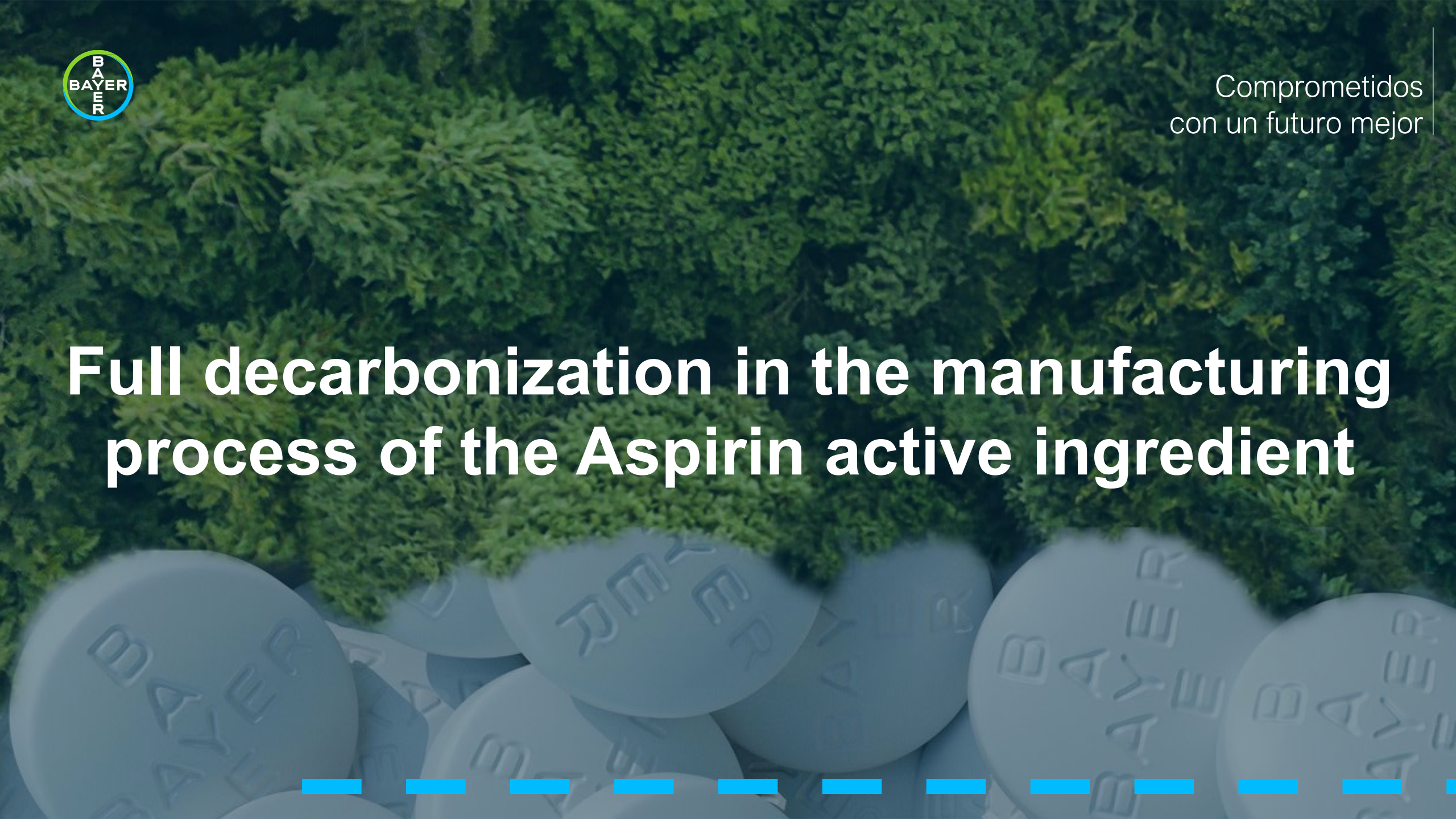
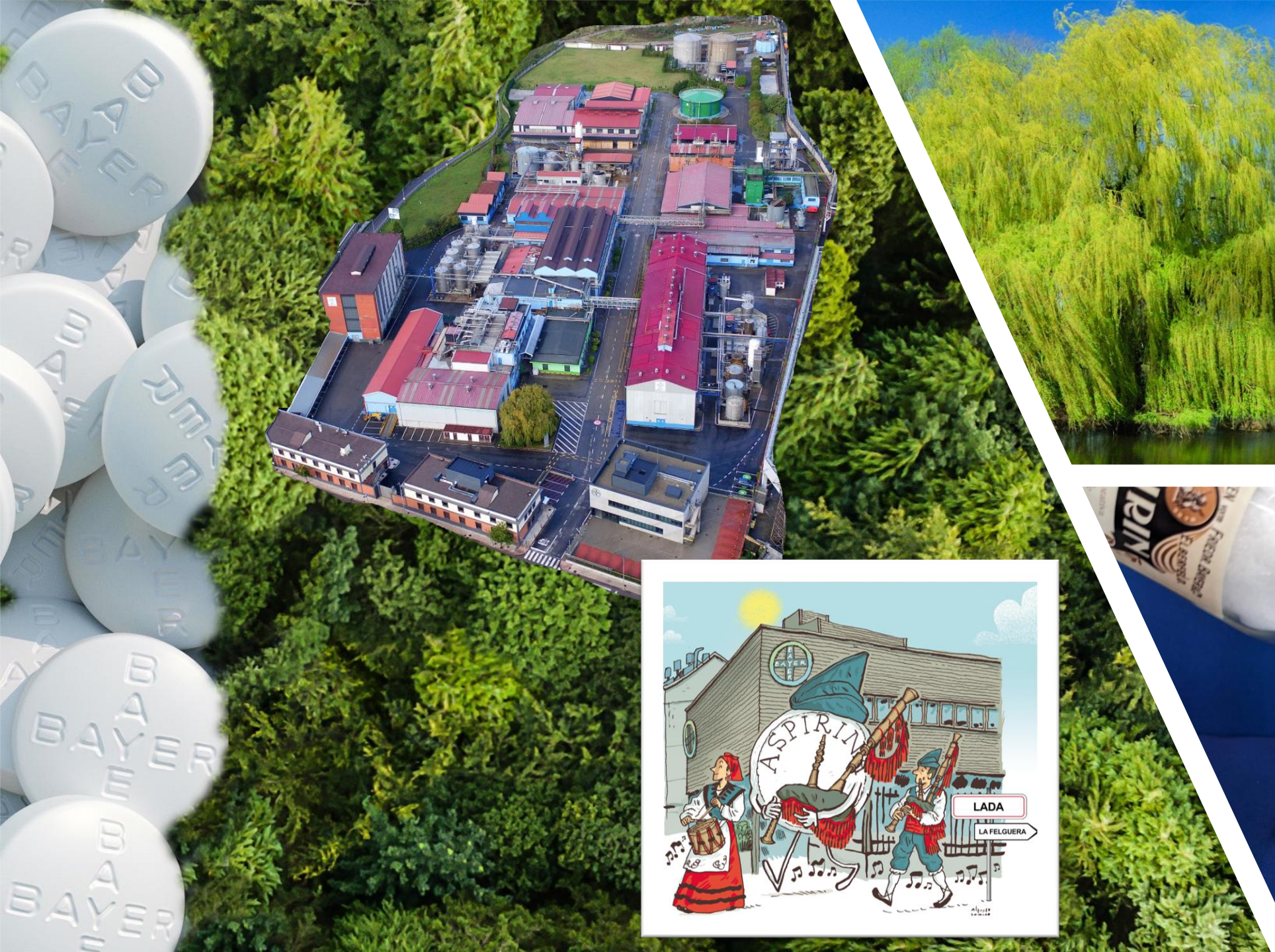
Comprometidos
con un futuro mejor

Full decarbonization in the manufacturing process of the Aspirin active ingredient




BAYER

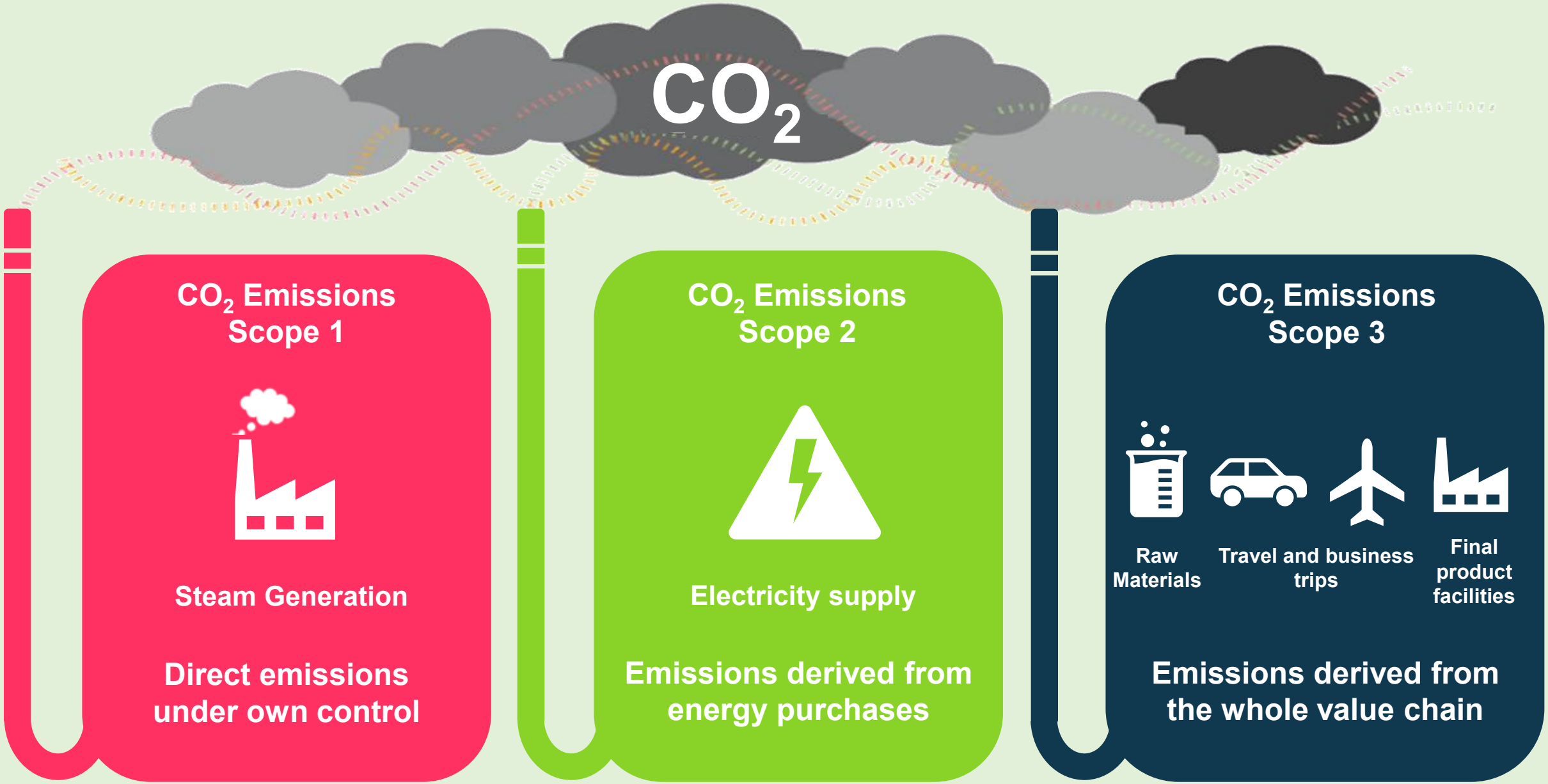


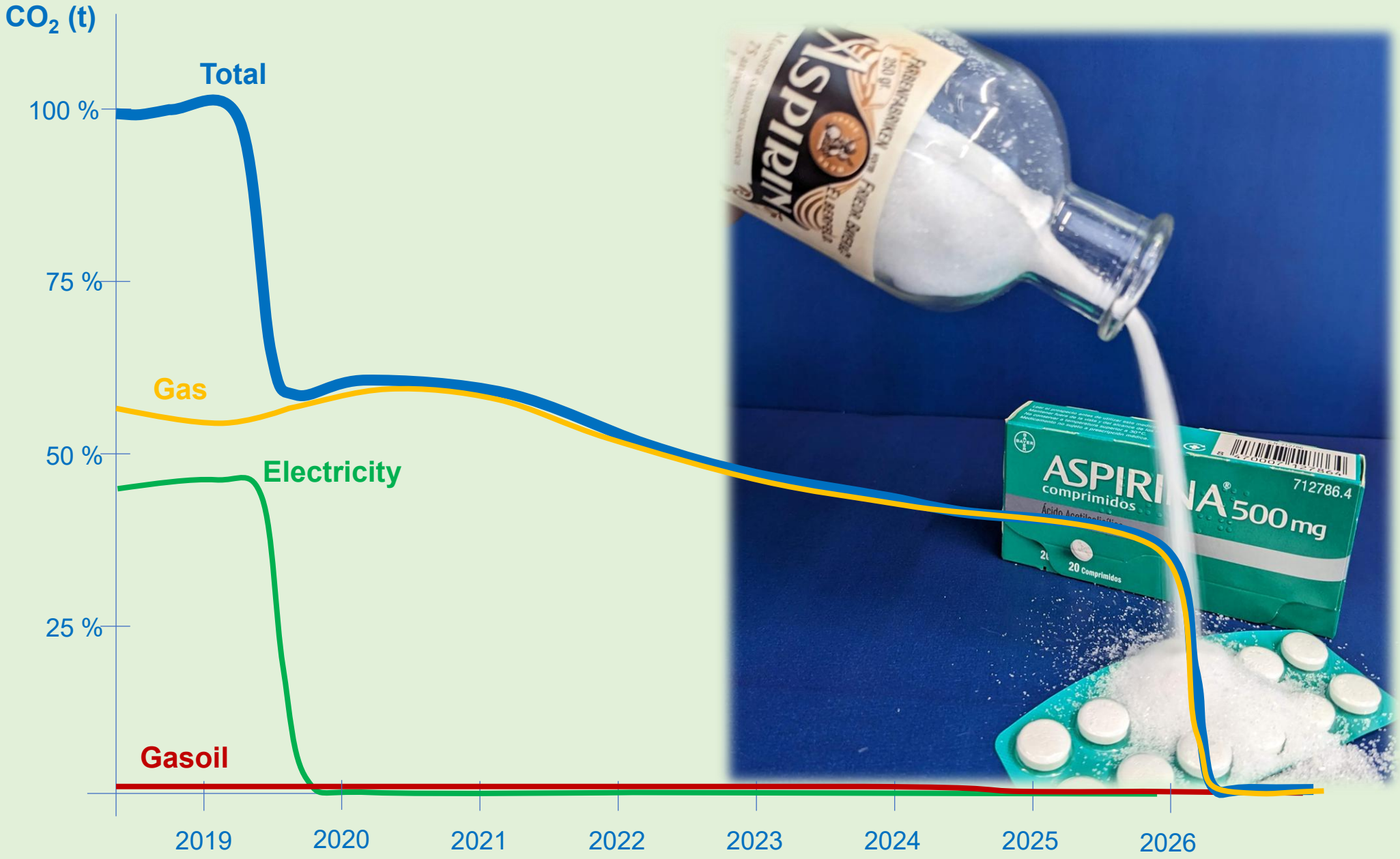
ASPIRIN
LADA
LA FELGUERA


ASPIRINA
comprimidos
Ácido Acetilsalicílico
500 mg
712786.4
20 Comprimidos

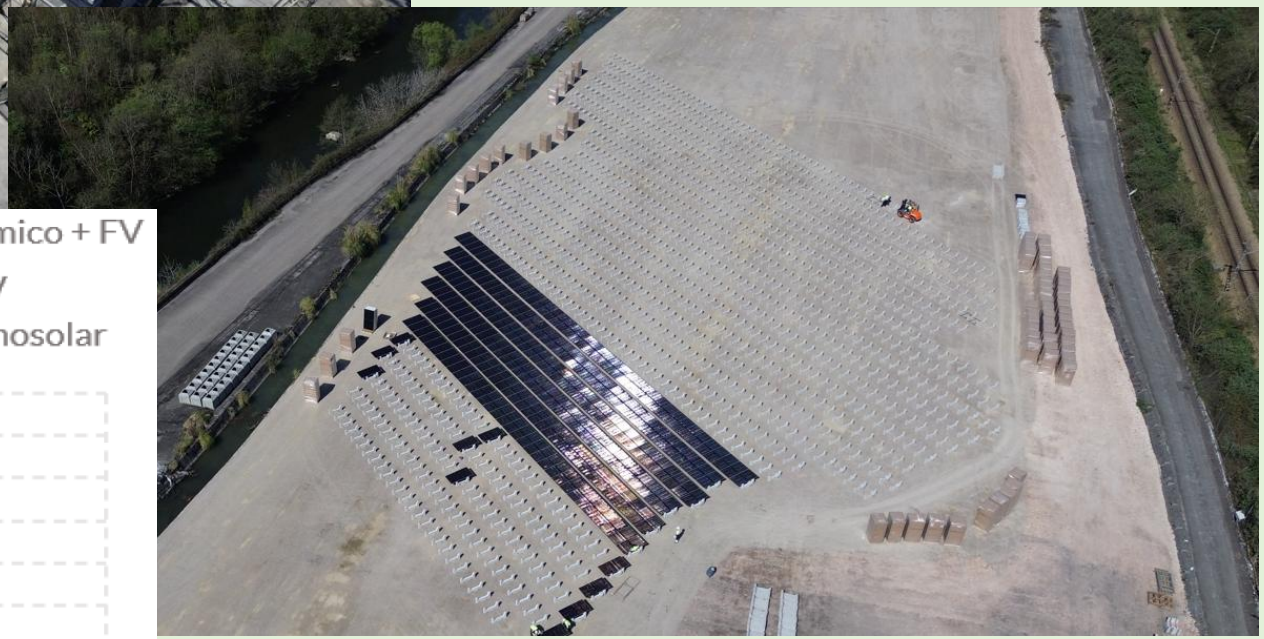
125 años

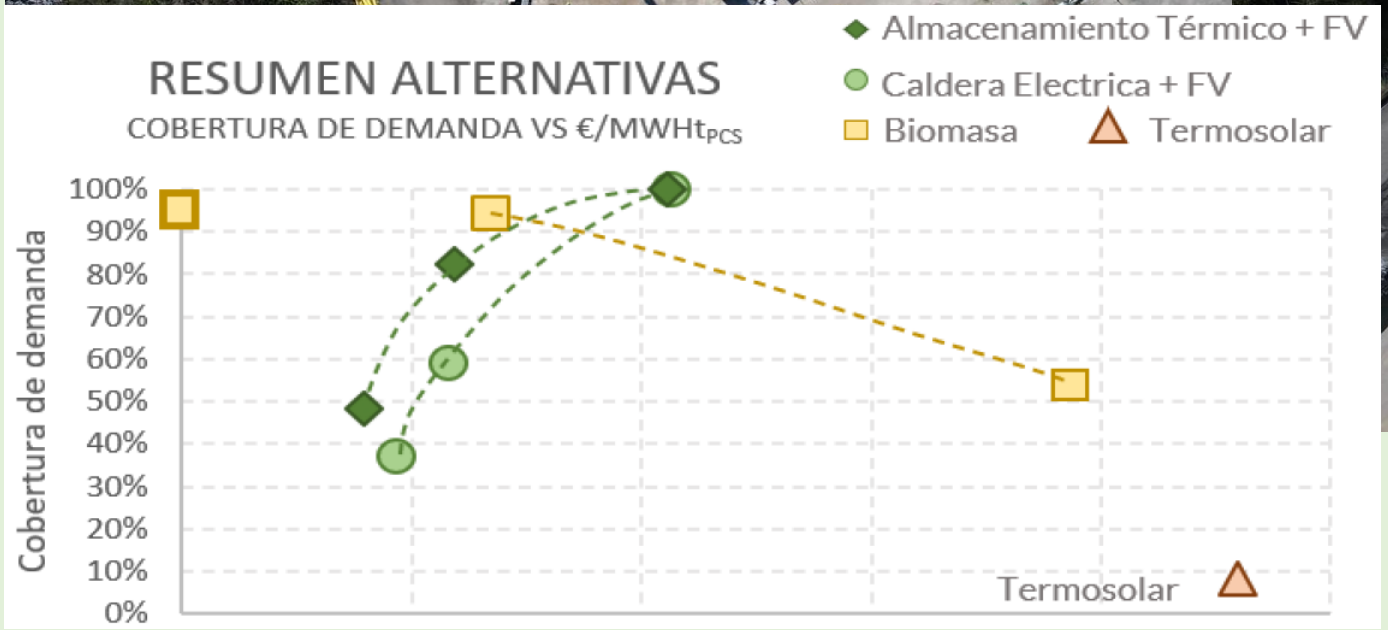

BAYER
BAYER
ASPIRINA

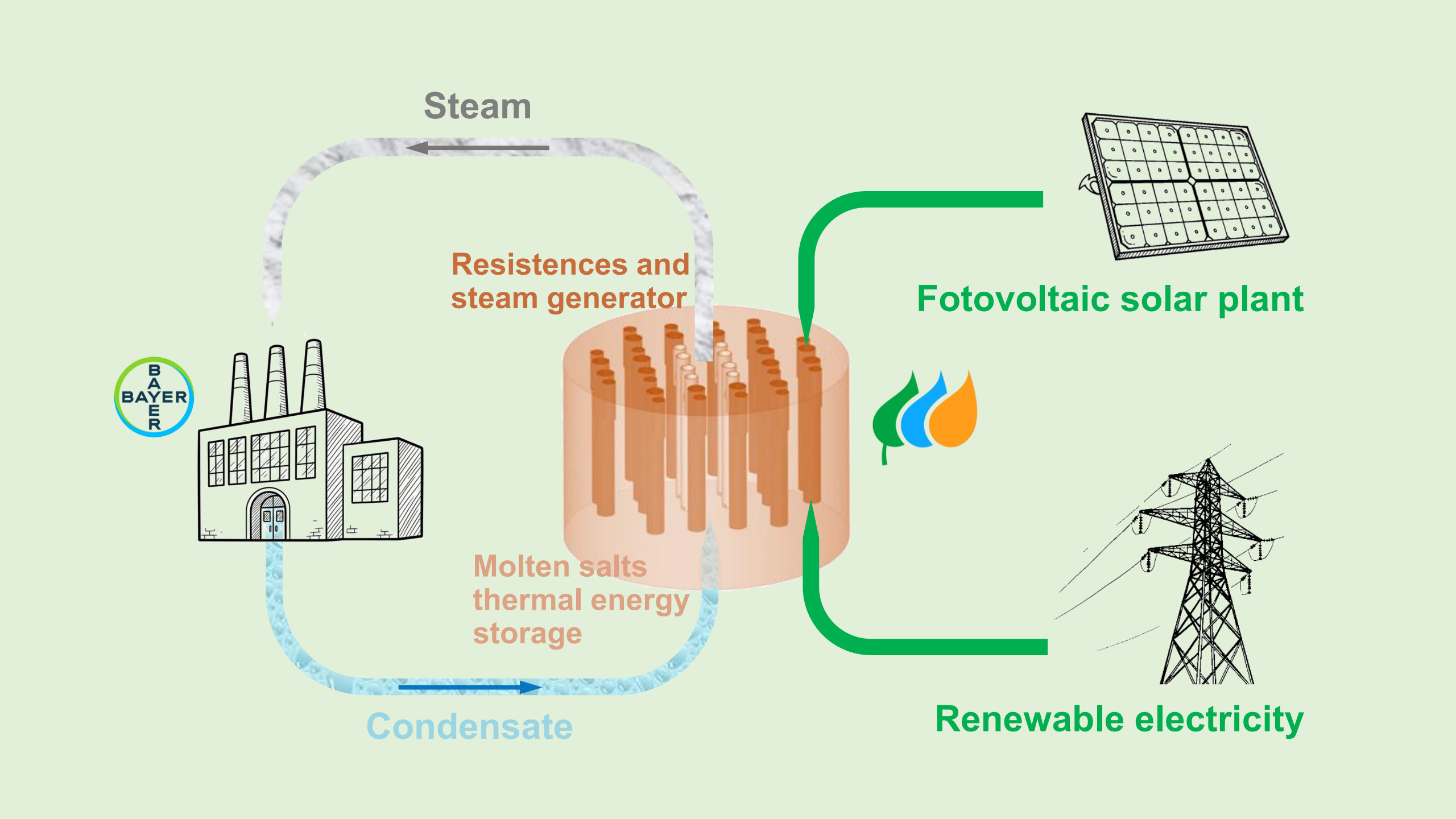

CO_2
CO_2 Emissions Scope 1
Steam Generation
Direct emissions under own control
CO_2 Emissions Scope 2
Electricity supply
Emissions derived from energy purchases
CO_2 Emissions Scope 3
Raw Materials
Travel and business trips
Final product facilities
Emissions derived from the whole value chain


CO_2 (t)
Total
100 %
75 %
Gas
50 %
Electricity
25 %
Gasoil
2019
2020
2021
2022
2023
2024
2025
2026
ASPIRINA
comprimidos
500 mg
712786.4
20 Comprimidos






RESUMEN ALTERNATIVAS
COBERTURA DE DEMANDA VS €/MWHtPCS
Almacenamiento Térmico + FV
Caldera Electrica + FV
Biomasa
Termosolar
Cobertura de demanda
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Termosolar


Steam
Resistences and steam generator
Fotovoltaic solar plant
Molten salts thermal energy storage
Condensate
Renewable electricity

Green Steam at La Felguera, the heart of the Aspirin

From Natural Gas



6,000 t CO_2 per year

To Green Energy



Molten salts thermal energy storage system

ZERO EMISSIONS

RENEWABLE ENERGY

COST STABILITY

FROM	TO
Fuel Cost Changes	Stable Energy Pricing
Geopolitical Conflicts	Geopolitical Flexibility
CO_2 Emissions Cost	Competitive Advantage

ASPIRIN, now greener than ever.



Comprometidos
con un futuro mejor

GRACIAS

