CISAMS: Integrated Circularity and Sustainability Assessment of Manufacturing Systems

Deliverable 6: Communication & Dissemination Plan

Greece 2.0
Basic Research Financing Action
(Horizontal support of all Sciences)
Sub-action 1
Funding New Researchers
M5

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1 EXECUTIVE SUMMARY

This deliverable presents the Communication and Dissemination Plan of the CISAMS project, outlining a strategic approach to maximise the visibility and impact of the research on integrated circularity and sustainability assessment in manufacturing systems. The planned activities include publication in high-impact peer-reviewed journals, presentation of results at international conferences and the organisation of a project workshop bringing together stakeholders, academics and industry experts to discuss project outcomes and future directions. In addition, the deliverable defines the planned communication activities related to the project's digital presence and visual identity. Overall, the plan provides a structured framework to ensure effective dissemination and engagement with the scientific community and other relevant stakeholders, supporting the understanding and potential uptake of the proposed assessment framework.

2 SUGGESTED JOURNALS

The dissemination strategy focuses on presenting the project research findings in high-quality journals with a primary emphasis on sustainability and circularity. Additionally, dissemination may extend to journals specializing in operational research or mathematical programming. Priority will be given to journals addressing themes such as sustainability, particularly in the manufacturing context. The selection criteria for journals include their reputation, as measured by the two-year impact factor and quartile as well as the credibility of their publisher.

Table 1. Suggested Journals related to Sustainability, Circularity and Operational Research

Journal	Publisher	ISSN (online)	2-year Impact Factor*	SJR Quartile	Word Limit (for Research Articles)	Focus
Journal of Cleaner Production	Elsevier	1879-1786	10.0	Q1	6000-8000	Transdisciplinary journal on sustainability, cleaner production and circular economy research
Sustainable Production and Consumption	Elsevier	2352-5509	9.6	Q1	-	Research on sustainable production, consumption, life cycle sustainability, policy and indicators
Ecological Indicators	Elsevier	1872-7034	7.4	Q1	-	Development and application of sustainability and ecological indicators
Journal of Environmental Management	Elsevier	1095-8630	8.4	Q1	6000-8000	Environmental management methods, assessment, policy, risk, etc.
Circular Economy and Sustainability	Springer Nature	2730-5988	6.28	Q1/Q2	10000	Circular economy and sustainability (interdisciplinary; integrates dimensions)
Environment, Development and Sustainability	Springer	1573-2975	4.2	Q1/Q2	7000	Interdisciplinary research on environment, development, sustainability interactions
Sustainable	Wiley	1099- 1719	8.2	Q1	8000	Interdisciplinary sustainability research across social,

Development						economic, environmental domains
Business Strategy and the Environment	Wiley	1099-0836	13.3	Q1	8000	Sustainability strategies, corporate environmental management; interdisciplinary policy-business research
Decisions in Economics and Finance	Springer	1593-8883	0.7	Q2/Q3	-	Applied mathematics and economics-finance interfaces; methodological and quantitative studies
International Journal of Sustainable Engineering	Taylor & Francis	1939-7046	3.6	Q1	6000	Engineering approaches to sustainable design, modelling, and manufacturing
Corporate Social Responsibility and Environmental Management	Wiley	1535-3966	9.1	Q1	8000	Research on corporate responsibility, environmental management, governance and sustainable business practice
Integrated Environmental Assessment and Management	Oxford Academic	1551-3793	8.4	Q1	-	Applied environmental science linking assessment and policy/management
Resources, Conservation and Recycling	Elsevier	1879-0658	10.9	Q1	5000	Focus on resource use, waste minimization, technological and societal change for sustainability
Cleaner Engineering and Technology	Elsevier	2666-7908	6.5	Q1	6000-8000	Engineering solutions for cleaner technology and environmental sustainability
Ecological Economics	Elsevier	0921-8009	6.3	Q1	8000	Interdisciplinary economic/ecological research on environment and policy
Environmental Innovation and Societal Transitions	Elsevier	2210-4232	6.1	Q1	8000	Sustainability transitions, environmental innovation, socio-technical change, policy and governance
Journal of Industrial	Wiley	1530-9290	5.4	Q1	3500-6000	Interactions of socio-economic and environmental

Ecology						systems; material & energy flows; industrial ecology and sustainability
Omega	Elsevier	1873-5274	7.2	Q1	-	Operations management and decision science; quantitative methods, analytics, applications
International Journal of Production Research	Taylor & Francis	1366-588X	7.3	Q1	12000	Production systems, operations management, manufacturing, logistics, decision support
International Journal of Production Economics	Elsevier	1873-7579	10.0	Q1	10000	Interface of engineering and management research for manufacturing and operations
Journal of the Operational Research Society (JORS)	Taylor & Francis	1476-9360	2.7	Q1/Q2	10000	Operational research with real-world applications, including manufacturing, DSS, optimisation
OR Spectrum	Springer	1436-6304	1.9	Q1/Q2	-	Theoretical and applied operations research; methodological and application-oriented papers
4OR - A Quarterly Journal of Operations Research	Springer	1619-4500	2.6	Q2	-	Operations research theory and applications; strong emphasis on methodological rigor
Operations Research Perspectives	Elsevier	2214-7160	3.7	Q1/Q2	-	Broad OR topics, including sustainability and applied decision problems
Scientific Reports	Nature Research	2045-2322	3.9	Q1	4500	Broad-scope open-access journal covering natural, technical and applied sciences

*****Impact factor values are indicative and may vary by year and source.

3 SUGGESTED CONFERENCES

The research findings will be presented at conferences attended by academics and professionals specializing in sustainability, circularity, manufacturing and/or operational research. These attendees may include environmentalists, policymakers and engineers. Given the limited number of relevant conferences, and the relatively short duration of the CISAMS project, the research team will prioritize those with a strong focus on these topics, particularly those scheduled in Europe in 2025. The selection of appropriate conferences will consider their thematic relevance and the profile of attendees (e.g., academic and professional audiences).

Table 2. Conferences on Sustainability and Manufacturing (late 2024 – 2025)

Title	Themes	Place	Conference Dates
32nd CIRP Conference on Life Cycle Engineering (LCE 2025)	Life cycle engineering and sustainability; circular economy; life-cycle sustainability assessment; net-zero transitions; manufacturing sustainability; remanufacturing; design for sustainability; data for LCE	Manchester (UK)	07-09 / 04 / 2025
34th European Conference on Operational Research (EURO 2025)	Operational Research theory and practice: mathematical programming; simulation; decision analysis; queuing and network analysis; multicriteria analysis; OR applications including supply chain/circular economy sessions	Leeds (UK)	22-25 / 06 / 2025
5th Conference on Sustainable Supply Chains 2025	Sustainable supply chain design and operation; closed-loop supply chains; multi-objective optimisation for sustainability; sustainable logistics; OR methods for sustainable SCM	Graz (Austria)	04-05 / 07 / 2025
10th NEST Conference 2025	Sustainability transitions; socio-ecological transitions; sustainable innovation; technology and policy	Brighton (UK)	29-30 / 05 /2025
12th International Conference on Energy, Sustainability and Climate Crisis	Energy systems sustainability; multi-criteria decision support; climate crisis responses; supply chain sustainability; DSS methods	Rhodes (Greece)	25-29 / 08 / 2025
21st Global Conference on Sustainable Manufacturing	Global sustainable manufacturing; circular economy; sustainable value creation; manufacturing design & processes for sustainability; applied	Bologna (Italy)	10-12 / 09 / 2025

(GCSM 2025)	industrial perspectives		
34th International Conference ECOLOGY & SAFETY	Industrial ecology, environmental protection, sustainability; life cycle assessment and environmental technologies; environmental monitoring and safety	Burgas (Bulgaria)	11-14/08/2025
2nd International Conference Circular Economy: The pathway towards a Sustainable Development	Circular economy, reverse logistics, sustainable manufacturing & supply chains; interdisciplinary CE research and applications	Chania (Greece)	17-19/09/2025
SDM-2025 12th International Conference on Sustainable Design and Manufacturing	Sustainable design, manufacturing, engineering for sustainability; intersections with energy & product design	Catania (Italy)	17-19 / 09 / 2025
1st International Conference on Green Innovation and Circular Economy (GR-I-CE)	Green innovation, circular economy models, sustainability transitions, improved waste management, circular design, circular supply chains, productivity and innovation measurement, strategy and innovation management, decision support systems, sustainable materials and technologies, inclusive green transition, climate change, digital transformation and related sustainability topics.	Athens (Greece)	20-23/10/2024

The implementation of the planned journal publication and conference activities, including the final selection of journals and conferences and the resulting outputs, will be reported in **Deliverable D8 (Communication and Dissemination Activities Report)**, which will document all dissemination activities actually carried out during the project.

4 DIGITAL PRESENCE & VISUAL IDENTITY

To support effective communication and dissemination of the CISAMS project, a coherent digital presence and a consistent visual identity was developed. These elements will provide the foundation for all communication activities and ensure clear and recognisable presentation of the project to external audiences.

A dedicated **CISAMS project website** was created by M3 to serve as the central digital hub of the project. The website presents key information, including the project objectives, methodological framework, dissemination activities and contact details. It will act as the primary reference point for stakeholders and the wider public throughout the project duration.

In parallel, professional social media and academic networking profiles were established to support ongoing communication with targeted audiences. In particular, a dedicated project **LinkedIn page** was created to disseminate frequently project updates, publications, events, and workshop announcements to academic, industrial and policy-oriented stakeholders. The posts will be reposted at the LinkedIn profiles of the ORLOG laboratory of NTUA and the personal profile of the PI (Athanasios Rentizelas) to reach a much wider audience. A **ResearchGate project page** was also set up to share scientific outputs and facilitate interaction with the research community.

To ensure a consistent and recognisable project identity, a visual identity was designed, including a project **logo (D7)**. Based on this identity, digital promotional material, such as a project **poster**, **banner** and **electronic brochure (e-brochure)**, have been prepared for use in online dissemination, conferences and the final project workshop. In line with sustainability and circular economy principles, all promotional material was developed and will be distributed exclusively in digital form.

The design, content and presentation of the project's digital presence and visual identity is documented in detail in **Deliverable D7 (Project Visual Identity & Digital Presence)**.

5 CISAMS WORKSHOP

In late 2025, the CISAMS consortium plans to organize a workshop on the project. This event represents a key milestone as we will bring stakeholders from different backgrounds together to discuss the novel method that will have been developed and its implications for both industry and academia. We aim to build a community with researchers, industrialists and practitioners who would like to share their perspectives on sustainability and circular economy practices. In this workshop, we will show that our method of the upgraded evaluation combines environmental and social sustainability indicators with circularity metrics to provide a unique and complete assessment tool for manufacturing systems. It will feature keynote addresses by industry representatives who will address future sustainable manufacturing efforts.

These will be complemented by panel discussions on the opportunities and challenges facing sustainability in manufacturing. Participants will have the opportunity to provide feedback on our assessment method as well as discuss applications across different industrial settings through validation polls and open discussion. Our intention is that these will provoke further discussion around the choices and opportunities to integrate circularity, environmental sustainability and social sustainability within manufacturing sector assessments. Last but not least, a workshop is also a space for networking. The experience provides numerous opportunities for attendees to connect, share their stories and explore potential collaborations.

The organisation, agenda, participation and outcomes of the project workshop will be documented in detail in **Deliverable D9 (Project Workshop)**.