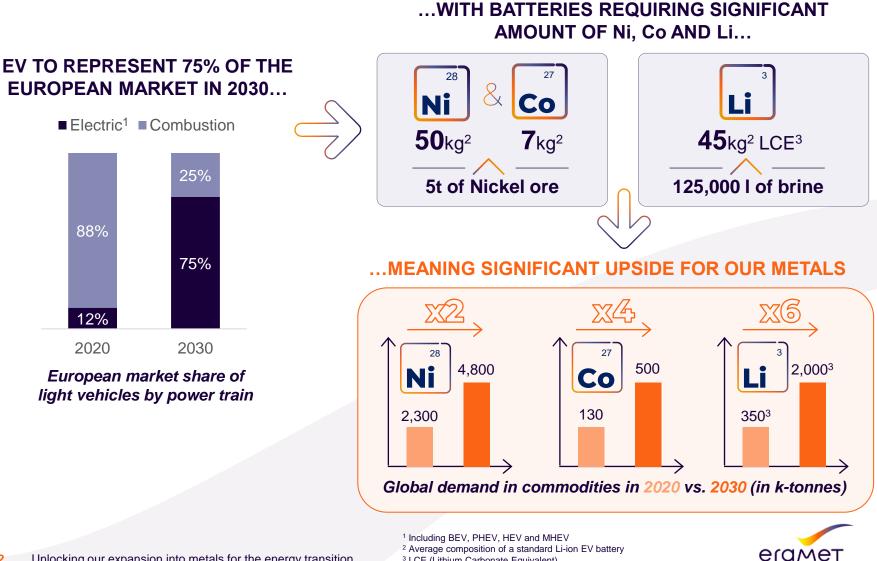
# Unlocking our expansion into metals for the energy transition

8 NOVEMBER 2021

# eramet

# We expect a mega boost in metals for energy transition



<sup>3</sup> LCE (Lithium Carbonate Equivalent)

# World-class assets in our energy transition portfolio



#### **Argentina:**

Centenario-Ratones worldclass deposits (resources of c. 10 Mt LCE)



Construction in partnership with Tsingshan

Indonesia:

Sonic Bay bound on a giant limonitic deposit (resources of c. 9 Mt Ni)

Development project with BASF

Accelerating our strategy through attractive partnerships



# **Centenario-Ratones: Tier-1 lithium project in Argentina**

Long-life brine deposits	Life-of-Mine of 40 years <sup>1</sup> based on a project designed for 24ktpa LCE <sup>2</sup>
	Large resources estimated at c. 10 Mt LCE <sup>2</sup> providing further upside potential
	100% ownership on the entire salar with perpetual mining rights
1 <sup>st</sup> quartile operations	<ul> <li>In-house developed Direct Lithium Extraction (DLE) process expected to deliver industry-leading lithium recovery rate (c.90% yield vs c.50% on conventional process) and lead time (1 week vs. 18 months)</li> <li>Successfully proven at our on-site pilot plant in real conditions over the past 2 years</li> <li>Cash cost of c.3,500 US\$/t post ramp-up (ex-works<sup>3</sup>)</li> </ul>
Attractive location	<ul> <li>Easy access to export logistics and infrastructures (Chile and Argentina) leveraging on the fast-paced developing Lithium Triangle area</li> <li>Stable tax regime granted in 2019 and secured for 30 years</li> </ul>



<sup>2</sup> Lithium Carbonate Equivalent
 <sup>3</sup> Excluding taxes and royalties

<sup>1</sup> Based on proven and probable reserves at the Ratones deposit (1.1mt LCE)

### **Top-notch sustainability standards**

- Robust environmental programme
- Significantly lower incidence on hydric balance vs. conventional process
- Long-lasting and constructive relationships with local stakeholders
- Solid local content: employment (c.95% of workforce) and sourcing (49% of procurement)
- Contributing to local community development (60 direct beneficiaries of the Quinoa Project developed by Eramet) over the past 4 years
- In line with UN Sustainable Development Goals





#### Continuously consolidating our social license to operate



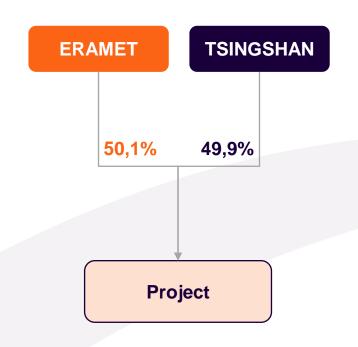
# **Financing secured**

#### TRANSACTION WITH TSINGSHAN

- Scope of the transaction (same as the initial project mothballed in 2020): construction of a 24ktpa LCE battery-grade plant ("Project") leveraging on Eramet's assets in Argentina<sup>1</sup> and in-house developed DLE technology
- Eramet to control<sup>3</sup> and operate the Project
- Tsingshan to contribute to remaining<sup>2</sup> capex funding requirements up to US\$ 375 million
  - > Eramet to contribute up to US\$ 25 million
  - Any additional funding requirement to be contributed by both shareholders on a prorata basis

#### Future commercial production to be shared on a prorata basis

#### **POST-FUNDING OWNERSHIP %**



#### Very limited balance sheet commitment for Eramet

<sup>1</sup> Including the mining rights of the Centenario, Ratones and Arizaro salars



<sup>2</sup> US\$ 185 million invested by Eramet in the project until April 2020 <sup>3</sup> Project consolidated in the Eramet Group accounts

# World-class development expertise onboard

#### All studies already performed and permits in place

 EIA<sup>1</sup> approved in February 2019 and DFS<sup>2</sup> completed in April 2019

#### Partner with proven and seamless project execution capabilities

- Eramet partnering with Tsingshan in Indonesia since 2017
- > Weda Bay success story: 20 months to build the plant
- Seasoned management team with solid track-record in DLE technology
- Operational team fully ready
  - Onsite training center fully running over the past 2 years



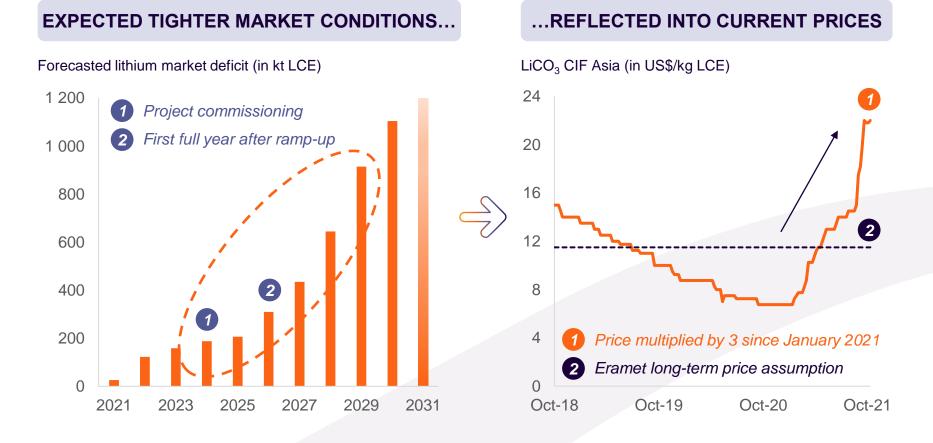


#### **Expected quick time-to-market**



<sup>1</sup> Environmental Impact Assessment <sup>2</sup> Definitive Feasibility Study

# Sound market fundamentals



#### Poised to enter the market at the right time



#### **Robust economics**

Yearly LCE production<sup>1</sup>

#### 24,000 tonnes

(after ramp-up)

Cash cost (ex-works)

#### 3,500 US\$ per tonne

(after ramp-up)

EBITDA at full ramp-up<sup>1,2,3</sup>

165 US\$M

(60% margin, real terms)

Internal Rate of Return<sup>1,2,4</sup>

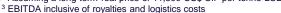
24%

(after-tax, nominal terms)

#### Well-positioned to deliver industry-leading returns

<sup>1</sup> On a 100% shareholding basis

<sup>2</sup> Assuming a long-term real price of 11,500 US\$ CIF per tonne LCE







#### We are execution ready



Eramet to become the first European company to operate a large-scale and sustainable lithium industrial complex leveraging on its own process







