

# NAATBATT

February 2022





# En' Safe<sup>®</sup>, a wide range of primed Al/Cu foils developed by ARMOR Battery Films

En' Safe<sup>®</sup> is an Aluminum or Copper foil coated with an ultra-thin (less than 1µm) conductive and protective primer, designed to improve the interface between the Anode/Cathode and the foil



Adhesion



Cycle-life



Power



Corrosion



Cost



Energy



# 2022, ARMOR Group's centennial

From carbon paper to **primed current collectors** for batteries through **thermal transfer ribbons**...

Mid-size **industrial** company

370 M€ turnover - 80% from export



12 manufacturing sites (Europe, Asia, North and South America, South Africa)

150 M€ investment over the period 2020 - 2024

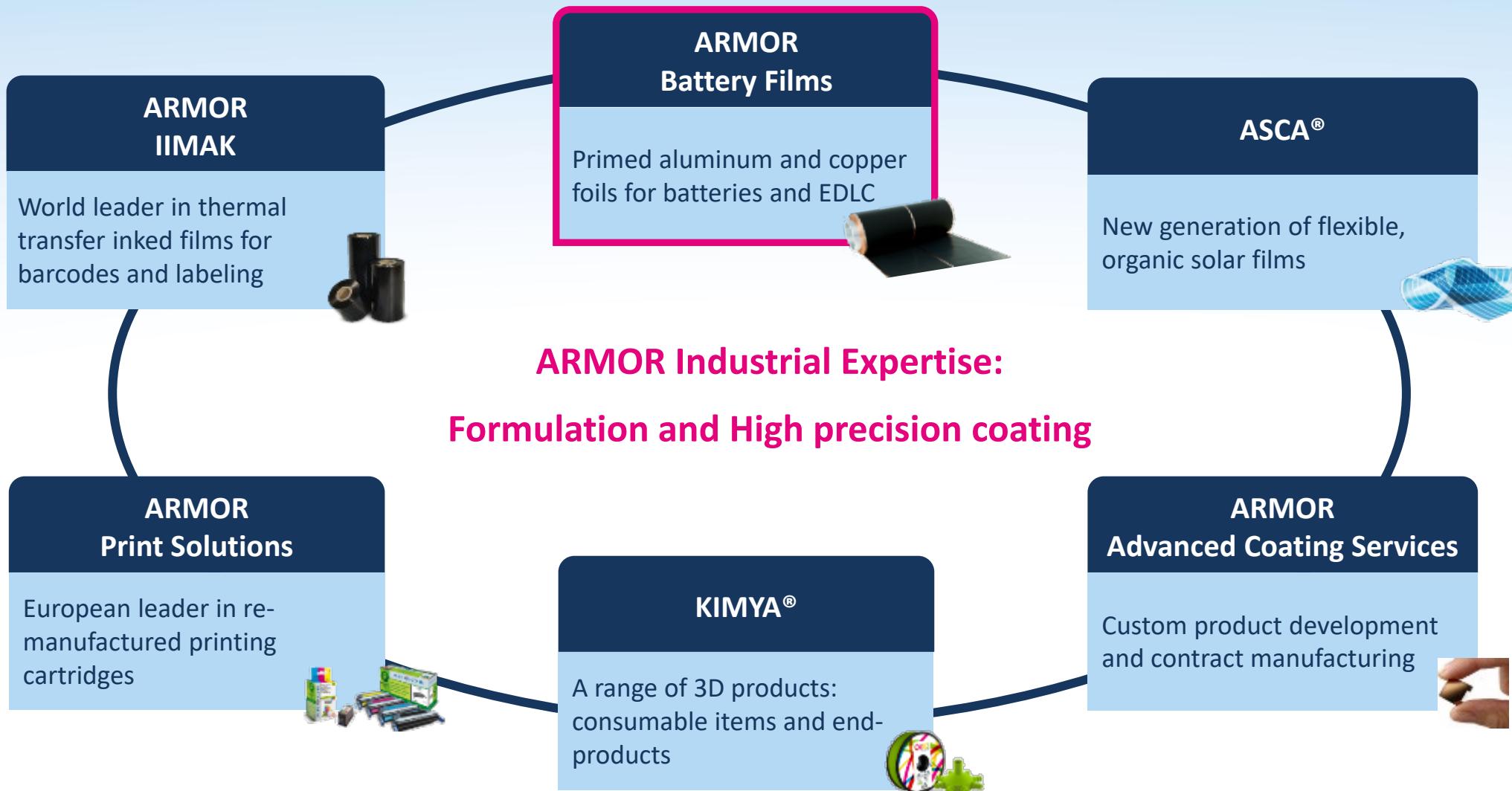
2500 employees



# ARMOR Group reinforce world leader position in thermal transfer through the acquisition of IIMAK (Buffalo, NY)

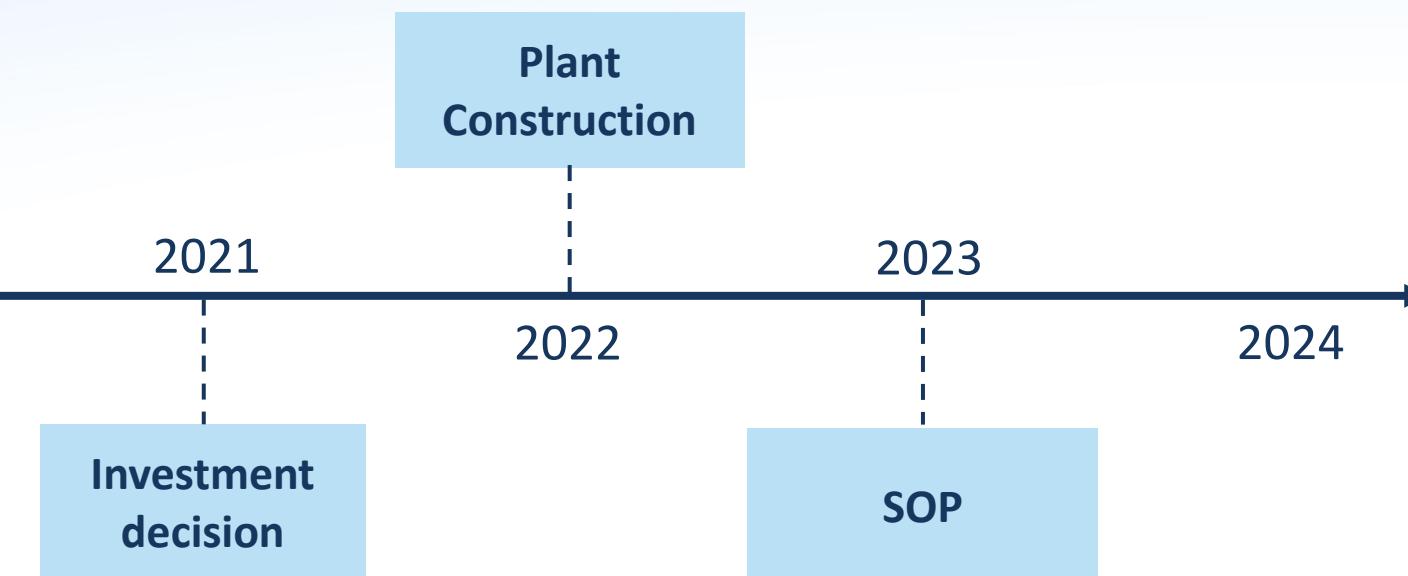


# Jan. 2022, ARMOR Battery Films becomes a subsidiary of ARMOR Group



# A new green field facility dedicated to ARMOR Battery Films

ARMOR Battery Films production capacity: **30 Mm<sup>2</sup>/year**. It will increase to **150 Mm<sup>2</sup> in 2023**



# We keep enriching our product portfolio of primed Al/Cu foils

We have solutions for :

- Dry process => Stronger adhesion
- Nickel-rich NMC => Higher cell capacity
- Silicon-based anode => Stronger cohesion
- Lithium-Sulfur => Higher performance

Come and see us! ☺





## Comments / Questions?

 [ensafe@armor-group.com](mailto:ensafe@armor-group.com) - +1 859-334-8858

ARMOR Battery Films – 2900 Earhart Ct # 220, Hebron, KY 41048, USA