



MARLICE 2022

II International Forum on Marine
Litter and Circular Economy



MARLICE 2022. SUMMARY OF SESSIONS

SOLUTIONS FOR PREVENTING AND RECYCLING MARINE LITTER



MARLICE 2022
II International Forum on
Marine Litter and Circular Economy
Seville 18 - 20 May



SOLUTIONS FOR PREVENTING AND RECYCLING MARINE LITTER

 AQUARIUM OF SEVILLE - ATLANTIC ROOM

 19/05/2022  10:00-13:00

Chairperson: Miguel Aguado - Environmental communicator, CEO B LEAF

DESCRIPTION

To meet the UN 2030 Agenda for sustainable development, the full implementation of the Circular Economy and cooperation among all interested parties is fundamental. Through eco-innovation the circular economy system consents to rethink business which mainstreams sustainability throughout all business operations across the value chain. Products and materials are designed to be reused, remanufactured, recycled, recovered and maintained in the market for a long term as well as the generation of waste, especially littering, is avoided or minimized with consequent greenhouse gas emissions reduction. The session is a brief showcase of activities currently ongoing in Spain. From the discussion the participants will set down recommendations for a coordinated action accelerating the transition of the business model along a value chain upstream and downstream.

CHAIRPERSON

Mr. Miguel Aguado Arnáez

 B LEAF

 CEO



SECRETARY

PhD Vanessa Sarah Salvo

 Institut de Ciències del Mar of the Spanish National Research Council (ICM-CSIC)

 Institutional & International Relations and Knowledge Transfer Unit ICM-CSIC
Scientific Director Posidonia Green Project



PROGRAMME

(See the available presentations of this session by clicking on the presentation title)

10:00 -10:05 h - Introduction of the sesión

Miguel Aguado - Environmental communicator, CEO B LEAF

10:05 -10:15 h - Ecodesing as prevention of waste generation

José María Fernández Alcalá - Head of circular economy, IHOBE, Agencia Vasca Medio Ambiente

10:15 -10:25 h - Plastics industry engagement towards Circularity and Climate Neutrality

Juan Ruiz - Public Affairs and Sustainability Manager, Plastics Europe.

10:25 -11:35 h - Marine litter, from the sea to its valorization

Carmen Ramírez - Mechanical recycling researcher, AIMPLAS

10:35 -10:45 h - The added value of recycled products from Marine Litter

Juan Moreno Rodríguez - General Secretary, Union of Consumers of Andalusia (UCAUCE)

10:45 -10:55 h - The challenge of the Circular Economy in packaging: the bottle of the future of Coca-Cola

Beatriz Arribas Santori - Sustainability Projects Manager, Coca-Cola Europacific Partners España

10:55 -11:05 h - Innovation in food packaging from marine litter

Diego Lugagne - Packaging Innovation Manager - Europe, Eurasia & Middle East and Africa (EMEA) R&D - The Coca-Cola Company- Coca-Cola

SPEAKERS

Mr Jose María Fernández Alcalá

IHOBE, AGENCIA VASCA DE MEDIO AMBIENTE

Head of circular economy



Mr. Juan María Ruiz Alarma

Plastics Europe

Public Affairs and Sustainability Manager



Ms. Carmen Ramírez Artacho

AIMPLAS

Mechanical recycling researcher at AIMPLAS



Mr. Juan Moreno

Unión de Consumidores de Andalucía (UCAUCE)

General Secretary



11:05 -11:15 h - Round table and debate

11:15 -11:35 h - Coffee

11:35 -11:40 h h - Presentation of block

11:40- 11:50 h - Generation of products from algae
Víctor Manuel Pérez Ignacio - CEO, Futuralga

11:50- 12:00 h - Textile garments from fishing nets
Carol Blázquez - Head Of Innovation & Sustainability, ECOALF

12:00- 12:10 h - Project Plumbum, closing the lead cycle
Jose Luis Alcaide - President, Asoc Hippocampus - Proyect Plumbum

12:10- 12:55 h - Round table and Debate (block 2)

12:55- 13:00 h - Wrap-up

SPEAKERS

Ms. Beatriz Arribas
Santori

Coca-Cola Europacific
Partners Iberia
Sustainability Projects
Manager



Mr. Diego Lugagne

The Coca-Cola Company
Packaging Innovation
Manager - Europe, Eurasia
& Middle East and Africa
(EMEA) R&D



Mr. Víctor Manuel Pérez
Ignacio

Futuralga S.C.A
CEO



Ms. Carol Blázquez

ECOALF
Head Of Innovation &
Sustainability



Mr. José Luis Alcaide
Sanjurjo

Hippocampus Association
President



Meeting objective - Expected output

Recommendations document for a coordinated action accelerating the transition of the business model along a value chain upstream and downstream to meet UN AGENDA 2030 of SDGs and EU 2050 carbon neutrality goals



Short list of the main topics discussed

- **Ecodesign.** Recycling is not enough, there are several issues that highlight recycling as one of the measures but not the most important. Recycling is the last option.
- **Research in the Plastic industry as a solution.** Applying science and data, there is a clear path: apply all circularity options, although speed is lacking to reach the EU commitments on circularity and climate neutrality.
- **Reuse and upcycling of the recovered of marine litter.** As the recycling is not a solution but the recovery of marine litter is a contribution to fight against marine litter and it could generate knowledge, technologies and innovation
- **Consumers.** As a preventive measure it is crucial to get complete information to reduce the use of plastic products. A certification or labeling of products including exhaustive information about composition, recycling process and environmental impact originating from marine litter.
- **Industry (Coca-Cola).** Importance of the tractor effect of large companies as an example for other smaller ones. Chemical recycling is particularly useful to give a second life to PET bottles coming from marine litter in applications in contact with food, nevertheless it must comply with ethical values.

Conclusions

During the discussion underlined that regarding marine litter, there is not a single solution to this complex problem. Circularity criteria should be considered along the whole life cycle of products and materials, promoting the prevention and not just at the end of its life cycle. Considering that the solutions should be economically viable and the implementation of the ecodesign, taking into account that recycling in many cases is not the best solution also by the costs-benefits analysis. Solutions must be considered for the entire life cycle of the products. Indeed, it is estimated that 80% of the impact can be avoided by means of a good design product planification including durability, repairability, reuse, renovation and recovery, total or partial, of a product. Therefore, awareness and education is not important just for the consumers, but also for manufacturers and policy makers. A certification system or labeling of products will contribute to improve consumers choices as well as the differentiated waste collection, for which a continuous improvement in waste management is important, but with the collaboration of all actors, citizens included. For this very complex issue there is not just a solution and a “polluter” all stakeholders should assume their co-responsibility to find solutions.

Action items

Promote a labeling or certification to ensuring tracking of the products including recycling and additives









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