PROPRIETARY TECHNOLOGY DEVELOPMENT DIVISION

ASAMBLEA GENERAL SUSCH

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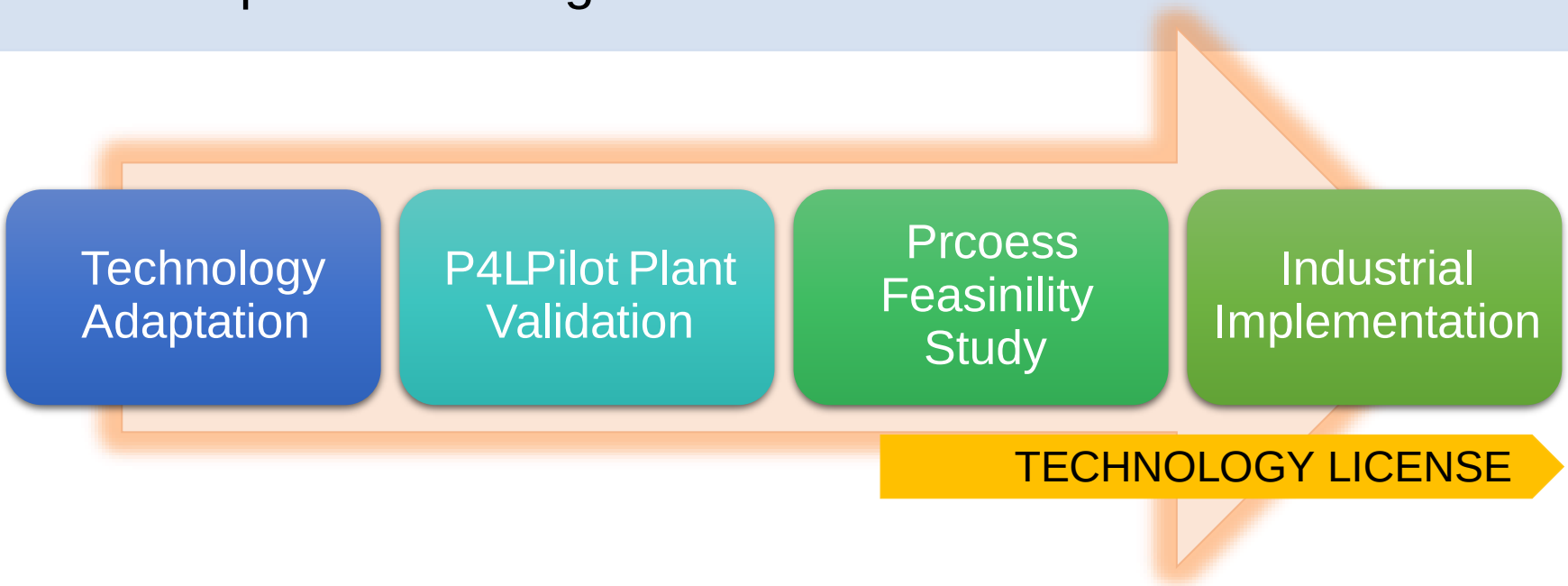
PHOS4LIFE BUSINESS MODEL

TR's business model is based on licensing Phos4Life technology and providing all the necessary engineering services for its industrial implementation:

- Engineering, procurement and construction
- Technology Package
- Process and performance guarantee



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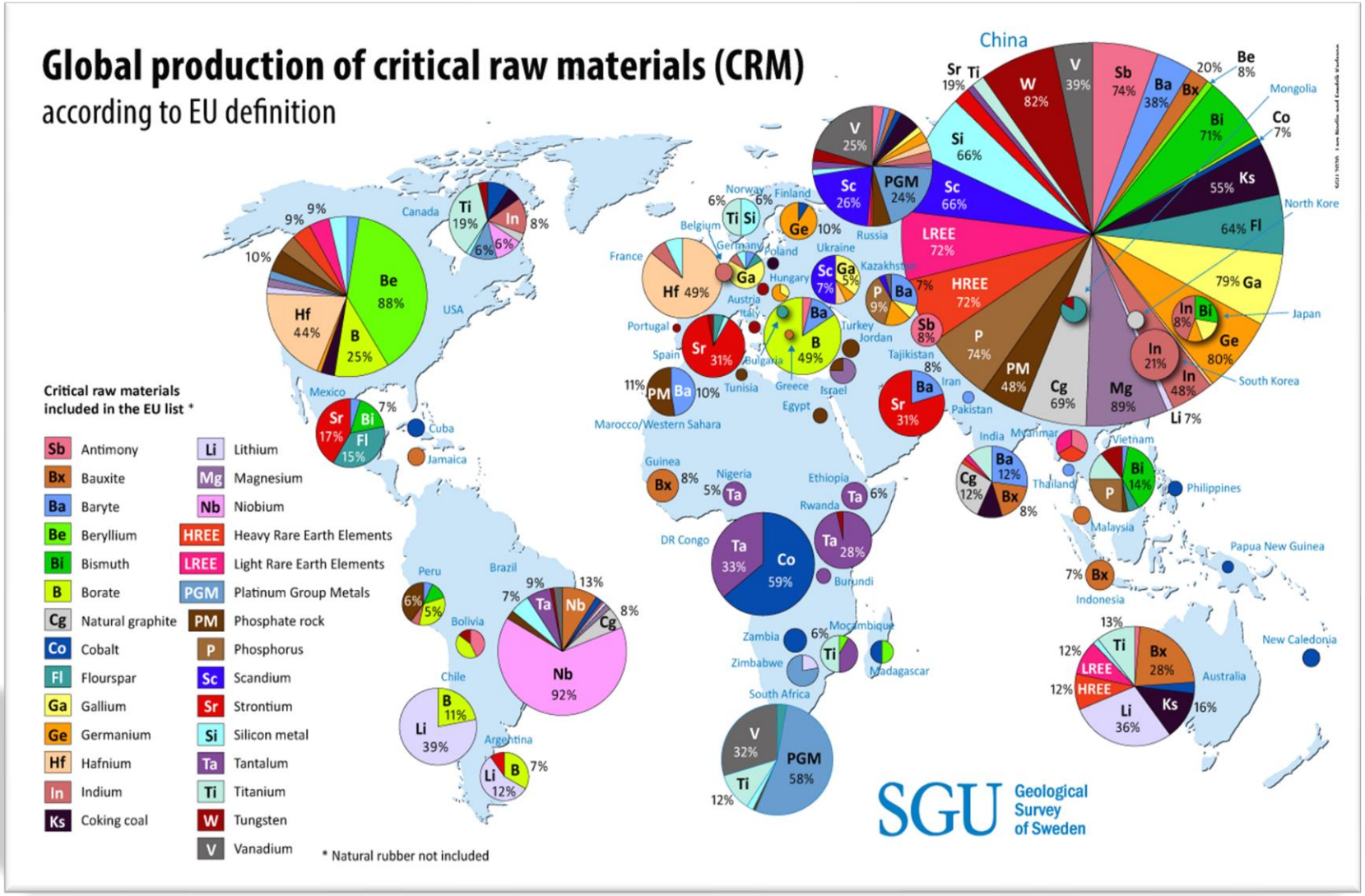
RECYCLION



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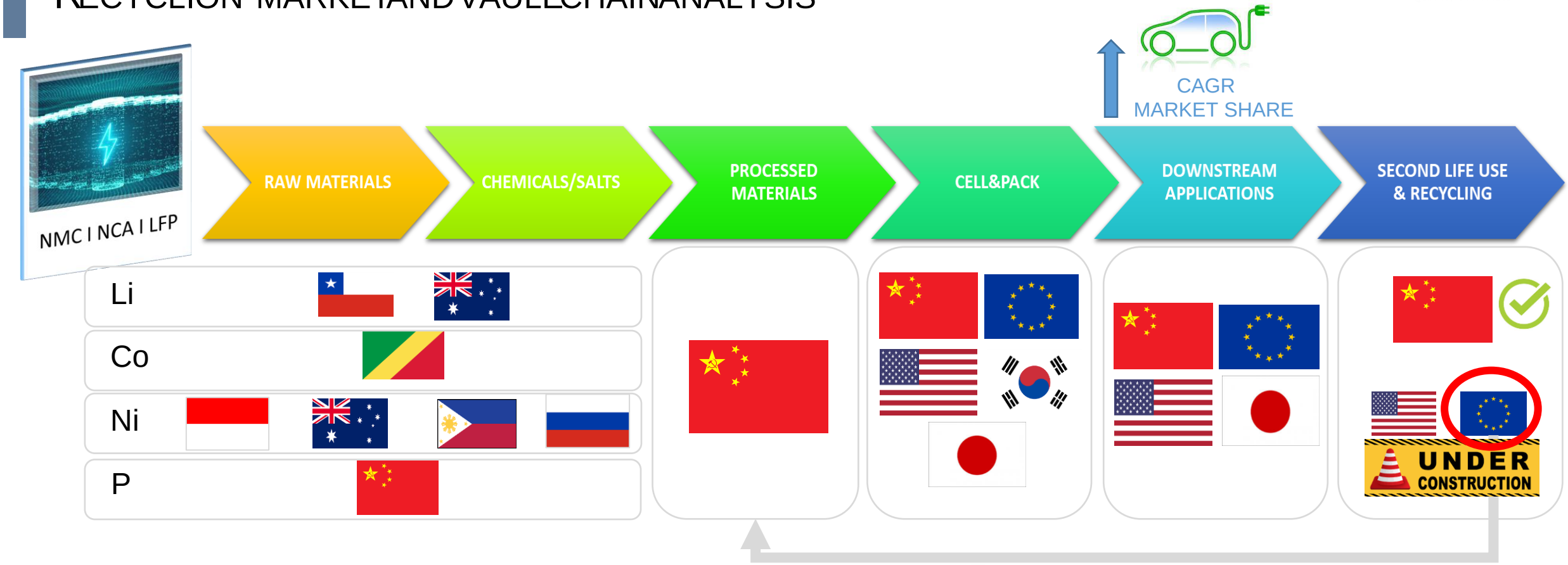
RECYCLION MARKET AND VALUE CHAIN ANALYSIS



recyclion

- *EU SUPPLLY CHAIN TO CONTROL RAW MATERIAL STOCK & PRICES*
- *ESTABLISH AS LEADER IN EV MARKET*

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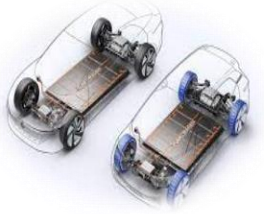
RECYCLION TECHNOLOGY DESCRIPTION AND GOALS

EoL Battery

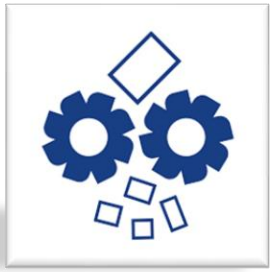


Collection

Discharge

Dismantle

Shredding & Sorting



40% of procesed Battery (in weight)

- Cu, Al foil
- Fe casings
- Plastic

BlackMass

60% of procesed Battery (in weight)

Option 1

directly to market
LOW VALUE

recyclion

Option 2

Metal Refining ÆHIDROMETALLURGICAL RECOV

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RECYCLION TECHNOLOGY DESCRIPTION AND GOALS

Black Mass

60% of procesed Battery (in weight)

Option 2

recyclion

Metal Refining Æ HIDROMETALLURGICAL RECOVERY

43% of black mass is metals
57% of black mass is graphite (in weight)

- Lithium Carbonate or
- Lithium Hydroxide grade battery
- Nickel Sulphate grade battery
- Cobalt Sulphate
- Manganese sulphate
- Recycled graphite

Chemical Salts
HIGH MARKET VALUE

processed materials

recyclion

CATHODE ACTIVE MATERIAL (CAM)

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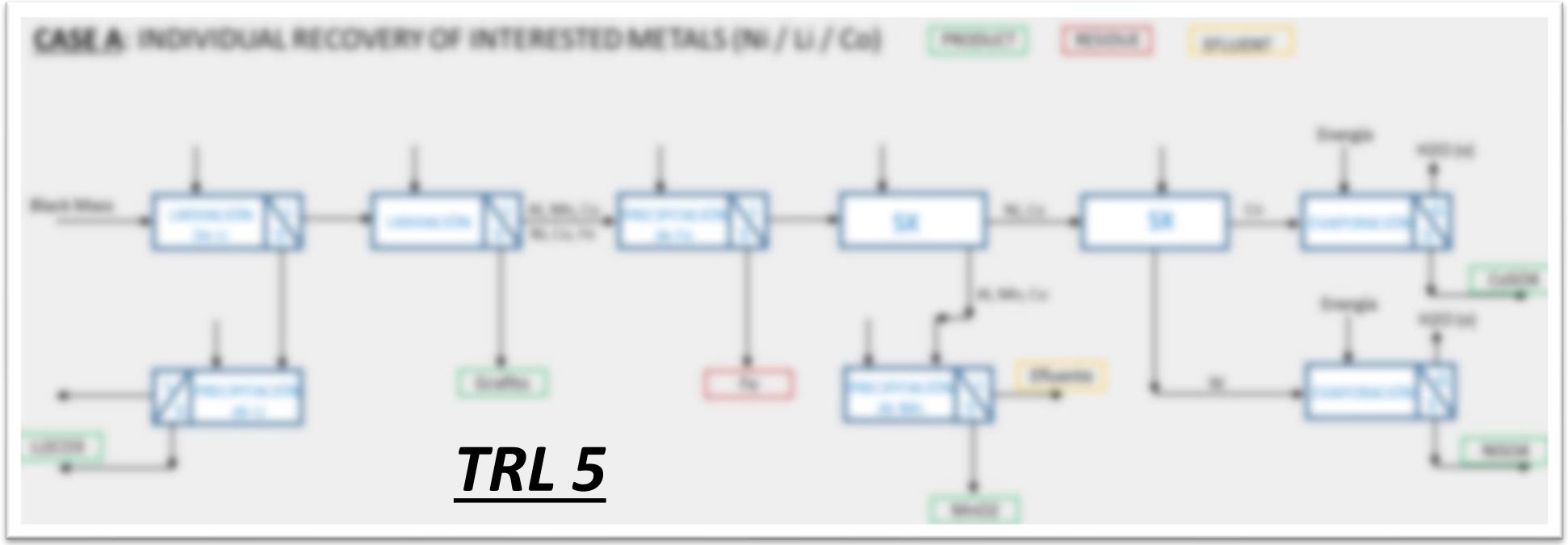
RECYCLION CURRENT SITUATION AND NEXT STEPS



Validation Recyclion process at Pilot Scale

CAM prototype production at lab scale

CAM validation in a Li-ION cell

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TECNICAS REUNIDAS

THANK YOU!!

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