



Food & Bio Global
SUMMIT'23
26-27 September

www.foodbioglobal.com



Mònica Riera Gimeno

EU Projects & Entrepreneurship

Cluster & Collaboration Impact cases:

Packaging Cluster & Comexi Ctec

Packaging Cluster



**PACKAGING
X
CLUSTER**

What do we offer to our members?



Activity Plan

Networking

Conferences and presentations

Workshops and interclusters



Services

Marketing and observatory

Operationalisation

Internationalisation



R&D Projects

Digitalisation

Sustainability

Industry 4.0



Training Plan

Technical and transversal trainings



Albert López Massaneda

Manager Technological Center of Comexi
COMEXI

Packaging Cluster & Comexi Ctec

Global solutions for flexible packaging since 1954

Products

Solutions for every step of the flexible packaging value chain



Printing

Flexo
Offset
Digital



Lamination

Laminators and
coating solutions

Holographic solutions



Slitting

Slitting and rewinding
machines



End of line solutions

Reel Handling

Labelling

Innovative



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Global Specialist

+100
countries

+2,000
customers

+4,800
solutions

CircularPack Goals

- **Analysis of the current packaging**
- **Comparative environmental study**
alternative structure to current packaging
- **Production process optimal at sustainability level**
prepress, printing and laminating
- **Pre-series on industrial scale**
industrial conditions
- Assistance in the **search for manufacturers**
- Optional **certification** of the new packaging in recycled content and/or recyclability.



Phases

Step 1



STAGE 1 STANDAR

PHASE 01: DEFINITION

packaging requirements and product to be contained

- Information, description and characteristics of current packaging.
- Information regarding materials and current production process.
- Information on the product contained, product degradation and shelf life.
- Packaging characteristics.
- Environmental impact diagnosis. ➡
- Recyclable analysis: RecyClass tool.

PACKIMPACT 2.0

Phases

Step 1



**STAGE 1
STANDAR**

PHASE 2: PACKAGING ANALYSIS

Proposals for alternative packaging

- Material search and selection
- Proposal of materials and proposal of theoretical structures for processes 2-3.
- Theoretical structures based on environmental impact diagnosis.
- Recyclability analysis.
- Reduced environmental impact.



PACKIMPACT 2.0

Phases

Step 2



STAGE 2 PROTOTYPE

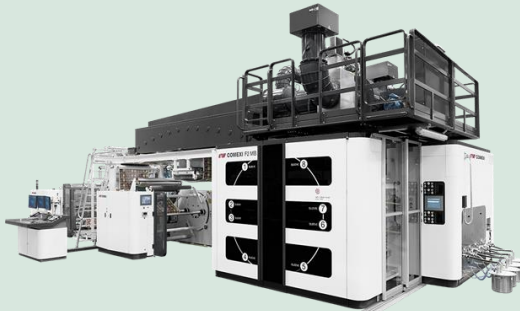
PHASE 3 Industrial pre-series production

- Proposal of physical material sample and details of process characteristics.
- Study on ink reduction, pre-printing stage.
- Solvent-free printing proposal.
- Laminating process, if applicable.
- Samples of packaging
- Technical file of final packaging.



Pr

prepress



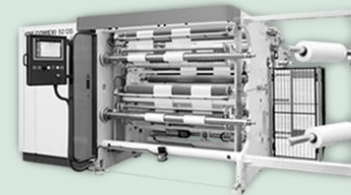
I

printing



L

laminating



C

Slitting



P

Packaging

Phases

Step 3



Recycled plastic content

RecyClass

NO MINIMUM LIMIT ON RECYCLING

Certification for products with pre- and post-consumption recycled content.



+ 80% RECYCLED

Certification for products with post-consumption recycled content.

Advantages

Guaranteed sustainability

Improve your packaging or create a new one, guaranteeing the best possible option in terms of sustainability, and avoiding *greenwashing*.

Market solution

A service that combines technical knowledge with the industrialization processes.

Get your turnkey, market solution, which includes materials, processing and quality.

We run a pre-series to test the final product and fully guarantee its functionality.

Reinforce your brand

Know your product's environmental impact and the improvement percentage using tested international tools.

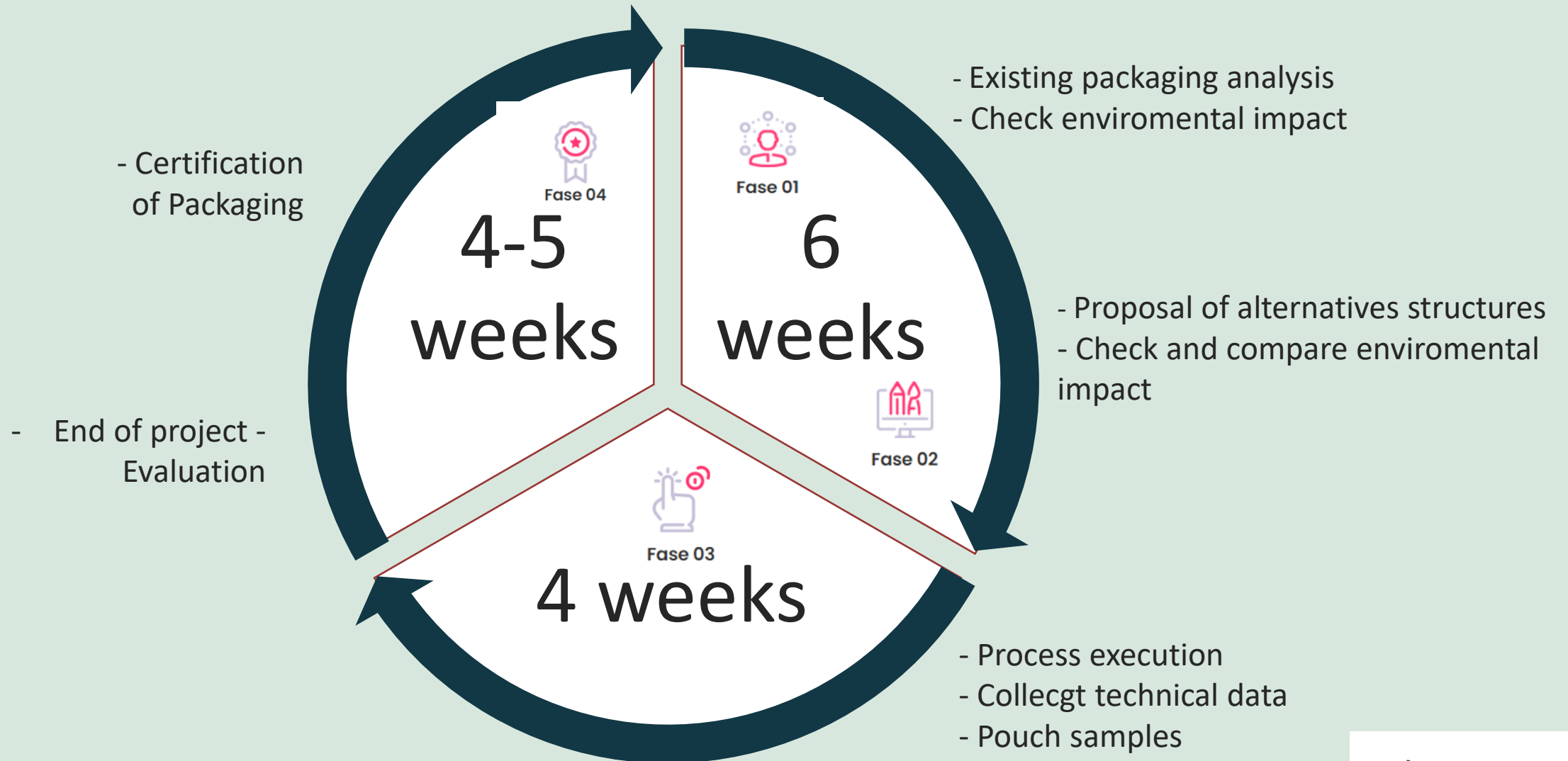
Technical and scientific study

Independent and objective study

Technical solution

Certifications

Calendar



Success Case

Project CIRCULARPACK 2022

BIMBO MEXICO



GOAL

Study, selection and preserie production of a single-material and sustainable flexible packaging structure for BIMBO's Little Bites product

SCOPE

Study and evaluation of packaging and its processing from prepress and inks to the creation of Packaging. Report and technical parameters for the industrial production

ORIGINAL DESIGN

Current packaging:

- Analysis Materials
- Carbon footprint
- Recyclability

STUDY DESIGN CIRCULARPACK

Alternative structures

- Structure selection and optimal processing
- Carbon footprint
- Preserie production

BIMBO TESTS ACCEPTANCE

- Theoretical study validation
- Preserie tests validation
- Project evaluation

For more info

www.circularpack.info

Contact form





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 Danish Board of
Business Development

