



ncc

AUTOMOTIVE CELLS Co

**Accelerating
sustainable mobility
for all**

Forum franco-allemand de l'énergie – 3 Novembre 2020



AUTOMOTIVE CELLS Co

ONE AMBITION

To be the european leader
of automotive battery cells & modules
enabling clean and efficient mobility for all

Four commitments



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1

To be competitive

2

With the best-in-class technologies

3

Fully developed and manufactured in Europe

4

Truly eco-social friendly

Our shareholders



Saft

Specializes in advanced technology battery solutions for industry, from design and development to production, customization and service provision.

Total is a major energy player that produces and markets fuels, natural gas and low-carbon electricity.



PSA

French multinational manufacturer of automobiles and motorcycles sold under the Peugeot, Citroën, DS, Opel and Vauxhall brands.



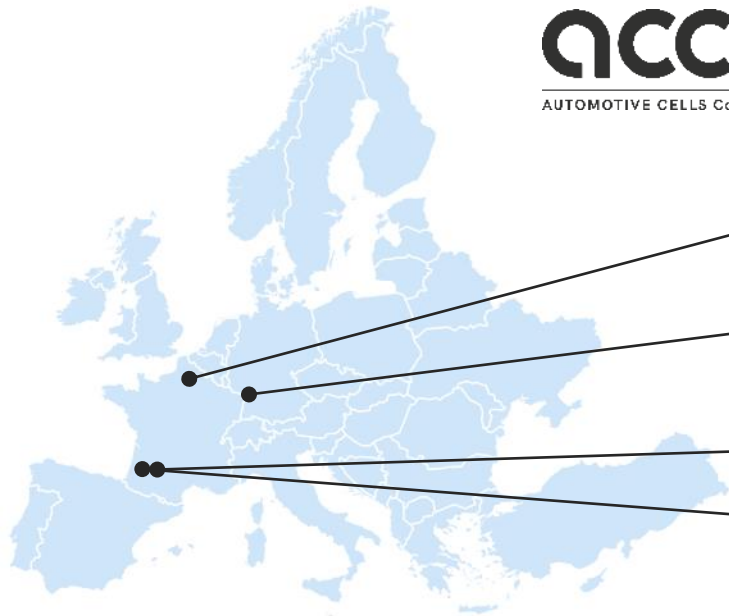
Opel

German automobile manufacturer, a subsidiary of French automaker Groupe PSA since August 2017.

Footprint and ecosystem

Cells/modules 100% designed and produced in the EU

With the objective of 70+% sub-components produced in the EU



ECO-SYSTEM OF PARTNERS — EUROPE, AMERICA, ASIA

with the support of ACC's shareholders:

20+ universities/labs

15+ industrial companies

ACC GIGAFACTORY 1

Start of operations in 2023

Capacity \approx 24-32GWh

ACC GIGAFACTORY 2

Start of operations in 2025

Capacity \approx 24-32GWh

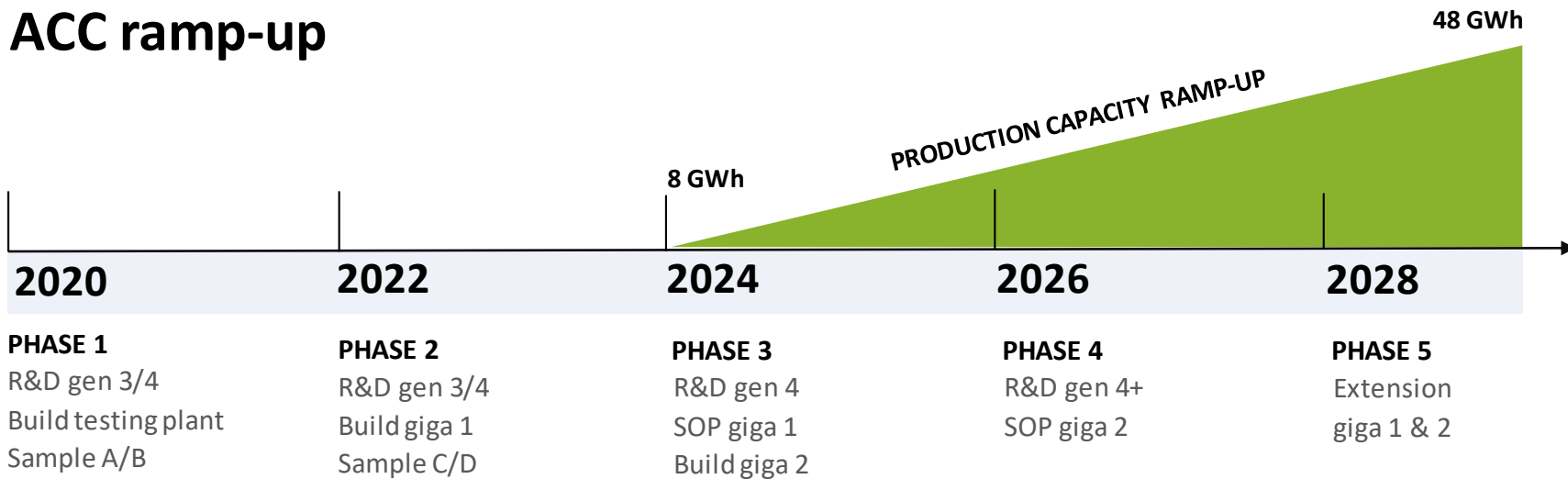
ACC TESTING PLANT

Start of operations in 2021

ACC R&D CENTER

Start of operations in 2020

ACC ramp-up



Our 4 levers to be eco-social friendly



THE GLOBAL GOALS
For Sustainable Development



LOW CO₂ FOOTPRINT

(from raw material to cell/module production)



SUPPLY CHAIN ETHICS & SUSTAINABILITY



DESIGN FOR RECYCLING



GREEN FACTORIES

Our 4 levers to be eco-social friendly in operation



CO2 FOOTPRINT

**<60kg CO2eq/kWh (*)
from raw material to
module production**

Further reduction
planned through Gen 4
(Solid State)

(*) 25%~35% less than
current average asian module
- without using compensation
certificates



SUPPLY CHAIN

**Full traceability of
minerals with :**

- No Cobalt from artisanal mines of RDC
- No Nickel from mines with deep sea tailing
- No Li from mines creating residual hydraulic stress
- No conflict minerals



DESIGN FOR RECYCLING

**Easy to dismantle
and repair**

Closed loop in Europe:
partnership with a
European industrial
recycler
>95% of Li, Co, Ni, Cu
recyclable
Packaging fully recyclable

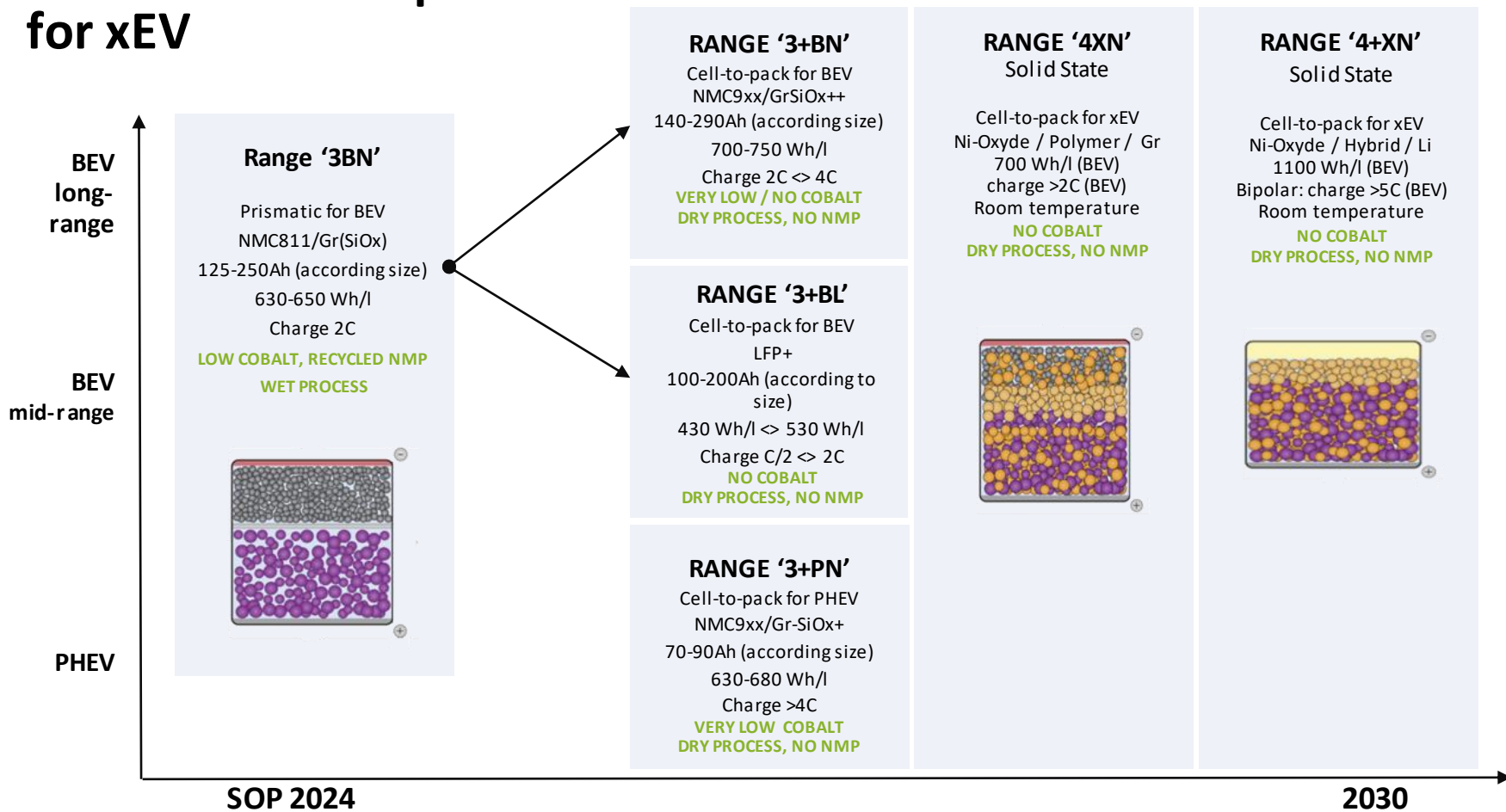


GREEN FACTORIES

**Certification ISO 14001
Certification ISO 50001**

- Self production of renewable energy for auto-consumption
- Fully leveraged big data analysis of our energy management system

ACC Cell Roadmaps for xEV





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Thank you !

