Almirall

Feel the Science

February, 2025

almirall
feel the science

We are a global pharmaceutical company focused on medical dermatology. Through collaboration with scientists and healthcare professionals, we address patients' needs through science to improve their lives.

Transform the patients world by helping them realize their hopes & dreams for a healthy life.

Our Noble Purpose

Global presence

Headquarters
Spain

- City center of Barcelona (Spain)

R&D Center
Spain

- Sant Feliu de Llobregat (Barcelona, Spain)

27,000 square metres with capabilities along the whole R&D value chain

Production plants
Spain & Germany

- Sant Andreu de la Barca (Barcelona, Spain)
- Reinbek (Germany)

Chemical plants
Spain

- Sant Andreu de la Barca (Barcelona, Spain)
- Sant Celoni (Barcelona, Spain)

15
Offices around the world

1,845
Total employees

8
New collaborations and partnerships in R&D

12%
Investment of Net Sales in R&D

324,000
Patients we have helped with our key dermatology products[1]

[1] The total number includes Klisyri® (tirbanibulin), Ilumetri® (tildrakizumab) and Wynzora® (calcipotriol/betamethasone) since their launches.

Our Business Model

R&D

Our capabilities cover the entire R&D process

12% of Net Sales dedicated
1 cutting-edge R&D centre in Spain
We sponsored or collaborated in over 20 clinical trials
We partner with 12 academic institutions and 6 research alliances

Commercialization

Breakthrough treatments across all modalities: topicals, orals, injectables.
90+ countries where our products are available through own network and commercial partners

Manufacturing

Close to 100 million units of products are manufactures in our internal and external site network
2 pharmaceutical plants
2 chemical facilities

Business Development

Making meaningful difference to patients through strategic alliances and acquisitions
6 strategic products in partnership with top pharma companies

Packaging Sustainability
Our noble purpose in practice

Sustainability: the new normal

24 February 2025

Sustainability: The new normal

Long being perceived as a nice-to-have and not a must-have, sustainable practices have **moved from the margins into the mainstream.**

Following our Almirall´s Noble Purpose, we have built a cross-functional team to move towards the development and implementation of a more sustainable packaging committed with our environment and future = **Packaging Sustainability Program**

This is **long term project** with the main objective to change the way we **THINK**, we **INNOVATE,** and we **LIVE**.

Packaging Sustainability Program: Governance, Baseline and Project Management

2030 Sustainability Strategy
Planet Governance

Priority 1 | Priority 2

Priority 1	Priority 2
Workstream	Workstream
Coordinator	Coordinator
Accountable	Accountable

ESG Committee

Biannual reporting to ESG Committee

Planet SteerCo

Quarterly reporting to Planet SteerCo attending the workstream coordinator(s) when required

Global **coordination** and reporting

↑ *Quaterly meetings with responsible teams* ↑

Net Zero programme

ENERGY DECARBONISATION PLAN	SUSTAINABLE MOBILITY PLAN	SUPPLIER ENGAGEMENT PROGRAMME		NEUTRALISATION STRATEGY
		External Sites Operations	Global Procurement	*(from 2026)*
Sites	Comp&Ben Sustainability	Global DP & Distribution		

Scopes 1 & 2 | Scope 3

CIRCULAR ECONOMY		WATER STEWARSHIP		NATURE PROTECTION
Sustainable Packaging	Zero Waste to Landfill	Water efficiency	APIs in water *(from 2026)*	*(from 2026)*
	Sites	Sites	Sites	

DATA MANAGEMENT

Resp. TBD

The Team

Sponsor

Global lead

Project manager

Advisors

Group 1: KPI´s & Baseline

Group 2: Opportunities to improve Sustainability (Core Team)

Group 3: Directives/Legislation

Group 4: Communication plan (internal/external)

Group 5: Certified Materials

Quarterly Meetings:
(extended Team)

Group 1. Define KPI´s & Baseline for packaging measurements

1. Define and **establish a KPI** to measure the sustainability of the Almirall packaging and track evolution.
2. Create a **baseline** to evaluate packaging based on key products.
3. Identify opportunities to improve baselines scoring due to new products or changes, identifying **low sustainable packaging** with low requirements for change.

1. **What is our current state?** - Measure all existing products in Almirall´s portfolio **using LCA tool**
2. **What could we change?** - **Idenfity products** that could represent a significant change (i.e: high units volume, core products, etc)
3. **What is our baseline/starting point?** – Create/define a **baseline** to start
4. **What are others doing?** - Do a external benchmark (different types of sector)
5. **How we will measure sustainability?** - Build and stablish the bases to measure the level of sustainability with targets defined
6. **What is our goal?** - Define short, medium and long term objectives

Define KPI´s & Baseline for packaging measurements

❑ **Activities:**

1

- Innitial criteria identified
- **Top 20 Volume** products (83% company´s volume including CMOs)

2

- **LCA** Tool aquired
- **Gather packaging information** from plants to upload data in our

3

- Evaluate data loaded to understand results provided by the LCA tool
- Obtain first approach on Almirall´s packaging sustainability **current**

4

Set other Internal Indicators/trackers:

- % of products with **recycled material** → % of recycled material per product
- % of products with **recycable material** → % of recycable material per product
- % Materials with **Sustainable certification**

Define KPI´s & Baseline for packaging measurements

❑ **Target Define:**

Ambition 2030

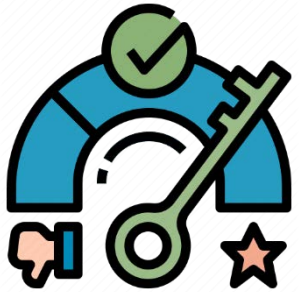
- 35%(*)

(baseline year: 2020)

LEVERS	ACTION PLAN
• To use **Environmental certified materials**	• Full implementation of **certified materials** in all products manufactured by Almirall, **focus on paper**. • For products not manufactured by Almirall to achieve at least 90% of implementation.
• Packaging **optimization** and **materials reduction.**	**Develop projects** for existing products focusing on: • Reduce waste eliminating non necessary materials. i.e., **reduce the use of leaflets**. • Develop optimization projects for existing products to reduce their impact: including **size optimization, increase recyclability, use of recycled materials** and new materials. • Market prospections of new materials to substitute current materials aligned with pharma regulations or to improve current packaging manufacturing impact.
• New packaging **design** with environmental principles	• To include in the new product development the environmental principles and an **evaluation of their impact** as part of the approval of the new product.

*(*) Baseline of **7.670 (ton CO_2eq emissions) based on products manufactured in 2020**, focused on 80% of volume and extrapolated to the 100% of volume. It does not include the transport of packaging materials, but the impact of the **manufacturing process and the whole packaging material's life-cycle is considered.***

Inputs & Outputs: **LCA TOOL**



Inputs:

- Component details (commont for PP, SP and TP):

  - Material
  - Mass
  - PCR Content (recycled material)
  - Manufacturing or Conversion Process
  - Packaging Type (for end of life)

- Packaging details:

  - PP – Capacity (Kg, g, ml, etc)
  - SP – Number of PP in SP
  - TP – Number of SP in TP

Outputs:

- Consumption

  - Fossil Energy Use
  - Water use
  - Mineral Resources Use

- Emissions

  - **GHG Emissions CO2**
  - Human Impacts
  - Freshwater Ecotoxicity
  - Freshwater Eutrophication

…and also a more simple comparatives.

SIMPLE Indicators

Fossil Fuel Use Differences for Each BOM Compared to the Reference

HDPE Oval Balneum 200 ml
0.09652 GJ deprived

0.01578 Barrels of Oil

0.002578 Average Homes Powered Yearly

SIMPLE Indicators

GHG Emissions Differences for Each BOM Compared to the Reference

HDPE Oval Balneum 200 ml
156.19 kg CO2 eq.

0.03345 Passenger Vehicles Driven Yearly

382.82 Miles Driven by Passenger Vehicles Yearly

66.53 Liters of Gasoline Consumed

4.05 Tree Seedlings Grown for 10 Years

0.1838 Acres of Forests Yearly

SIMPLE Indicators

Water Use Differences for Each BOM Compared to the Reference

HDPE Oval Balneum 200 ml
156.2 Kiloliter

41,268.65 Gallons of Water

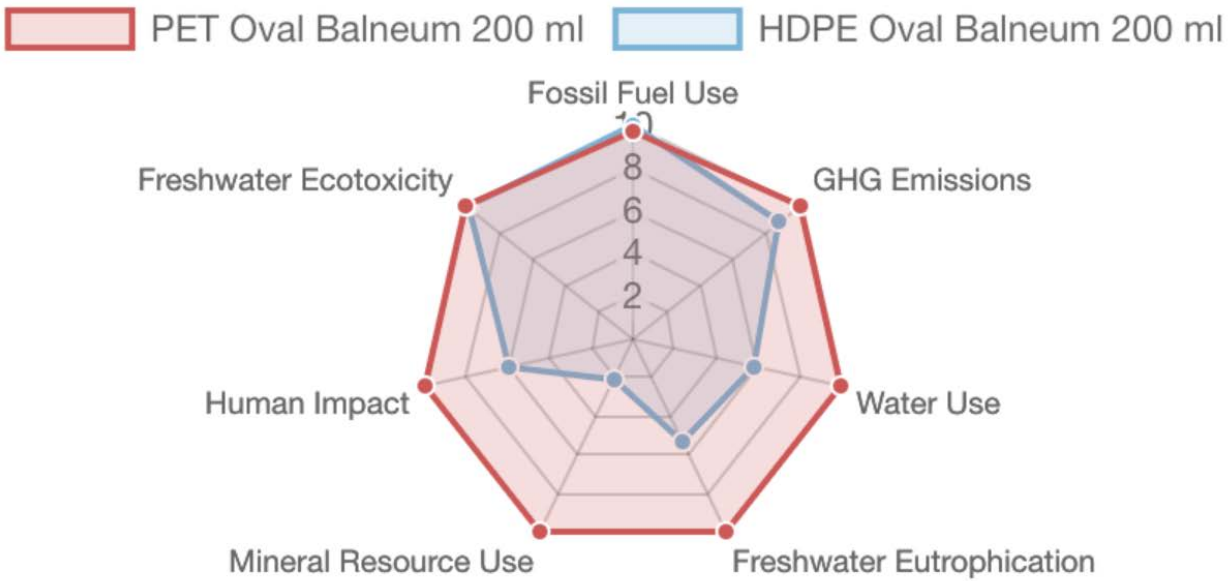
2,399.41 Average Showers

6.57 People Showering Daily for a Year

0.06248 Olympic Sized Swimming Pools

Example. Bottle **comparison**

- **Objective:**
  - An LCA check **to measure the environmental impact** of each option (PET vs HDPE) in order to facilitate a decision to either keep the same material or change it based on tangible data.

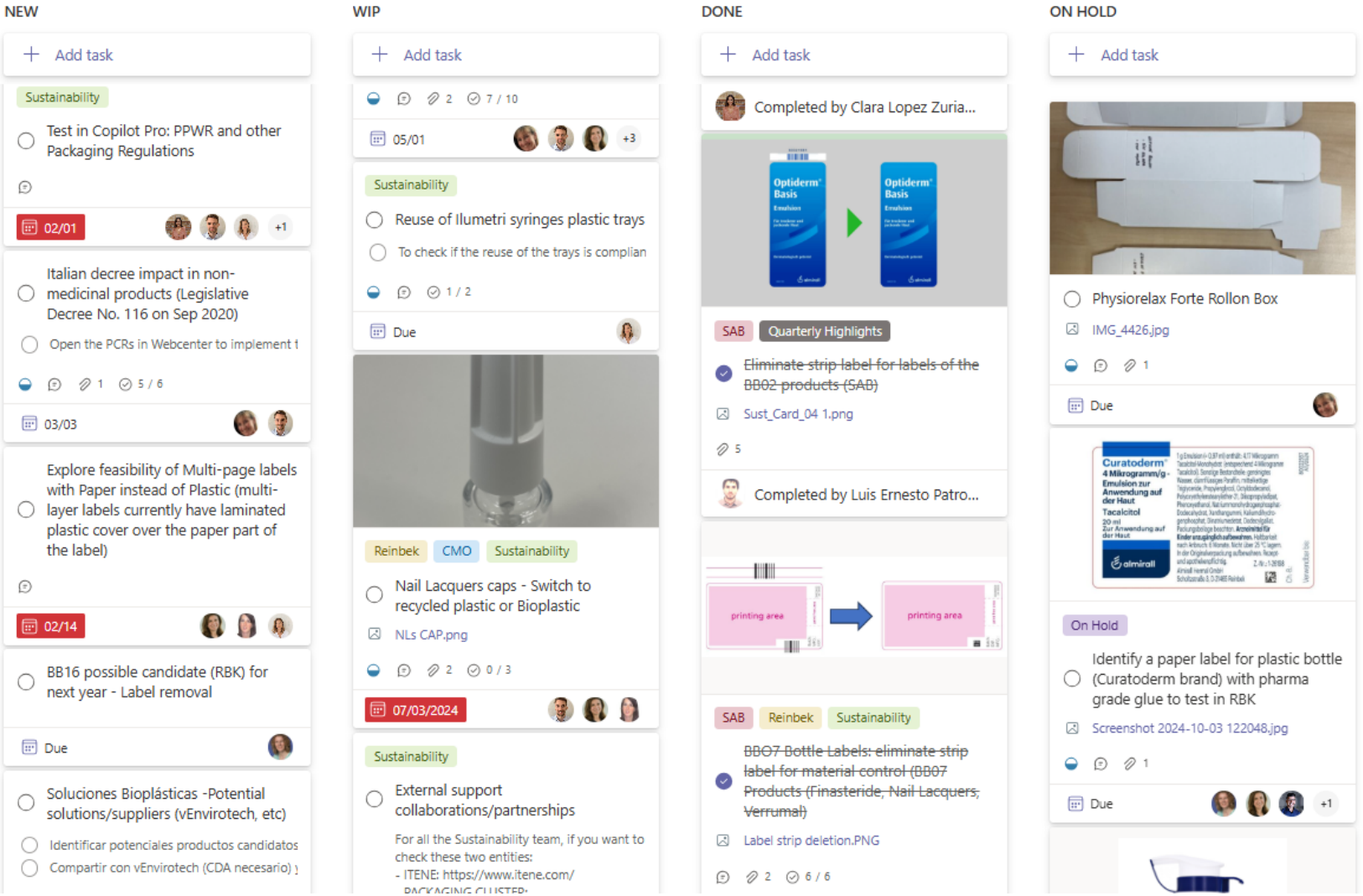


Opportunities to improve

Group 2 – Opportunities to improve - PLANNER

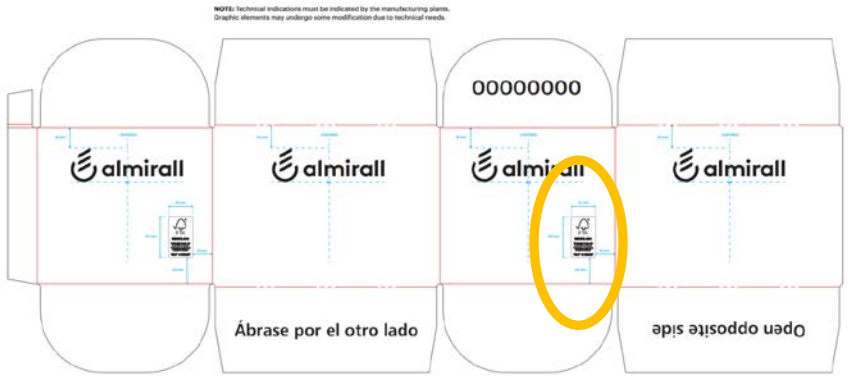
Planner:

GP&D Co-lead of all initiatives

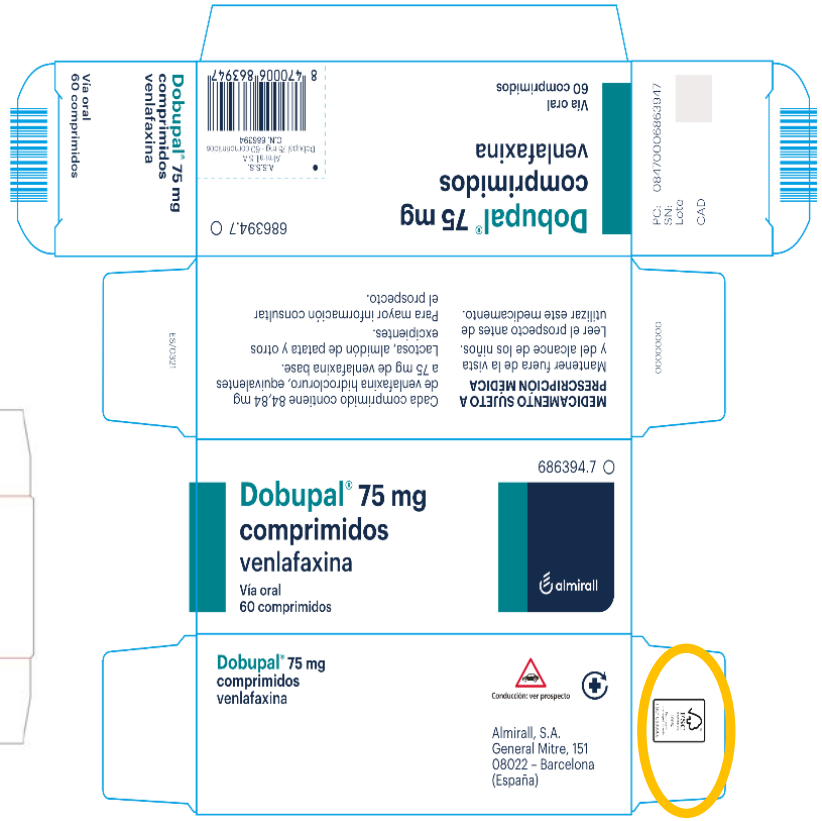


Group 5. FSC - Forest Stewardship Council

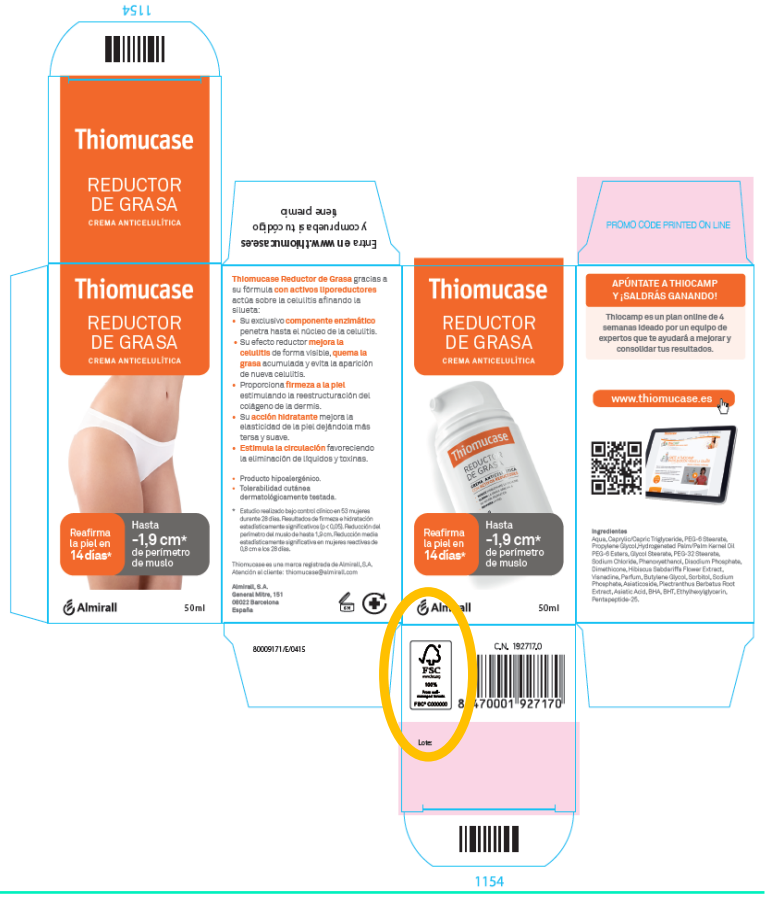
Shippers



Rx

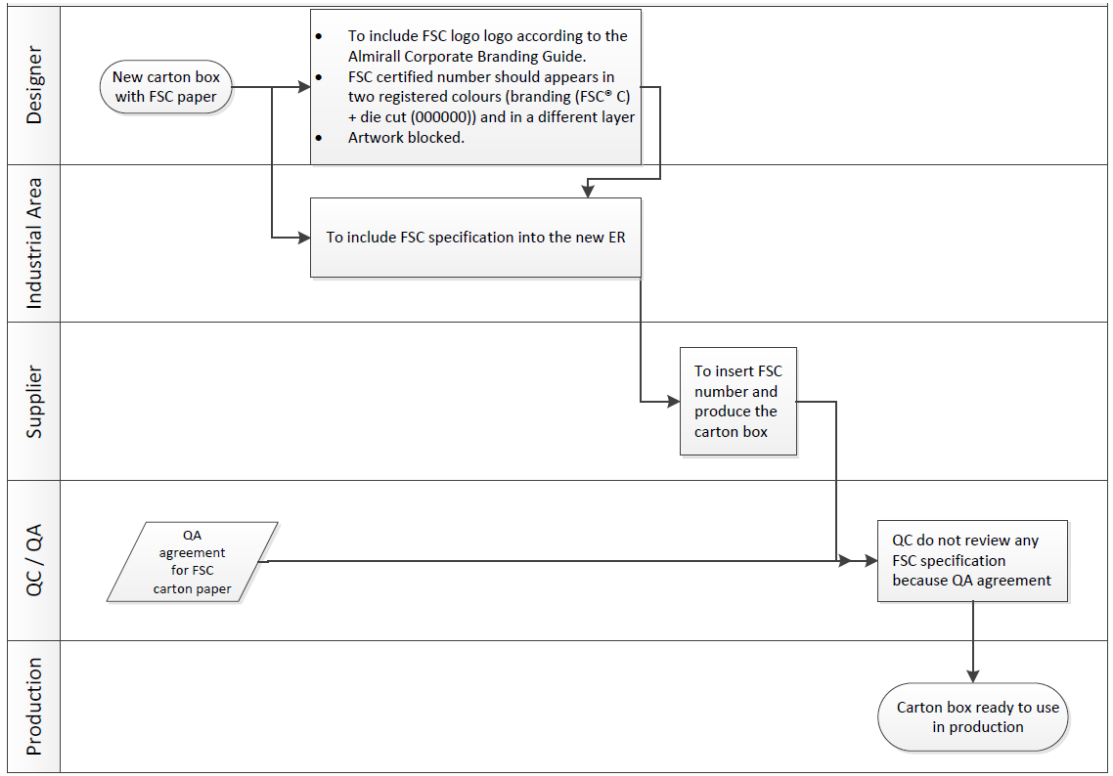


OTC / Cosmetics / Food Supplements



Group 5. FSC - Forest Stewardship Council

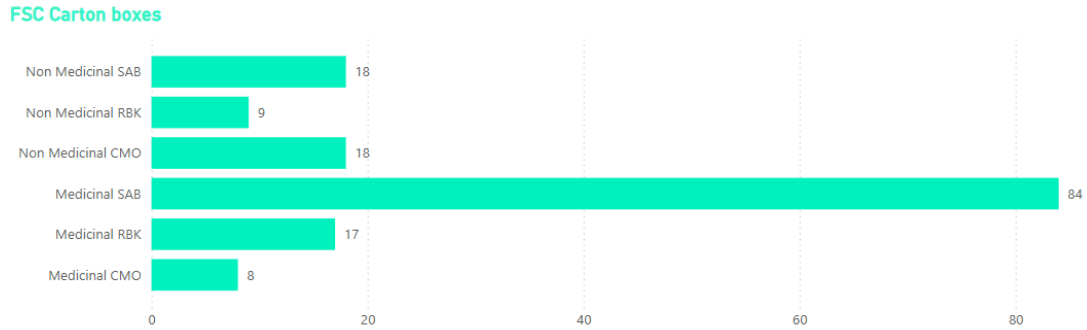
Process flow

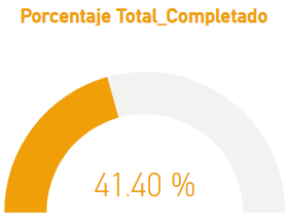


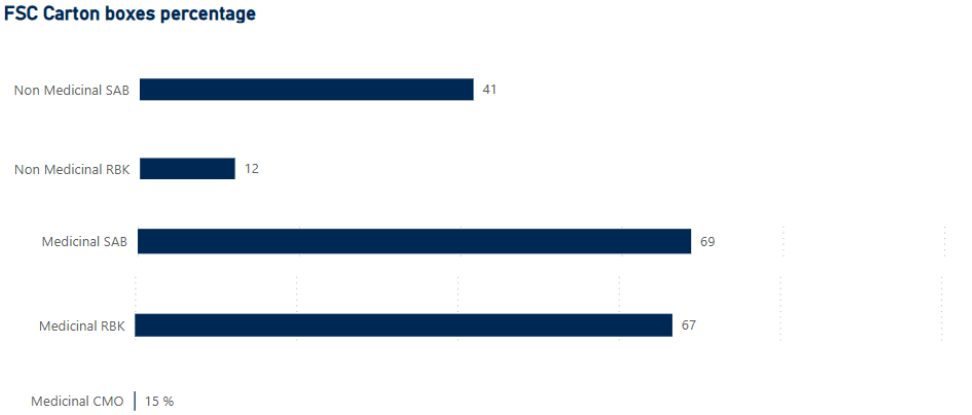
Implementation Tracker

154
Count of SAP Code: finished product

372
Total SKUs_FSC







Group 5. FSC - Forest Stewardship Council

Next Setps:

-Cartons from **subcontractor's** manufactured products (symbol included)

-Paper **Labels**

-Leaflets/Booklets

-Use of FSC fibers (even if no Logo) in **all Cartons**

Target: All Cartons, Leaflets and Paper Labels out of FSC Fibers by **2030**

Group 2 – Opportunities to improve

Product Information Leaflet (PIL) Removal:

Current status: 45% of SKUs that can have PIL removed* do not include it.

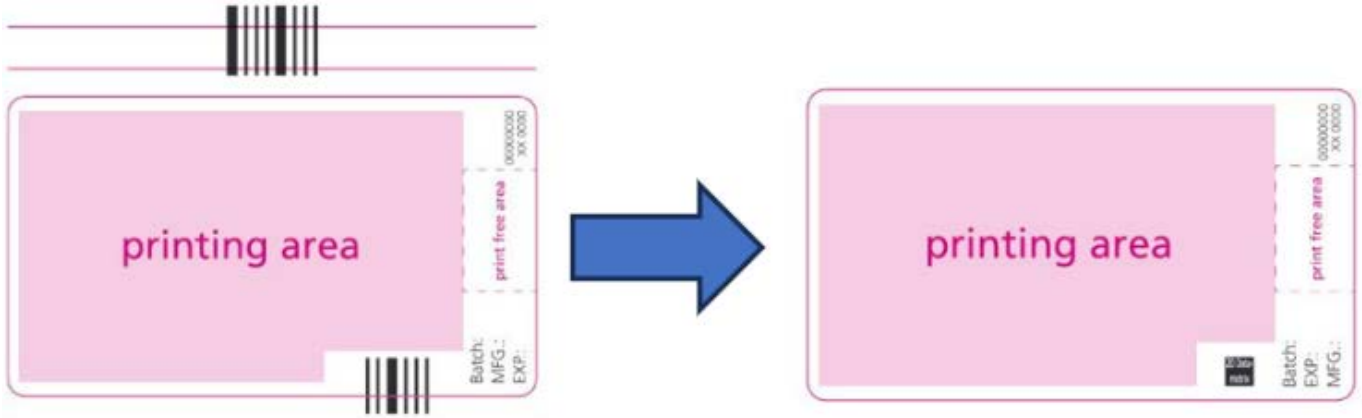
**Cosmetics, Food Supps. and Personal Care*

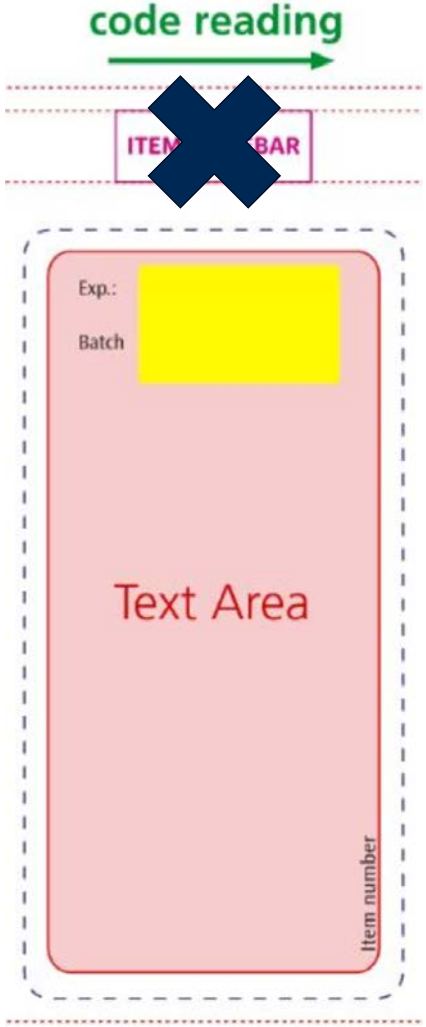
Target 2025: extra **15% of total SKUs**

Group 2 – Opportunities to improve

Strip removal from Labels:

Target: Estimated **2.650 CO2** KG reduction based on 2024 DP

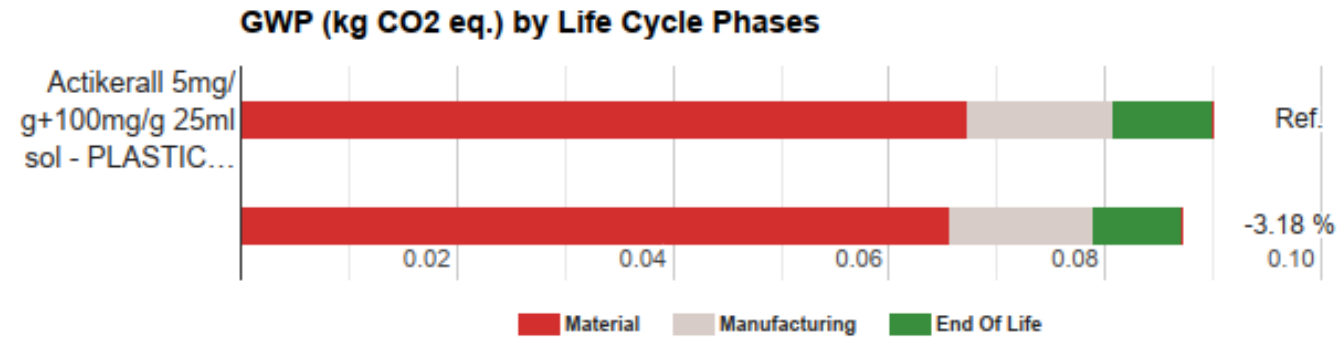




Group 2 – Opportunities to improve

Plastic to paper of RBK’s Plastic Labels:

Target: Estimated **2.681 CO2** KG tons reduction based on 2024 DP



Simple Indicators

Computed based on the Europe Region

Differences for each BOM compared to the reference

Actikerall 5mg/g+100mg/g 25ml sol - PAPER LBL
0.0029 kg CO_2 eq.

Group 2 – Opportunities to improve

Change support band material of RBK and SAB Labels to recycled PET

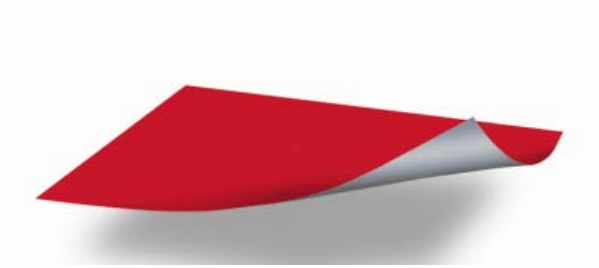
-RBK already receives ALL labels with PET support, to **rPET (30%)**

-SAB: Liners to **full rPET:** Inhalers (2024) and Biologics (2025)

Facestock

A clear Polyester film, 1 side siliconized and with medium release. rPET23 liner contains 30% Post-Consumer Recycled (PCR) content.

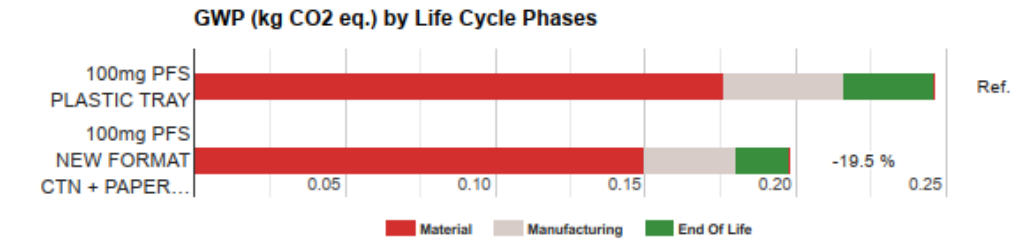
LINER rPET23 MR 1S



Group 2 – Opportunities to improve

PET tray to Carton for Biologic product:

Reduction: 4.169 CO2 KG reduction expected in 2025 (DP 2024)



Simple Indicators

Computed based on the Europe Region

Differences for each BOM compared to the reference

100mg PFS NEW FORMAT CTN + PAPER TRAY
0.048 kg CO_2 eq.

Ilumetri 200 mg/2 mL PFS-NSD (1 unit x box)

Current packaging

New packaging

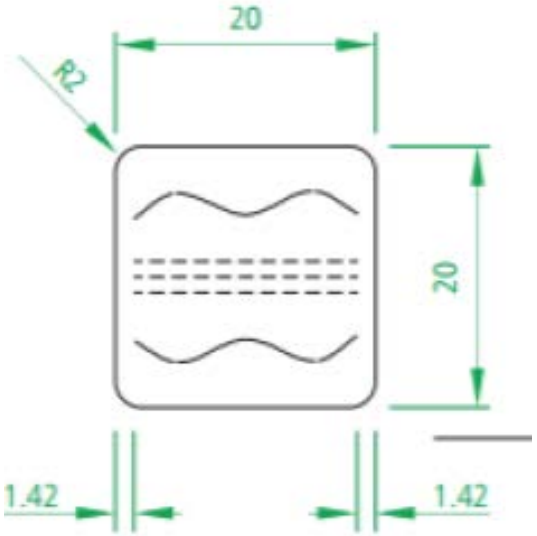
Ilumetri 100 mg/1 mL PFS-NSD (2 units x box)

Current packaging

New packaging

Group 2 – Opportunities to improve

PAPER Tamper Evident Labels for Cartons



Objective

The objective of this project is to **implement tamper evident labels (TEL) for the cartons of our RX products**, using **100% recyclable paper material**. This will have a great impact on the sustainability and security of our products.

Requirements

It is very important to **preserve the same size** that we currently have in our projects. The labels should be **compatible with our existing packaging** and printing processes.

Status

- Proposals from Suppliers under analysis
- Tests in laboratory ok. Transparent, No varnish needed, removal correct.
- PCM project to be started for GP&D analysis
- Samples already provided to GP&D.
- Readability of Matrix correct, even if labeled over DM.
- Samples received in RBK

Group 2 – Opportunities to improve

❑ Cosmetic Cap Change

1. Cap color change (from magenta to white) and weight reduction (both formats 50ml & 150ml) → 20% **less plastic** + improve recyclability with a white cap

Group 2 – Opportunities to improve

Implementation of Child Proof Closure for specific product

Wins:

Avoid additional plastic bag in dangerous goods shipper carton.
Reduce time in logistic area for repacking.
Reduce waste.
Improvement to avoid 2nd shipper carton for sea and air freight.

Step 2. Packing of the internal box into the external

Step 3. Preparation of the pallet

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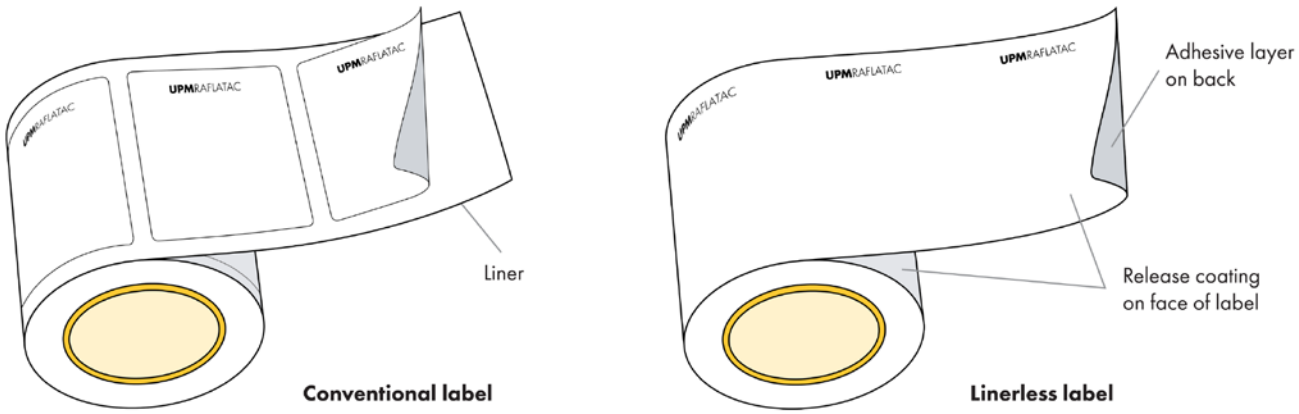
Group 2 – Opportunities to improve

Direct Thermal (DT) Linerless label (WIP)

DT Linerless is a tape with adhesive on the reverse and silicone on top.
It is a flexible and sustainable alternative to conventional pressure-sensitive label materials that still offers the same scanning and traceability properties.
DT Linerless is ideal for retail, food and logistics labeling as well as any other applications where optimal thermal printability and adhesion combined with a clean cut is required.



Great for rough surfaces

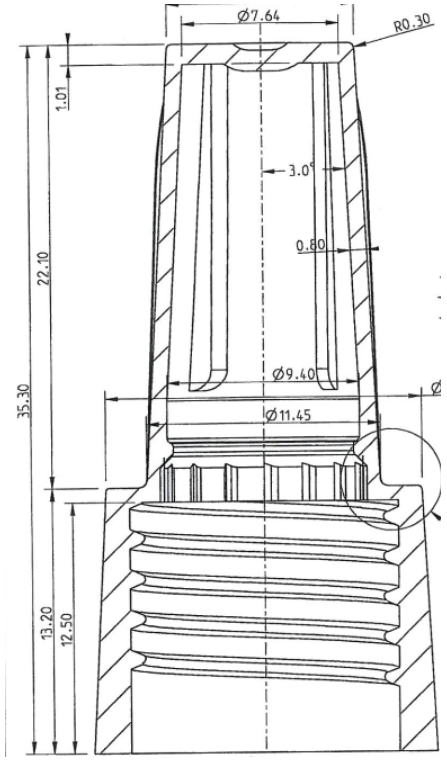
Linerless LOGISTICS is a range of direct thermal linerless label products with reliable adhesion designed for logistic industry like rough surfaces of corrugated boards. The labels are available in all main core sizes.

Group 2 – Opportunities to improve

Nail Lacquers caps - Switch to recycled plastic or Bioplastic

Objective

The goal is to modify the material of the top part of the **cap** (not in contact with product) by replacing it with either **recycled plastic** or **bio-plastic**.



Ecodesign and Recyclability

Ficha técnica de ecodiseño para envases domésticos

anefp
Autocuidado de la Salud

Ponemos a tu disposición esta herramienta en ecodiseño, diseñada para ayudarte en la identificación de oportunidades para la prevención de la generación de residuos y la reducción del impacto ambiental de tus envases.

Foto envase

Código de producto:

Nombre del producto envasado

Categoría legal

Fecha proyecto

Descripción del envase doméstico

Identifica las principales características de tu envase que pueden estar relacionadas con su impacto ambiental y su correcta gestión como residuo.

1 TIPO DE ENVASE (ejemplo: envase doméstico un solo uso primero
Según criterio en el sistema de información de envases puestos en el mercado del MITERD por ej. doméstico de un solo uso

a. Un solo uso ☐ Reutilizable ☐

b. Primario o unidad de venta ☐ Secundario o agrupación ☐ Terciario o transporte ☐
(en AEMPS acond.primario + embalaje exterior)

c. Envase reciclable certificado SI◯ NO◯ c. Envase reutilizable certificado SI◯ NO◯

2 FORMATO de envase

1.PRIMARIO O U. DE VENTA	FORMATO	UD	CONTENIDO REUTILIZABLE(%)	VACIADO CORRECTO*	ENVASE SUPERFLUO**	KR/KP (PESO ENVASE /PESO PRODUCTO)
• Acondicionamiento 1º						
Elemento 1 o principal				SI◯ NO◯	SI◯ NO◯	
Elemento 2				SI◯ NO◯	SI◯ NO◯	
• Embalaje exterior						
Elemento 1 o principal				SI◯ NO◯	SI◯ NO◯	
Elemento 2				SI◯ NO◯	SI◯ NO◯	
2. SECUNDARIO O AGRUPACIÓN						
3. TERCIARIO						

*Se considera que el envase per
**Envase superfluo: innecesario

3 MATERIAL

1.PRIMARIO O U. DE VENTA	MATERIAL (Cartón, papel, plástico)	CONTENIDO RECICLADO (%)	MULTIMAT SI*●/NO	SEPARABLES SI/NO y MM●
• Acondicionamiento 1º				
Elemento 1 o principal				
Elemento 2				
• Embalaje exterior				
Elemento 1 o principal				
Elemento 2				
2. SECUNDARIO O AGRUPACIÓN				
3. TERCIARIO				

7 RECOGIDA SEPARADA

DIMENSIONES (del envase en relación a la boca del contenedor (mm)):

SIGRE < 208 x 150 | AMARILLO < 300 | AZUL < 1.000 X 130 | VERDE < 300

PLANTA DE CLASIFICACIÓN

8 TAMAÑO DE LA ETIQUETA VS CUERPO PRINCIPAL ENVASE

Tamaño < 2/3 de la superficie del envase SI◯ NO◯

9 COLOR envase - Planta de clasificación y calidad de materia prima secundaria:

■ Transparente

● Negros |Colores oscuros | Metalizados | Acabados con brillo

10 TINTAS, BARNICES Y ESMALTES ENLACE

Las tintas elegidas NO deben estar en el "Listado de Exclusión de Tintas para imprimir" (Asociación Europea

11 ADITIVOS, RELLE

*Comprueba con esta
envase

12 ADHESIVOS Y SIL

Los adhesiv¿os debe
Los adhesivos no sol

13 ECOMODULACIÓN DE LA APORTACIÓN ECONÓMICA AL SCRAP

Bonificación en ecomodulación ■ SI ● NO Penalización en ecomodulación ■ SI ● NO

Lista de verificación de oportunidades en ecodiseño

Una vez realizada la valoración de tus envases, toca seleccionar la estrategia a desarrollar en tu proyecto. Marca en cada una de las 6 áreas siguientes los objetivos para el ecodiseño de tu envase.

Materiales	Objetivo	Cuándo	Producción	Objetivo	Cuándo	Envasado y Embalaje	Objetivo	Cuándo
Mínima cantidad de material de envase			Óptimo número de procesos de fabricación			Óptimo número de procesos de envasado		
Mínima diversidad de materiales de envase			Mínimo tiempo/distancia entre procesos			Mínimo consumo de recursos para el envasado		
Óptimas prestaciones del material			Mínima cantidad de sustancias tóxicas			Mínimo riesgo de migraciones en el envasado		
Máximo uso de materiales de origen local			Máximos procesos tecnológicamente eficientes			Óptima protección y adecuación del producto mediante el embalaje		
Máximo uso de materiales de origen renovable			Máxima recuperación de subproductos			Óptima cantidad de embalaje vs producto envasado		
Máximo uso de materiales reciclados			Máximo uso de energías renovables			Número óptimo de procesos de preparación del embalaje		
Máximo uso de materiales con certificados ambientales			Máximo de proveedores sostenibles			Máxima recuperación de subproductos de embalaje		

Distribución	Objetivo	Cuándo	Punto venta y consumo	Objetivo	Cuándo	Gestión Final	Objetivo	Cuándo
Óptimo volumen de carga en transporte	●		Máxima versatilidad en la presentación en el lineal de venta			Mínima cantidad de envase no valorizable		
Óptimo peso en transporte			Máxima comunicación de los valores del producto y marca			Óptimo diseño para la recuperación del residuo de envase		
Máximo de elementos de transporte retornables			Óptimo aprovechamiento de producto contenido			Máxima compatibilidad de materiales en el reciclaje		
Rutas de distribución óptimas			Máxima eficiencia del envase en la conservación del producto			Mínimo uso de aditivos que reducen la calidad del reciclado		
Máximo de vehículos de transporte eficientes			Óptimo formato para el modo de consumo			Óptima identificación de materiales de envase		
Máximo de combustibles/fuentes renovables			Máxima eficiencia del envase en la conservación del producto			Óptima comunicación de los canales de gestión de residuos de envase		

Ecodesign and Recyclability

ECODESIGN STRATEGY/PRIORITIES:

2 “different” approaches to ECODESIGN, based on current regulations (**eg. prohibition to use PCR Content** in Pharma Packaging*** and restrictions **to take Pharma Primary packaging into “mainstream” collection systems**:

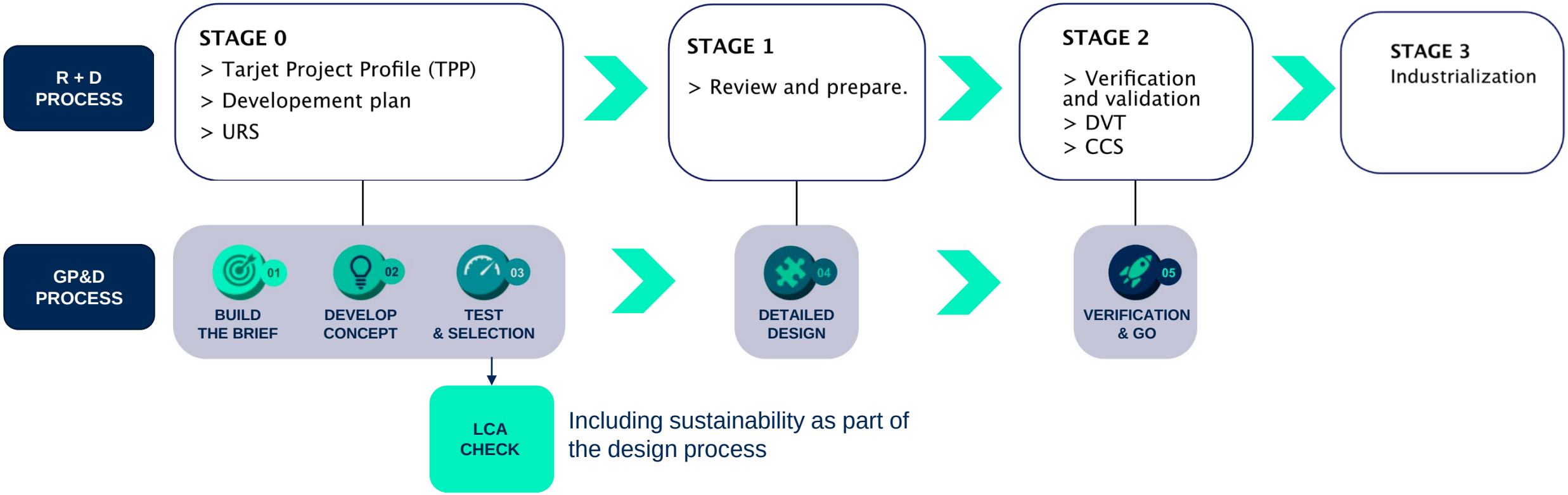
*** *except **chemically recycled content** in Europe*

A) **MEDICINAL PRODUCTS**: Focus on Life Cycle Analysis (LCA*) to reduce Carbon Footprint in all stages of the Life Cycle, more than on the recyclability of the materials (primary).

A) **Rest of PRODUCT CATEGORIES:** Focus on Life Cycle Analysis (LCA*) **AND** on the recyclability of All materials, including primaries to facilitate the existing **classification and recycling process**.

01

NEW PRODUCTS
Integration of packaging design in R+D process



Communication Plan

Group 4. Communication plan (internal/external)

- **Internal Communication:**
  - **Corporate communications:**
    - Project **Scope & Team structure**, packaging **best practices guide**, interviews and **specific initiatives** implemented, to **foster participation and proposals from different areas.**
  - **ESG – Environmental Social Governance:**
    - Planet program strategy and achvievements.
    - Strategy aligned with ESG: packaging sustainability initiatives are a part of the ESG
    - Include an "**Open Box**" to invite Almirall´s employees to share sustainability innitiatives

- **External Communication:**
  - Report at company level (anual) – **non financial info** – in which it has to be reported the enviromental data (**CO2 emisions**, packaging, etc) and **specific packaging improvements messured on C02 reduction**. Info verified by an external company
    - Qualitative info is gather during the Q4 of each year
    - Quantitative info is gather Q1 of the following year and share with stakeholders & investors

Collaborations and Partnerships

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- ❑ **Technological Centers**
- ❑ **Packaging Clusters**
- ❑ **Commercial Partners**
- ❑ **Subcontractors**
- ❑ **Packaging Materials Suppliers**
- ❑ **Competent Autorities**

Collaborations and Partnerships

ePIL Pilot Project:

Almirall participating on AEMPS's Pilot **to eliminate the paper leaflet from medicines in hospitals**

Almirall has participated with 3 different product's **Clinical Packs** by including on their Blister's **alu foils a DataMatrix** to direct Healthcare professionals to PIL info.

almirall
feel the science

GLC

Thank you