



Safripol Sustainability Conference 2024

RSS and ALPLA's strategic collaboration for
bottle to bottle PET recycling

Gerhard Meyringer & Beven Sudhu

MD ALPLA Recycling SA & MD Repurpose





ABOUT RE-PURPOSE

Re-Purpose

Innovative leader in reverse logistics within the waste management sector, ensuring strategic partnership with collectors, recyclers and producers.



Convert waste into jobs, leading to an improved society.



Improving the circular economy through diverting from landfill and into a re-use.



Increase commercialisation of the circular economy and create value from resources currently discarded as waste.

2016

Re-Purpose was founded

2018

30 direct jobs created

2020

35 Buyback Centres empowered, supporting 1 200 waste pickers

2022

SAB Social Innovation Award-Winner

2023

5 000tons Plastic Collected

OUR TRACK RECORD



Gender equity
43%
of our collectors are women



Sustainable Development Goals(SDG)
1, 4, 5, 8, 10 and 11
being achieved through out our organization



Job creation & upskilling
600+



Environmental impact- 2021-2023
10 000 tons
of plastic collected, separated and recycled

STRENGTHS



MRF's



**Logistics
Fleet**

STRENGTHS



T
E
A
M

SCHOOLS PROGRAM



SCHOOLPET – FISH LAUNCHED 23 AUGUST 2024



1. Holds 400kgs PET when full
2. Influences separation at source
3. First prototype launched, engagement with stakeholders for 50 school role out(50ton target Q1 2025)

RE-PURPOSE & ALPLA COLLABORATION AND PARTNERSHIP



1. More than 2years of analysis, KZN location and strategic discussions.
2. RE-PURPOSE focus on PET bale reverse logistics whilst ALPLA focus on Recycling + Conversion
3. **One Vision-** Every PET bottle sold in KZN to find its way back to ALPLA Recycling, Ballito

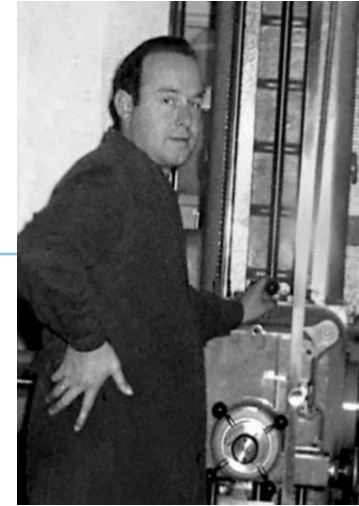
ABOUT ALPLA



ALPLA history & Core business

ALPLA Recycling

From the laundry room to the world's largest family-run developer, producer and recycler of packaging solutions.



- Founded 1955 in Hard (Austria) as "Alpenplastik"
- By the brothers Alwin and Helmuth Lehner
- Customer centric and problem-solving mindset



ALPLA around the world

23.300

Employees

190+

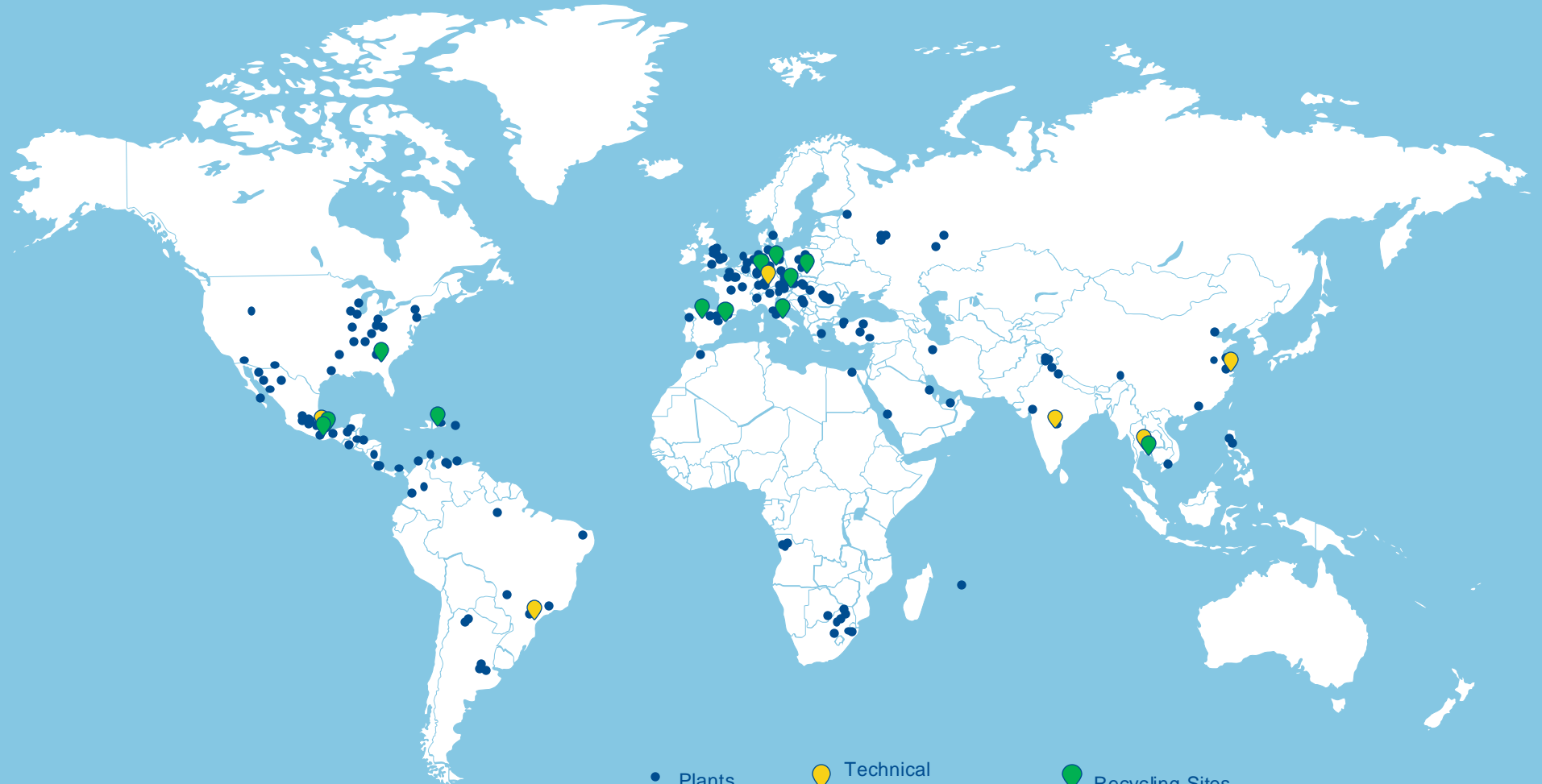
Production facilities

46

Countries

5.1 bn €

Revenue



* 2022 numbers

• Plants

📍 Technical Centers

📍 Recycling Sites

Our market segments

Scope

Our customers range from global players to local brands

Standard and custom products

Specialist in packaging systems (closures + bottles)



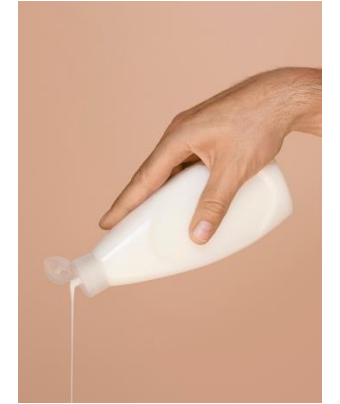
Beverages



Food



Milk & Dairy



Beauty Care



Home Care



Oil & Lubricants

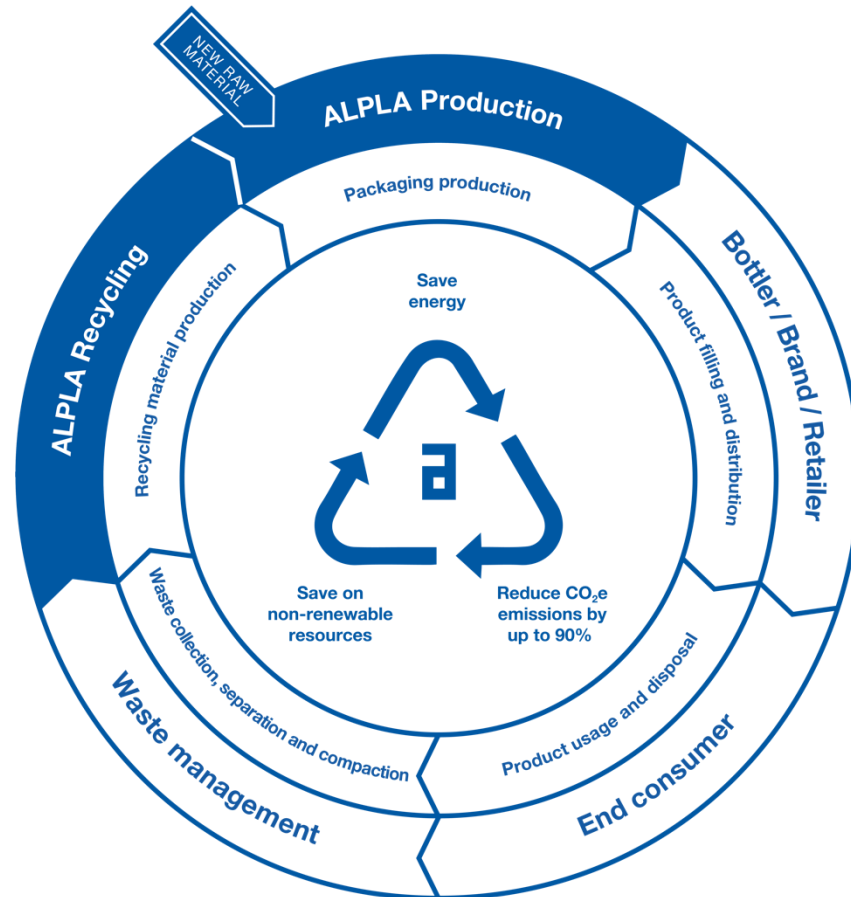


Pharmaceuticals



Industrial

Why ALPLA stands for recycling



Recycling generates **value** to used plastic packaging, thus stimulation the circular economy and preventing littering.

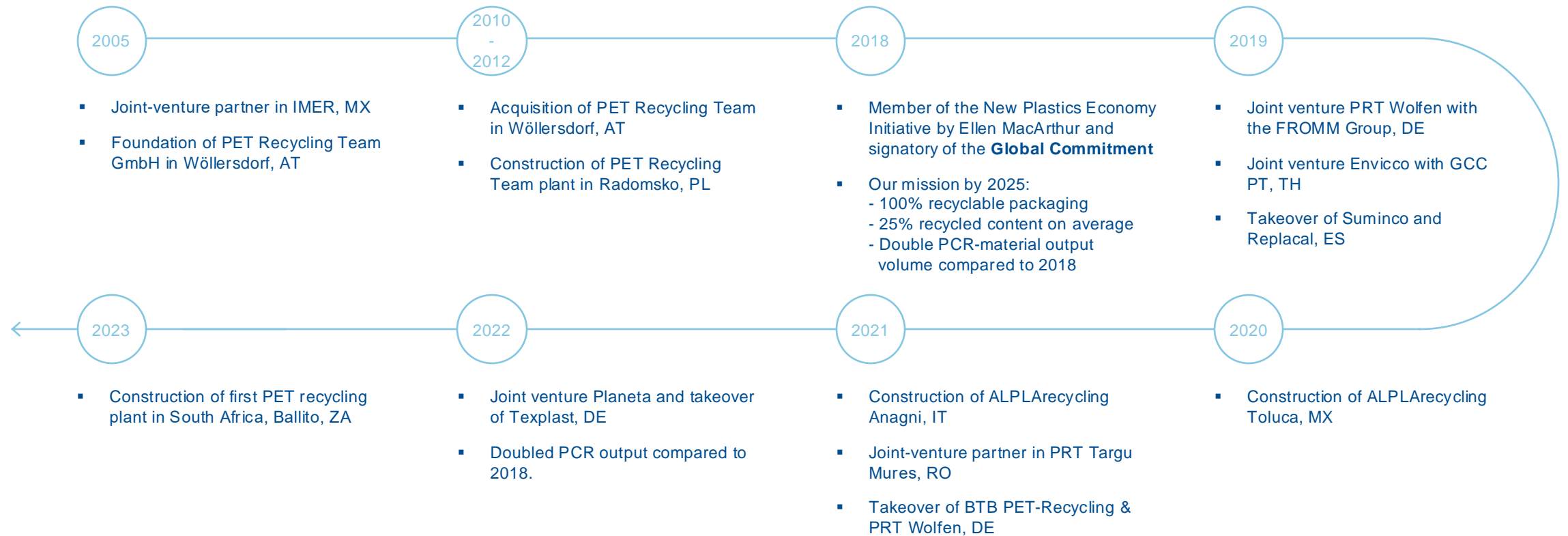


The principle of a **circular economy** is positively and increasingly driven by politics, society and ALPLA customers in the same way.



By keeping plastic materials in a closed loop, we can **decrease** essential **greenhouse gas emissions**.

Milestones

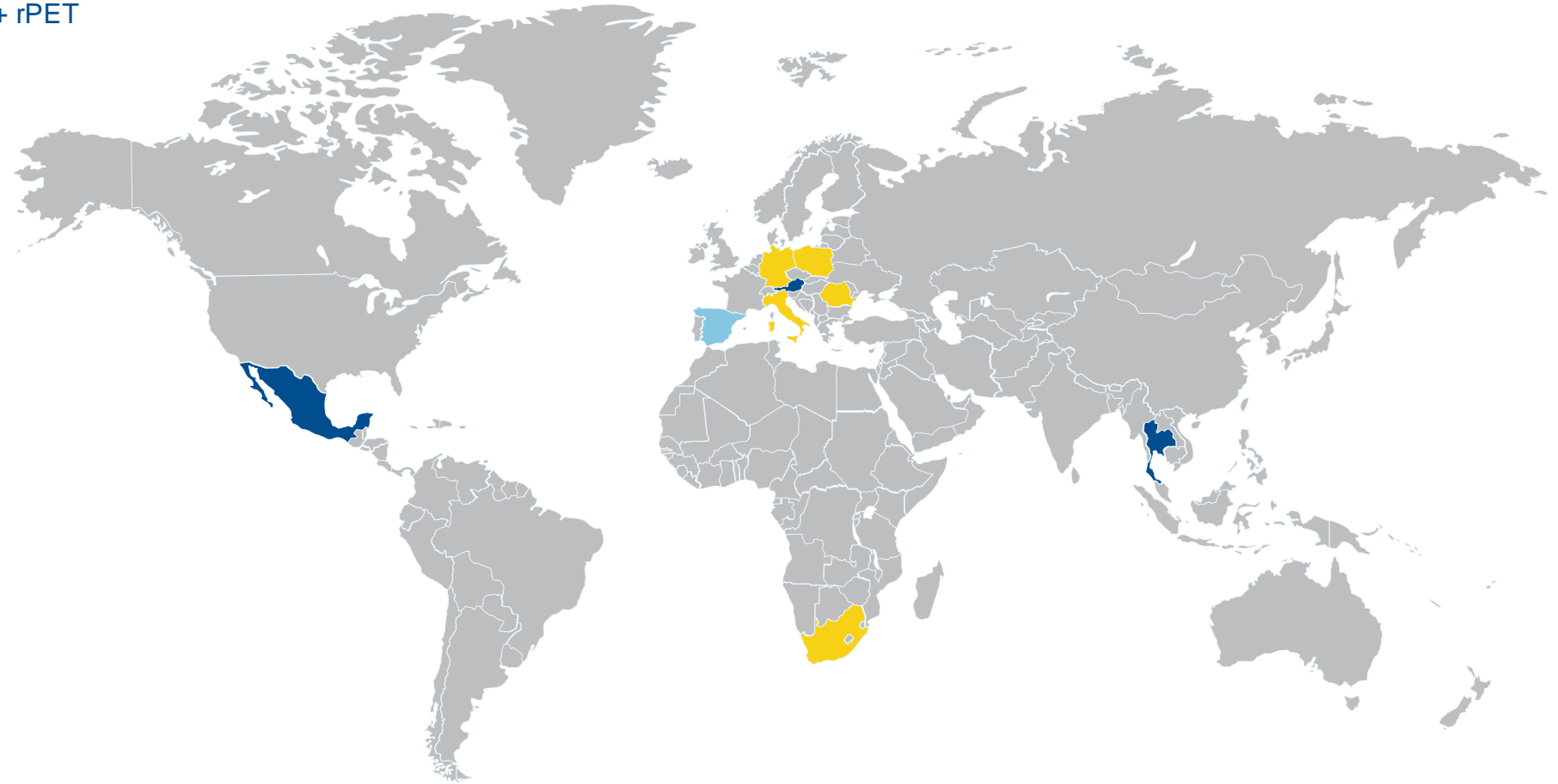


350.000 tonnes installed and projected recycling output capacity in 2023

● rHDPE ● rPET ● rHDPE + rPET

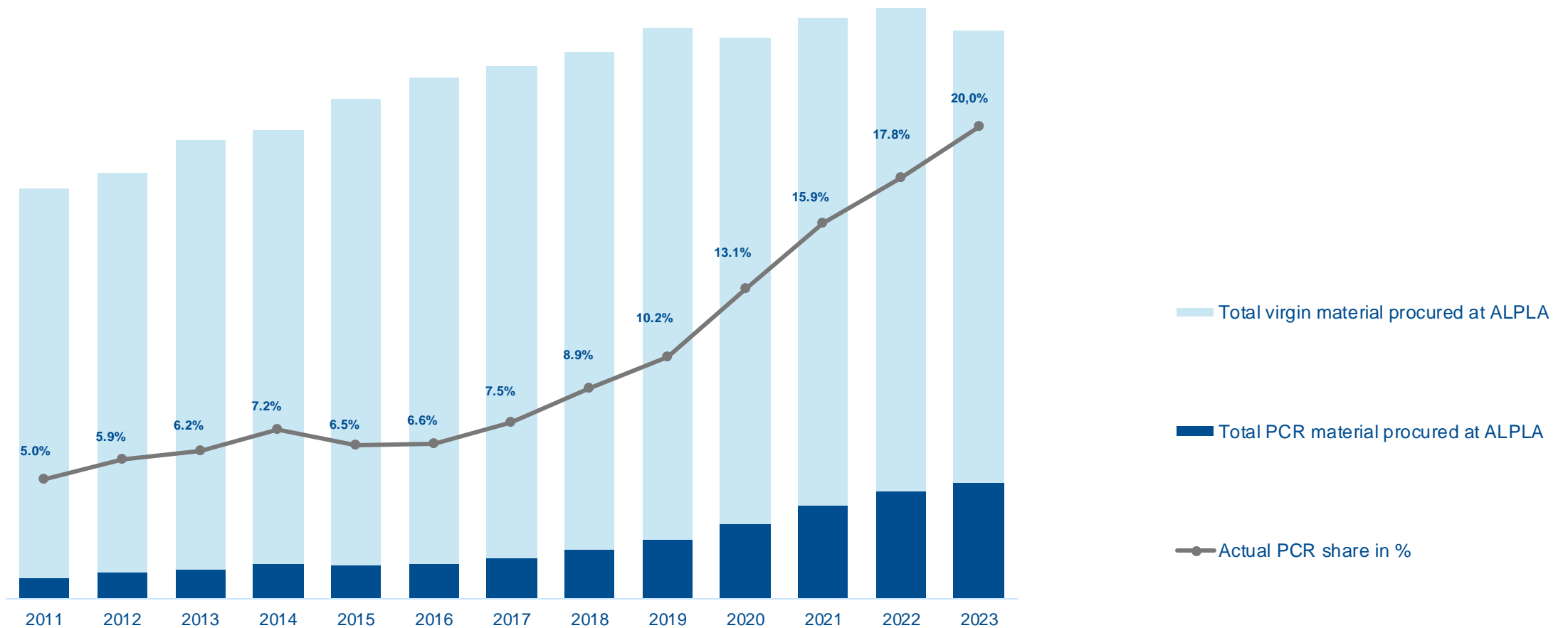
rPET
266,000
tons

rHDPE
84,000
tons



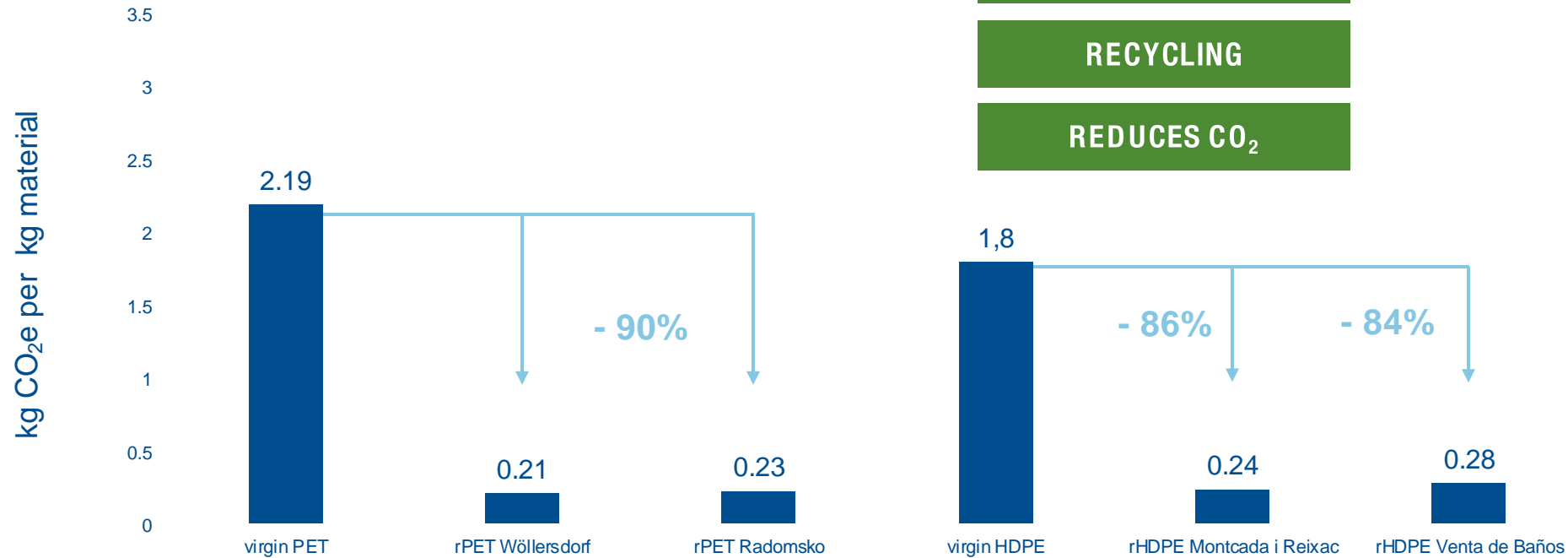
ALPLA's total post-consumer recycling (PCR) share to increase to 25% in 2025

ALPLA's PCR share (%) of total volume (t) procured per year



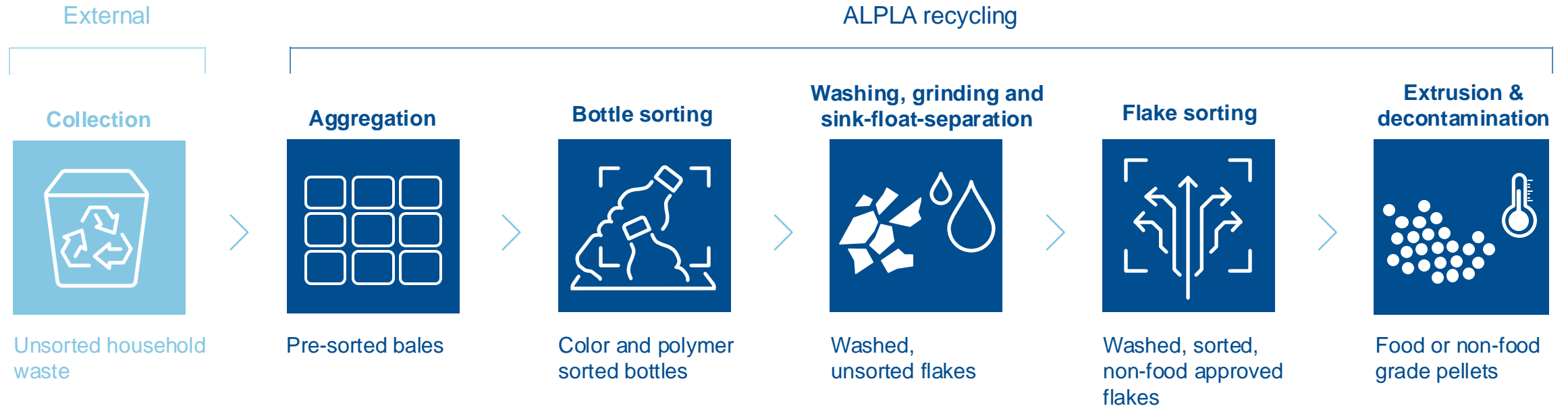
Carbon footprint

How much CO₂ (e)quivalent is created



Source:
The CO₂ value for virgin PET/ recycled PET is based on information by Ecoinvent 3.8/C7 Consult.
The CO₂ value for virgin HDPE/ recycled HDPE is based on information by Ecoinvent 3.8/C7 Consult.
Process energy demand includes separate collection, sorting, transport to be recycled, cleaning, preparation and granulation. Feedstock energy is not included.

Recycling at ALPLA covers the following process steps



A few Pictures throughout the Journey

Groundbreaking 18.8.2023



Piling completed 26.10.2023



Columns casted 23.11.2023



Status end of December before builders break



World Environmental Day 5.6.2024



Status end of May



Building closed 18.4.2024 Roof Structure completed 08.03.2024



Actual picture from the site



OUR IDENTITY

ALPLA[®]
FAMILY OF PIONEERS

OUR PURPOSE – WHY WE EXIST



PROVIDING SOLUTIONS FOR SAFE, AFFORDABLE AND SUSTAINABLE LIVING WORLDWIDE.

OUR PERSONALITY – WHO WE ARE



WE VALUE OUR PEOPLE.



WE ENABLE CUSTOMER SUCCESS.



WE ARE ENTREPRENEURS.



WE CARE ABOUT THE PLANET.



WE ARE ONE GLOBAL FAMILY OF PIONEERS.

OUR PROMISE – HOW WE ACT



WE CREATE TRUST.



WE BUILD ON RESPECT.



WE DEVELOP POTENTIAL.



WE ENSURE EXCELLENT RESULTS.

OUR PRINCIPLES – WHAT WE DO



BE RELIABLE.



SOLVE PROBLEMS.



MAKE DECISIONS.



COMMUNICATE EFFECTIVELY.

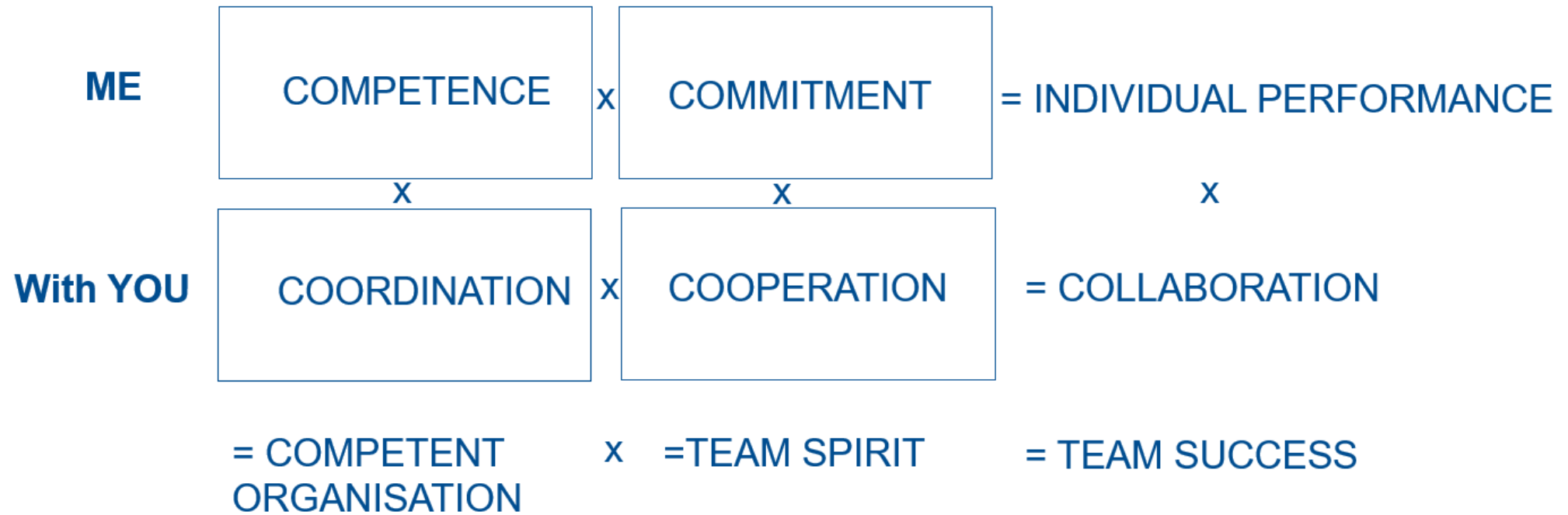
RSS and ALPLA's strategic collaboration for a bottle to bottle PET Recycling



Success as a Team

The success of a high performance Team depends on:

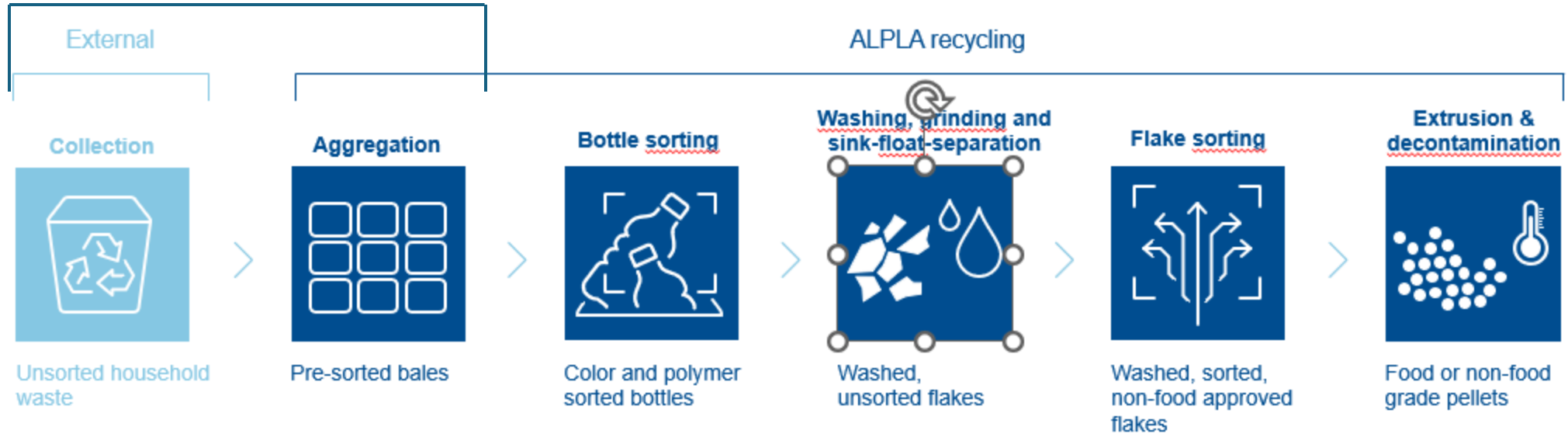
- ME and YOU
- Our BRAIN and our HEART
- = **C4** BRAIN HEART



COMPETENCE



RE-PURPOSE





COORDINATION

COORDINATION

Who does
what?

What do we
want to achieve?

➔ RESPONSIBILITIES closely linked to COMPETENCE

➔ TARGETS closely linked to the STRATEGY of the 2 companies



COOPERATION (versus COMPETITION)

COOPERATION

Values
(Respect)

Feedback

➔ VALUES (ALPLA Identity & See about RE-PURPOSE)

➔ FEEDBACK (open, transparent, critical without being confrontational)



KEY SUCCESS FACTORS FOR COLLABORATION

- NATURAL ALIGNMENT OF VALUES
- STRATEGIES OF COMPANIES COMPLEMENT EACH OTHER
- COOPERATION OVER COMPETITION
- LONG TERM THINKING

Q&A



→ What do you want to know?



Thank you
