSDAY

<b>PINNED</b> 09:00 – 10:30	<b>S Science to policy interface and the Green Deal</b> <i>Speakers: Serenella Sala</i> In the first session of this workshop, the speaker will explain how a policy brief is structured by providing practical insights on how this is being done for research that is related to the Green Deal. The participants will thus get an insight on how the content of research is condensed and prioritised in order to be considered useful for policy making and how the policy briefs are then disseminated to their intended recipients.	Zoom
<b>PINNED</b> 10:30 – 11:00	<b>Break</b>	Zoom
<b>PINNED</b> 11:00 – 12:30	<b>S The Knowledge Centre for Bioeconomy: challenges and success stories on communicating science to policy makers</b> <i>Speakers: Javier Sanchez Lopez</i> In the second session of this workshop, the speaker will go more in detail on his experience with communicating research results and disseminating policy briefs to actual policy makers. The participants will learn both about the challenges faced as well as some advice on how to overcome or avoid these challenges and placing the research on politicians' agendas.  In this session there will be a <b>practical exercise</b> where the group will work together to collectively draft a Policy Brief on a specific topic (namely, on food waste). For that purpose, the <b>students are encouraged to read in advance the material</b> uploaded in this session's profile. The exercise will be carried out in an online tool to interact, post ideas and trigger the discussion. <b>The specific site for the exercise is accessible under this link.</b>	Zoom
<b>PINNED</b> 12:30 – 13:30	<b>Lunchbreak</b>	Zoom
<b>PINNED</b> 13:30 – 15:00	<b>T Sustainable and circular finance</b> <i>Speakers: Paolo Masoni, Tze Ni Yeoh, Massimiano Tellini, Leslie Swynghedauw</i> In this discussion round, four speakers active in the field of sustainable finance on an international and European level will explain how they approach this topic. The speakers will also present a national and international private sector perspective on the financing of circular companies and projects in Italy and Southeast Asia. Finally, the connection of ESG ratings with circularity aspects will also be discussed. After a brief presentation by the speakers, the participants are invited to join the discussion and pose their own questions.	Zoom
<b>PINNED</b> 15:00 – 17:30	<b>Break</b>	Zoom
17:30 – 20:00	<b>C Circular Cooking Class</b> <i>Speakers: Chef Abram, Cecilia Puca</i> Due to a capacity limit, this session is only available to CRESTING members and selected people.  This cooking class aims to bring to the table the salient features of circular cooking. By reducing waste and making the most of every single part of the product, enhancing the creative aspect and, last but not least, drawing inspiration from rural wisdom in a regenerative manner, the Chef and his partner will demonstrate how it is possible to create dishes that are virtuous, delicious, healthy and easy to replicate. Thinking of the kitchen space as an alchemist's laboratory in which to forge matter by observing the many transformations it undergoes, here is a brief list of the objectives pursued by the training activity: <ul style="list-style-type: none"> <li>• To develop a starting knowledge thanks to which one can rethink, reuse and recycle all the resources in the kitchen, starting from the observation of the raw materials used during the cooking class - and illustrated in detail by the Chef who will conduct the training activity;</li> <li>• To acquire a certain degree of familiarity with the alternative-creative-regenerative use of simple elements which are almost central to European gastronomic models (such as eggs, bread, vegetables, for example);</li> <li>• To get to know the salient features of Italian cuisine, guardian of an age-old wisdom, which has one of its strong points in the skilful art of reuse, dedicating a privileged space to the Abruzzo gastronomic proposal;</li> <li>• Enjoy a pleasant moment of sharing, in which to refine knowledge and skills and develop new ones, in an atmosphere of exquisite lightness that will culminate with everyone around the table to taste the no-waste delicacies created together.</li> </ul>	Zoom



**C** Cresting internal    **S** Skills development

#### APRIL 16 • FRIDAY

<b>PINNED</b> 09:00 – 10:30	<b>S Writing a research proposal: the new Europe Horizon programme pt. 1</b> <i>Speakers: Chiara Pocaterra</i> In the first part of this workshop, the speaker will provide the participants with an overview of Horizon Europe Programme as well as the Horizon2020 grant proposal writing process.	Zoom
<b>PINNED</b> 10:30 – 11:00	<b>Break</b>	Zoom
<b>PINNED</b> 11:00 – 12:30	<b>S Writing a research proposal: the new Europe Horizon programme pt. 2</b> <i>Speakers: Chiara Pocaterra</i> In the second part of this workshop, the speaker will explain how to write sound research proposal, putting specific attention to the best practices in terms of writing style, describing the impact of the research as well as the implementation. Given that most of the participants have been interested or are currently conducting their PhDs in transdisciplinary research settings, the speaker will also elaborate on the different methods of stakeholder engagement.	Zoom
<b>PINNED</b> 12:30 – 13:30	<b>Lunchbreak</b>	Zoom
<b>PINNED</b> 13:30 – 14:45	<b>C Discussion of Cresting deliverables</b> <i>Speakers: Pauline Deutz, Claire Lea</i> This session will allow for a brief discussion of the individual WP deliverables at the end of the project and will be facilitated by the project lead.	Zoom
<b>PINNED</b> 14:45 – 15:00	<b>C Closing of workshop</b> <i>Speakers: Andrea Raggi, Alberto Simboli</i>	Zoom
<b>PINNED</b> 15:00 – 15:30	<b>Break</b>	Zoom
<b>PINNED</b> 15:30 – 16:30	<b>C ESR discussion session</b> <i>Speakers: Anna Walker, Kieran Campbell-Johnston, Anna Diaz Tena</i> The ESRs are meeting to exchange on their dissemination strategy to draft a common research dissemination plan with the aim of getting the research results out to the respective stakeholders. Furthermore, the ESR reps will report back from the supervisory meeting and a new ESR rep will be selected for the last term.	Zoom

**C** Cresting internal

#### APRIL 17 • SATURDAY

<b>PINNED</b> 10:30 – 12:00	<b>C Virtual landscape tour</b> <i>Speakers: Ecomood</i> Virtual tour of Abruzzo landscape	Zoom
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## Risk assessment

### Section 1 – Workshop details, people in charge and approval of the assessment

*Workshop name and a brief description of the structure:*

- Name: 6th CRESTING Workshop
- Date: 12th to 17th April 2021
- Location: On-line (attendees log into the digital platform from their workplaces)
- Venue of workshop host: Viale Pindaro, 42 – 65127 Pescara (Italy)
- Subject: Assessing the Sustainability of the Circular Economy
- Objective: The core part of the Doctoral training (third year) of 15 PhD researchers based throughout Europe.
- Accommodation: Not applicable

*Organizers name and contact details:*

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The persons approving this Risk Assessment:  
Name: Prof. Andrea Raggi

### Section 2 – Risk assessment

Hazard	Identification Causes and Consequences	Risk Level (H/M/L)	Control Measures
Screen fatigue	Screen fatigue or eye strain is a common condition that affects computer users after staring at a computer screen for long periods of time (case-dependent, general threshold of 6hrs). It does not lead to illness and remits after resting. General symptoms are pain around the eyes, headache, dry or watery eyes, blurred vision, burning, sore, or tired eyes, sensitivity to light, difficulty keeping eyes open, vertigo, nausea.	M	<ul style="list-style-type: none"> <li>• Limit screen time to 5 hours daily.</li> <li>• Breaks are scheduled every 1.5 hours with hydration and food intake reminders.</li> <li>• Provision of general recommendations to attendees (smart screen time practices), such as:               <ul style="list-style-type: none"> <li>○ Keep your computer screen clean.</li> <li>○ Prefer grey backgrounds to light or white ones</li> <li>○ Maintain the right distance from the screen: roughly the length of your arm.</li> <li>○ Position the screen so that it does not reflect light, below the height of your eyes and slightly tilted back (this also allows greater closure of your eyelids, which helps to limit dry eye).</li> <li>○ Adjust the screen brightness according to the ambient</li> </ul> </li> </ul>





			<p>brightness (may change throughout the day).</p> <ul style="list-style-type: none"> <li>○ Remember to “blink your eyes”, a fundamental action to maintain the correct eye lubrication.</li> <li>○ Every twenty minutes of work on the screen it is advisable to take a break of 20 seconds, possibly moving from the station; every two hours take a break of 15 minutes.</li> <li>○ To relax the eyes, a simple trick is to look into the distance without staring at anything in particular, to let the eye muscles rest.</li> <li>○ Use special glasses when working on the screen. Check if you need corrective lenses to read.</li> </ul>
Musculoskeletal problems	<p>Maintaining a fixed position in front of the monitor while working can involve risks for the musculoskeletal system due to the positions assumed and maintained for prolonged times, and the movements that are performed. At the level of the spine, maintaining an incorrect posture can lead to alteration of physiological curves, with the onset of arthritis or the risk of herniated discs, which can occur both in the lumbar and cervical areas. Incorrect positions of the wrist, especially in support, can carry the risk of developing carpal tunnel syndrome. Incorrect positions of the hands and fingers when using the keyboard and mouse can lead to arthritis in the wrists or hand, or tendinitis. Arthritis phenomena, or pain due to muscle tension, may occur on the shoulders, which originate from incorrect positions of the neck and shoulders (not relaxed shoulders, neck twisting, incorrect movements or positions of the arms), but which can also be linked the prevalent use of one hand (as in the use of the mouse) or in situations of mental tension that involve stiffening of the neck. As for the legs, the ability to change position is important, and the legs must not be without support to avoid stress on the hamstrings and hips. Furthermore, cross-legged positions should not</p>	M	<ul style="list-style-type: none"> <li>• During the breaks, exercises that relax muscles and sight will be recommended and proposed. As for the back and shoulders, some stretching exercises can be done directly at the workstation.</li> <li>• Participants are advised to pay particular attention to the following: <ul style="list-style-type: none"> <li>○ the height and position of the screen with respect to the eyes, which can cause problems in the cervical spine;</li> <li>○ the position of the hands on the keyboard and when using the mouse, which can lead to biomechanical overload disorders in the hands, wrists or shoulders. These disorders can affect both tendons and muscles and nerves;</li> <li>○ the height of the seat with respect to the work surface and in general with respect to the tallness of the person, which, if not adequate, can lead to disorders especially affecting the spine, but also to the legs, neck, shoulders and arms;</li> <li>○ the position assumed by the body during work, and in carrying out various activities, in particular with regard to the position of the spine and arms, but also with regard to the legs and the support of the feet;</li> <li>○ the arrangement of the various components necessary for the activity, both in general and with respect to each other, in particular the position of the</li> </ul> </li> </ul>



	be maintained for long, but this is to avoid circulatory problems.		screen, keyboard and any documents, and of peripherals and accessories such as printers and telephones: all these elements must be arranged so that continuous movements or the assumption of incongruous postures are not required.
Mental stress	The presence of mental fatigue damages the general efficiency in carrying out an activity, but also leads to a worsening of any disorders present, both in the musculoskeletal system (shoulder tension, abdominal muscle contraction, etc.) and in the visual system (loss of attention, difficulty focusing, drowsiness or irritability, etc.). Mental fatigue can find its origin both in the characteristics of the activity that is taking place (demanding task, tight deadlines, poor control over one's work, etc.) and from the general conditions of the environment or workstation (uncomfortable positions, inadequate temperature, noises, etc.), or from social relationships in the workplace (relationships with bosses or colleagues).	M	<ul style="list-style-type: none"> <li>The activity will be interrupted with breaks, which have a beneficial effect on both the circulatory system and on the fatigue of the musculoskeletal system and on visual stress, as well as often leading to an improvement in efficiency when the activity is resumed, thereby reducing the accumulation of mental stress.</li> </ul>
Data breach	A data breach is the intentional or unintentional release of secure or private/confidential information to an untrusted environment.	L	<ul style="list-style-type: none"> <li>Provision of data management information to attendees and collection of their consent (privacy form).</li> </ul>