

STELLANTIS



# CIRCULAR ECONOMY & REINVENTION NEVERS CIRCULAR ELECTRONICS LAB A STELLANTIS X VALEO SUCCESS STORY

*Teamwork for the agile launch of the world's first remanufactured front camera!*

APRIL 24<sup>TH</sup> 2024

# Agenda

3"

7"

10"

10"

1

## VALEO

In a few words

2

## 4R

Deploying Circular Economy in Valeo and beyond!



3

## Our Success Story

Circular economy is about teamwork!



4

## Q&A





# VALEO

In a few word





100 YEARS

A CENTURY OF INNOVATION  
**TO BUILD CLEANER, SAFER AND SMARTER MOBILITY**







# CORPORATE STRATEGIC PLAN WITH SUSTAINABLE VALUE CREATION AT THE CORE

## DECARBONISATION

CARBON NEUTRALITY

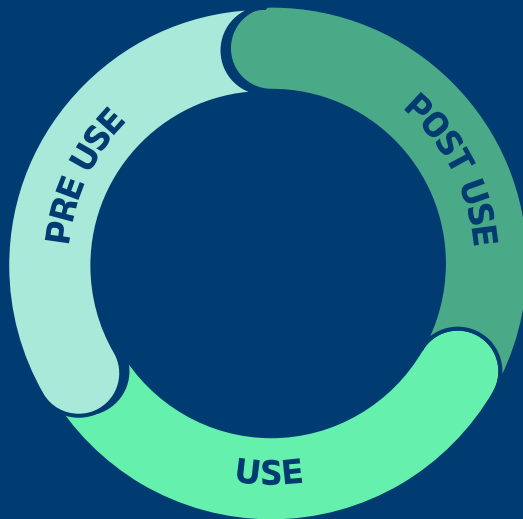
# 2050 CAP 50

-45%  
2030

## CIRCULAR ECONOMY

# x2

REMAN & REPAIR  
VOLUME BY 2030



## SUSTAINABILITY IS IN OUR DNA

An ESG leader recognized by rating agencies

#1  
S&P Global  
68/100

#2  
SUSTAINALYTICS  
10.1\*  
low-risk

#1  
ISS ESG  
B- Prime

#1  
CDP  
Climate Change  
Climate Water

#1  
MSCI  
ESG RATINGS  
AAA

Top3  
Moody's  
63/100

Valeo is included in major ESG indices

EURONEXT  
CAC40 ESG  
CAC40 SBT 1.5°

STOXX  
Global ESG  
Leaders



MSCI  
ESG Leaders

# Auto Parts excl. Tires sector ranking \*Lower is better





**CLIMATE  
CHANGE**



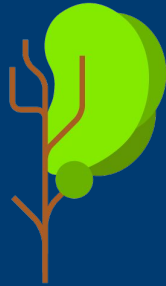
**SCARCITY OF  
RESOURCES**



# WE ARE ACTING!

We're facing  
**2 MAJOR SUSTAINABILITY CHALLENGES!**

At Valeo, we must act through 2 programs hand in hand:  
**CAP 50** to tackle the challenge of climate change while  
**4Rs** is to tackle the challenge of resources scarcity



**CLIMATE  
CHANGE**



**DECARBONIZATION  
CAP 50**



**SCARCITY OF  
RESOURCES**



**CIRCULAR ECONOMY  
4R**





# 4R

Deploying Circular Economy in Valeo and beyond!





# ELECTRIFICATION



# CIRCULAR ECONOMY

# BECAUSE **DECARBONISATION** MUST GO HAND IN HAND WITH **CIRCULAR ECONOMY**...



“ Deploying circular economy at Valeo is one of the key levers to reduce our resources consumptions.

**We go for it.**

”

Christophe PERILLAT  
CEO



# WHAT IS 4R?

## ROBUST DESIGN

MAXIMIZE PRODUCT LIFESPAN



CIRCULAR ECONOMY  
**VALEO**  
4Rs

## RECYCLE(D)

AS LAST RESORT, GENERATION GO BACK TO RAW MATERIALS TO REUSE IN NEW PRODUCTS



**REPAIR**  
GIVE SECOND CHANCE TO DYSFUNCTIONAL PRODUCTS

## REMANUFACTURING

REUSE END OF LIFE PRODUCTS TO REBUILD THEM AS NEW

OPTIMIZE THE **MATERIALS USE**

REDUCE **WATER** CONSUMPTION

REDUCE **WASTE** GENERATION

**...FOR THE SOCIETY AND THE PLANET!**



# OUR 4R MISSION STATEMENT



EXTEND THE LIFE TIME OF THE FINAL ASSEMBLED PRODUCT AS LONG AS POSSIBLE TO KEEP ITS VALUE THE LONGEST

At Valeo we deploy 4R through



**BUSINESS**  
WITH CIRCULAR  
AFTERMARKET



**CONCEPTION**  
WITH DESIGN  
FOR ENVIRONMENT



**OPERATIONS**  
WITH THE RIGHT  
ECOSYSTEM



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ROBUST  
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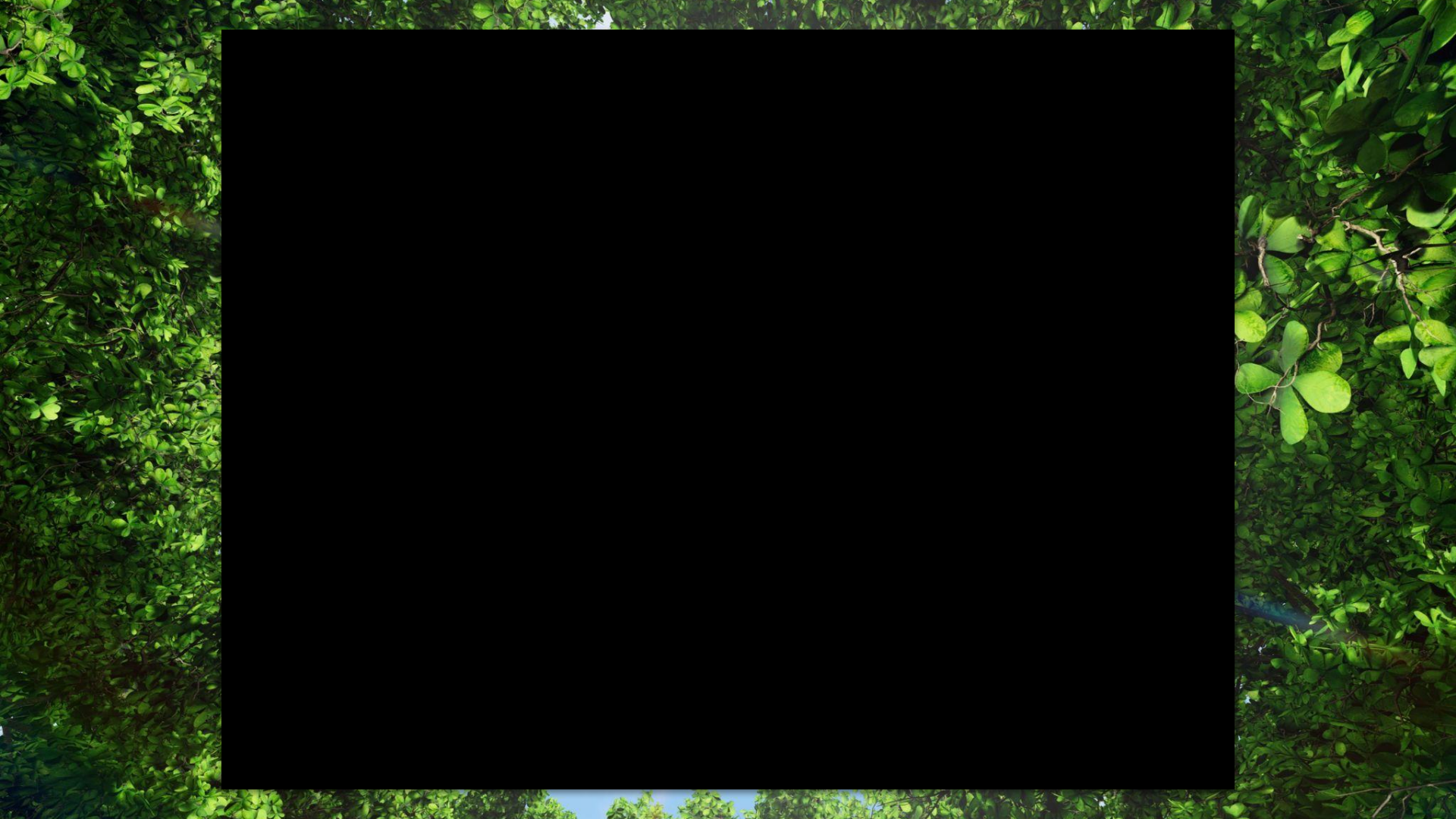
AS LAST RESORT,  
RECYCLE



# OUR SUCCESS STORY

Circular economy is about teamwork!





STELLANTIS



Valeo



Valeo

# VIDEO CAMERA

# CIRCULAR ELECTRONICS LAB



**40 YEARS**

OF EXPERIENCE IN  
REMANUFACTURING

**1 MILLION**

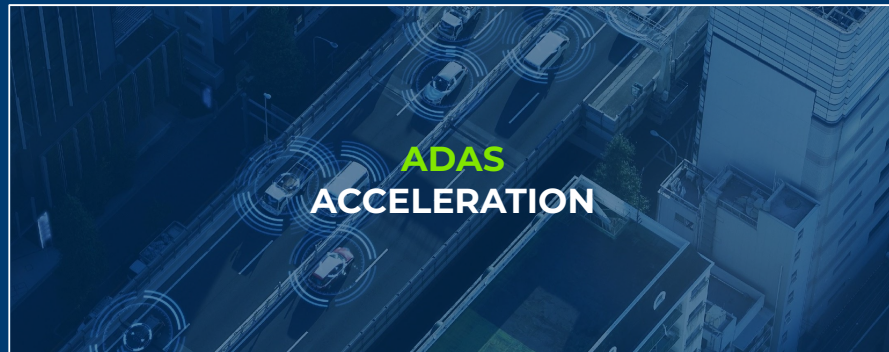
PARTS REMANUFACTURED  
BY VALEO PER YEAR  
↗ TODAY



**2 MILLION**

VALEO'S GOAL IS TO  
**DOUBLE THE PRODUCTION OF  
REMANUFACTURED PARTS**  
↗ BY 2030

# THE CAR PARK IS TRANSFORMING!

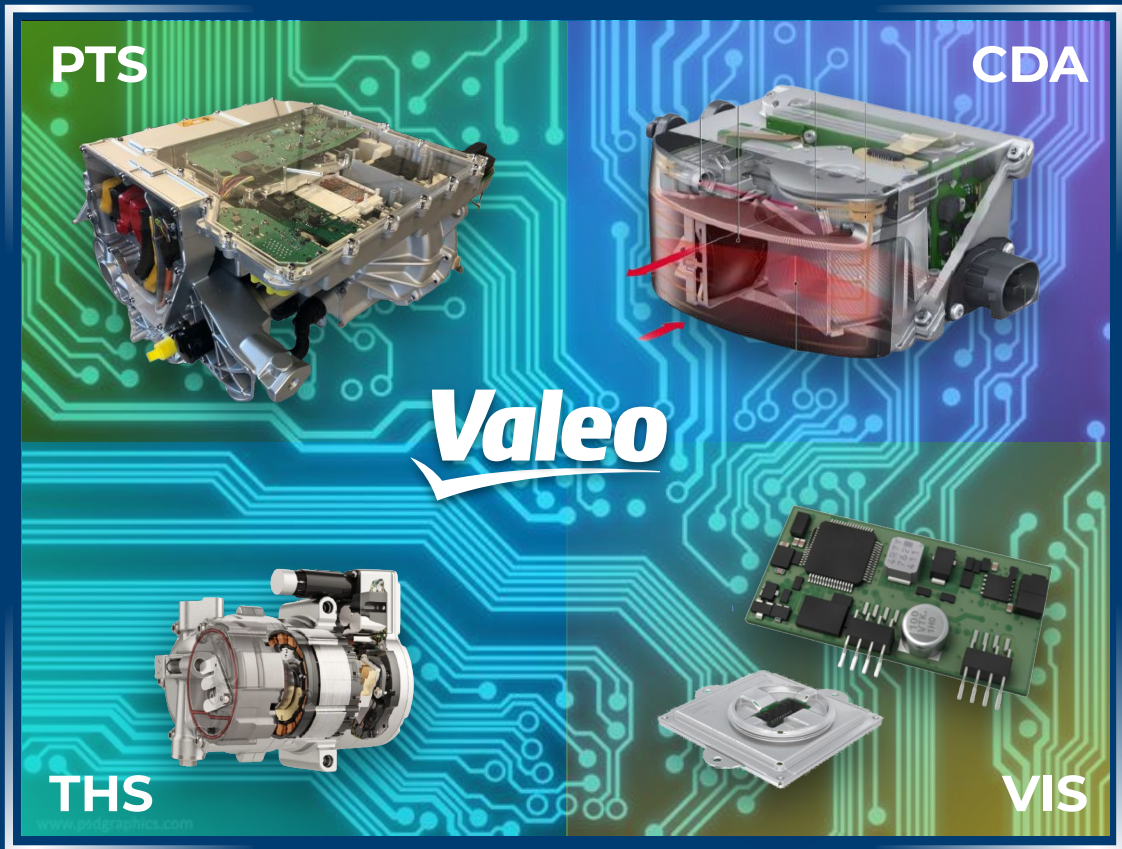


# ELECTRONICS NEEDS TO BE CIRCULAR!





# ELECTRONICS TRANSVERSAL EXPERTISE



GROWING SALES  
WITH ELECTRONICS  
CONTENT

~€12bn  
2022 SALES

TOP 5  
AUTO ELECTRONIC BUYER





# WHY NEVERS? IT HAS ALWAYS BEEN ABOUT REINVENTION

NEVERS STARTED WITH  
MECHANICAL KEY



TODAY IS ABOUT  
ELECTRONIZED KEY



TOMORROW IS ABOUT  
REUSING OUR EXPERTISE  
FOR THE PLANET





# A REINVENTION RAMPING UP

**25%**

**HEADCOUNT**

ALREADY WORKING IN  
CIRCULAR ECONOMY IN 2023

**WITH A RESKILLING PROGRAM LAUNCHED!**

# A REINVENTION STARTS WITH OUR EMPLOYEES



**Kévin BOISSIE**  
Repair Senior Expert



**Cyprien MARCHESNAY**  
Repair Technician



**Pierre MAUBLANC**  
Repair Leader



L'**électronique circulaire** est l'avenir de notre entreprise. Nous avons besoin que **chacun d'entre nous** fasse un pas vers cette transition. **Notre avenir se construit ensemble.**





# A REINVENTION STARTS WITH OUR EMPLOYEES



**Virginie GUCCIARDI**  
Operator



**Cyrille PERCIE DU SERT**  
Nevers Activity Manager

“

En prenant part à l'**économie circulaire**, nous préservons notre **planète** mais aussi notre site de Nevers garantissant ainsi la pérennité de nos **emplois**.

”

# A **SUCCESSFUL REINVENTION** THANKS TO OUR **CLIENTS TRUST!**



# WE LAUNCH THE **FIRST REMAN FRONT CAMERA** IN THE **WORLD**





# 3 KEY BENEFITS OF REMAN FRONT CAM



WE EXTEND THE LIFE TIME OF THE FINAL ASSEMBLED PRODUCT AS LONG AS POSSIBLE TO KEEP ITS VALUE THE LONGEST

## REMAN FRONT CAM



**AS GOOD AS NEW**

2 YEARS WARRANTY



**GOOD FOR END USER BUDGET**

FROM -20% UP TO -30% vs NEW



**GOOD FOR PLANET**

99% MATERIAL REUSE

# A COLLABORATION TO GO FASTER TOGETHER



**DIAGNOSIS**  
To cover agreed Pareto for a standardized process, leveraging internal know-how

**99%  
MATERIAL  
REUSE**



**REASSEMBLY**

**2Y  
WARRANTY**



**PACKAGING &  
SHIPPING**

1



**REVERSE LOGISTICS  
&  
CORE COLLECTION**

2



**REPAIR**  
By  
certified & trained  
Valeo operators

4



**FUNCTIONAL  
TESTING**

100% of products  
tested at end of line

6



STELLANTIS









# Q&A