



INDUSTRIAL PERFORMANCE TO SUPPORT CIRCULAR ECONOMY



RE-THINK | REDUCE | REUSE | REPAIR | RECYCLE



ETERNITY Systems Group



+ 7 billions
packaging reused



750 millions
of packaging
washed/year



1500
employees



200 000m²
of washing surface



2,3
units washed/day



65
nationalities



75
washing lines



17
washing centers



7
sorting centers



ONLINE VIDEO
CLICK HERE

A solution adapted for all industries, rather in plastic, glass or stainless steel.

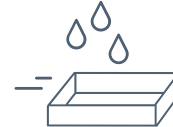


Transport, Washing, Storage & Automation



Reusable crates in the Food industry, e.g. for:

Fruits | Vegetables | Meat | Fish | Baked goods



Secondary and tertiary packaging along your supply chain, e.g.:

Boxes | Crates | Buckets | Big Box | KLT/GLT | Pallets



Primary containers for food, cosmetics and cleaning products, e.g.:

Bottles | Jars | Cups | Trays | Gastronormes containers



ETERNITY Systems can support you Worldwide



CANADA
LONGUEUIL, QC
GUELPH, ON

USA
RANCHO, CA
FRESNO, CA
YORK, PA

PORTUGAL
AZAMBUJA

ESPAÑA
ZARAGOZA
PICASSENT
YUNQUERA

DEUTSCHLAND
VOERDE
KREFELD
CRAILSHEIM
SANKT LEON ROT

ETERNITY SYSTEMS HQ
PERPIGNAN

FRANCE
LISSES
CESTAS
CAVAILLON
TRÉMOREL
VALENCE

LOGISTICS
BOMPAS
PICASSENT

UK
NUNEATON1
NUNEATON2
LEEDS

IRELAND
DUBLIN
LIMERICKS

HOLLAND
VENLO

AUSTRIA

HUNGARY

ROMANIA

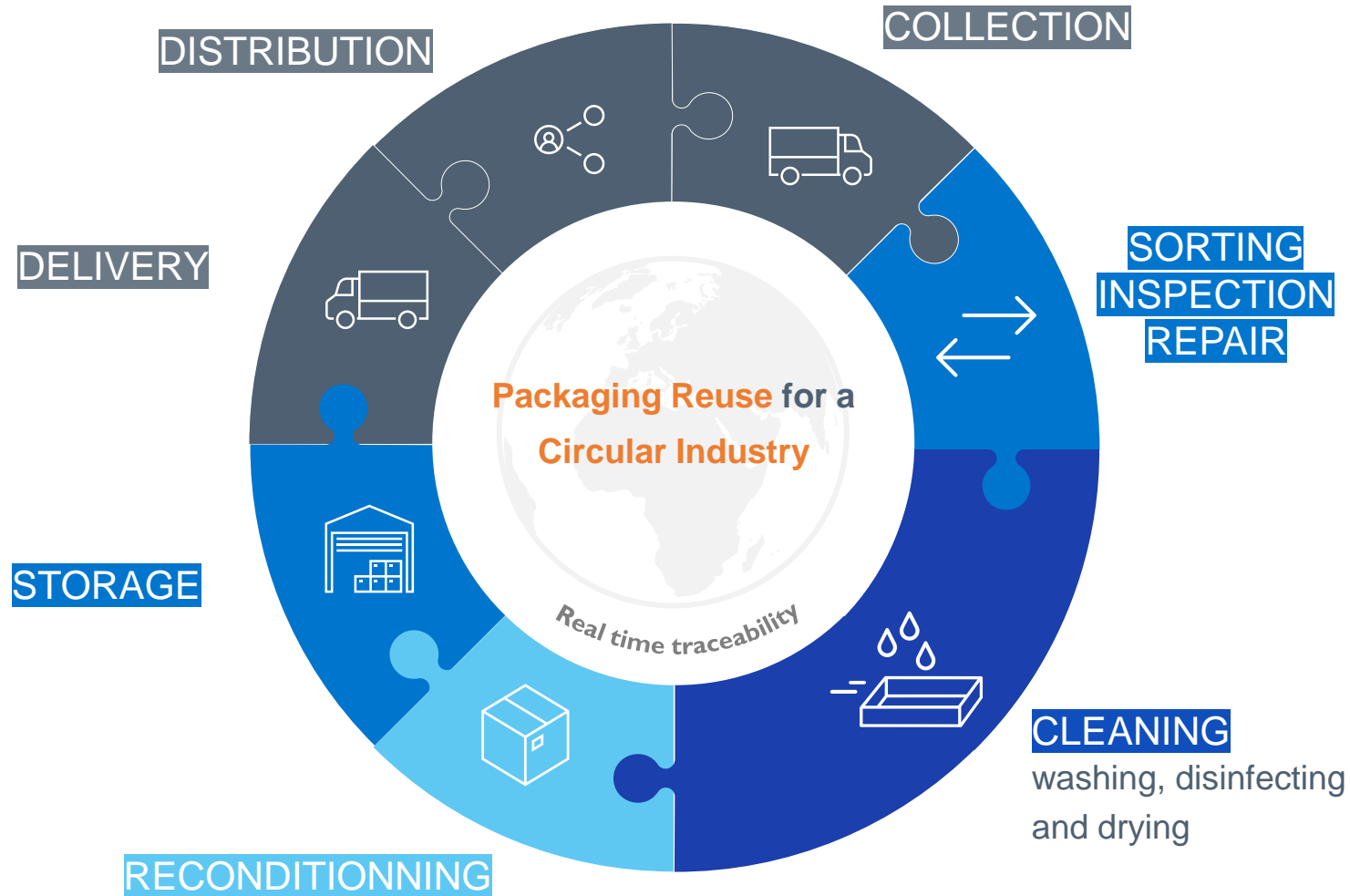
POLAND

GREECE

CZECHIA

RUSSIA

Based on a Washer – Pooler model

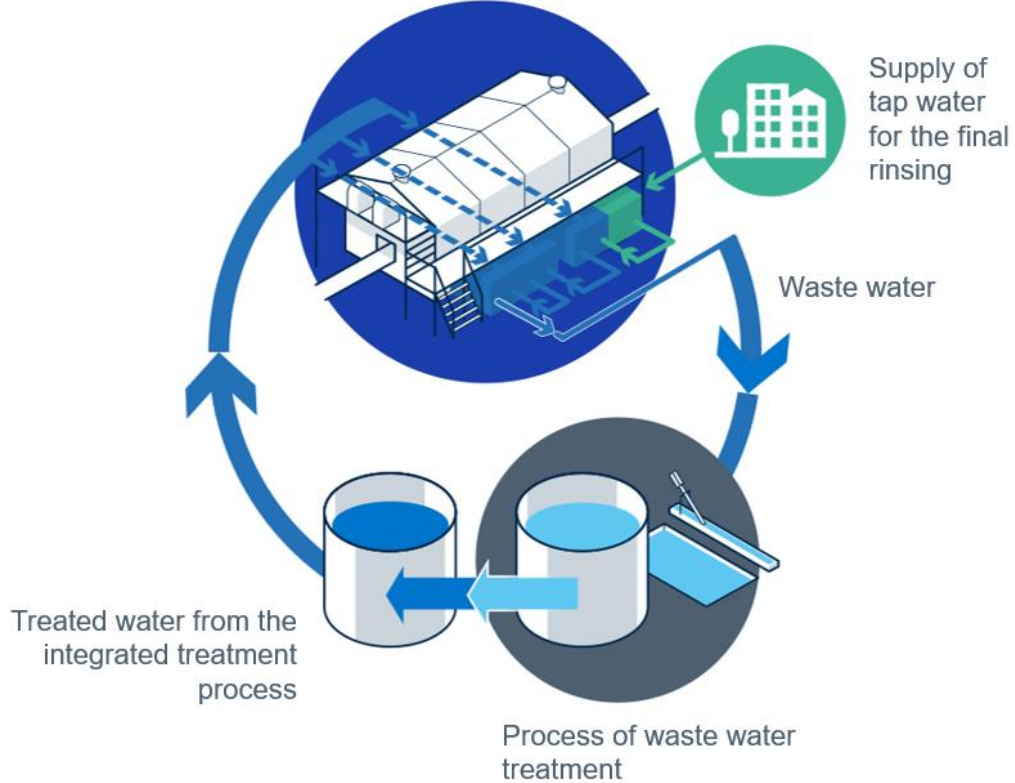


The **skills** and **experience** of **ETERNITY Systems'** experts are valuable in ensuring the **technical** and **economic viability** of projects and compliance with the **strictest hygiene standards**.

Environmental impact at the heart of our priorities

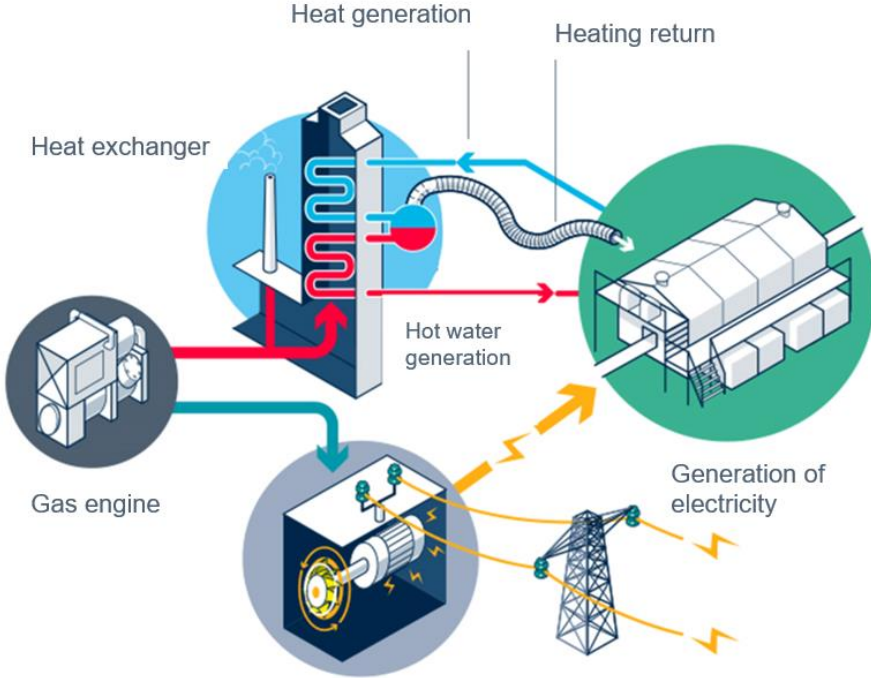
EFFICIENT WATER RECYCLING

Our most recent sites have an internal water treatment plant which allows to reuse industrial water. 1L is reused 300 times which reduces the water demand by up to 70%.



HEAT RECOVERY

Some of our reuse centers are equipped with a CHP (Combines Heat Power) system: they produce electricity that is sold to the grid, and recover the heat from the production to heat the wash water. By replacing our traditional dryers with centrifuges, we have reduced our electricity and gas consumption by over 40%.



Strict hygiene procedures confirmed by a certification process



In order to guarantee food **safety**, **microbiological tests** are carried out

1. Daily in our **own laboratories** at every shift change;
2. In addition, we regularly have our test **results confirmed by independent auditing** institutes.

Strict hygiene requirements apply to the food and cosmetics industry.

ETERNITY Systems guarantees the quality of the products and processes used.

Each of our sites applies **HACCP** and is **ISO45001** and **ISO9001** certified.

In the R&D phase or in the QHSE validation of operational processes

In order to support the actors of the loop at all stages of the qualification and choice of materials, traceability technologies, validate the compatibility with automated industrial washing, we accompany you to define the number of cycles and the impact of reuse on your solutions thanks to our 2 endurance test laboratories in France (departments 66 and 91) and the provision of a dedicated project team with Quality, Food safety and Engineering skills.

These tests are aimed at:

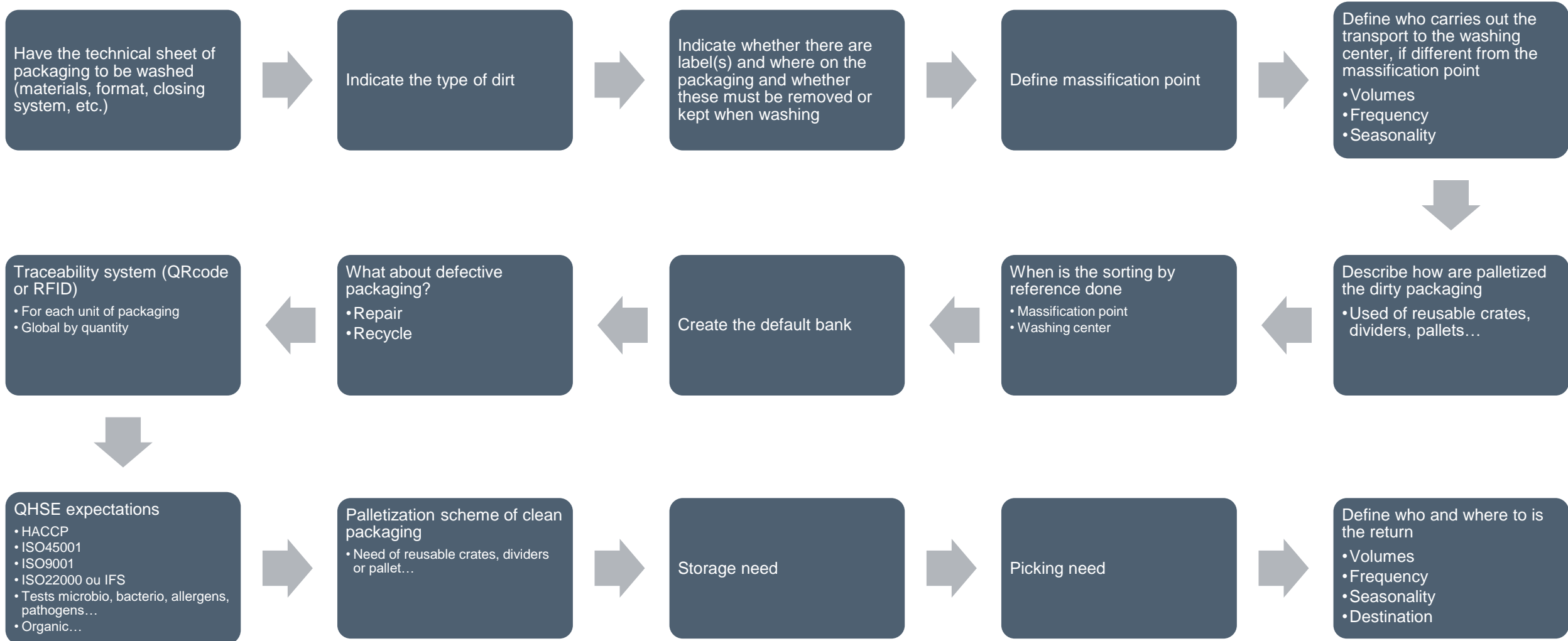
- **Manufacturers of reusable packaging:** plastic, stainless steel or glass
- **Manufacturers of traceability solutions:** RFID, QRCode on labels, engraving, screen printing, plastronics...
- Research and analysis **laboratories** and **consortium** who are carrying R&D projects

Accelerated automatized testing is used to study:

- Compatibility with industrial operations (handling, productivity, washability, packaging, stackability, etc.)
- Migrations
- Deformations
- Coloration
- Organoleptic Impacts
- Impacts of different closure systems (lid with seal, heat sealing or heat bonding etc)



Key operational points to set up a reuse loop



Our Ecosystem



Part of the Ellen
MacArthur
Foundation
Community



Financé par



Funded by
the European Union



LET'S REUSE TOGETHER!



ETERNITY
SYSTEMS



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