



Council of the
European Union

**Brussels, 13 January 2022
(OR. en)**

5291/22

**INTER-REP 3
COMPET 17**

COVER NOTE

| | |
|----------|---------------------------------------------------------------------------------------------------------------|
| Subject: | The “European Battery Alliance Academy” initiative- Powerpoint presentation (Compco (Industry) WP 12.01.2022) |
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EBA Battery Academy

The solution for upskilling and re-skilling 800.000 workers, by 2025

A European endeavour

Diego Pavia, CEO - 12th January 2022

European Battery Alliance status @Jan 2022 (1/2)

Industrial projects all across the value chain in 22 countries

1



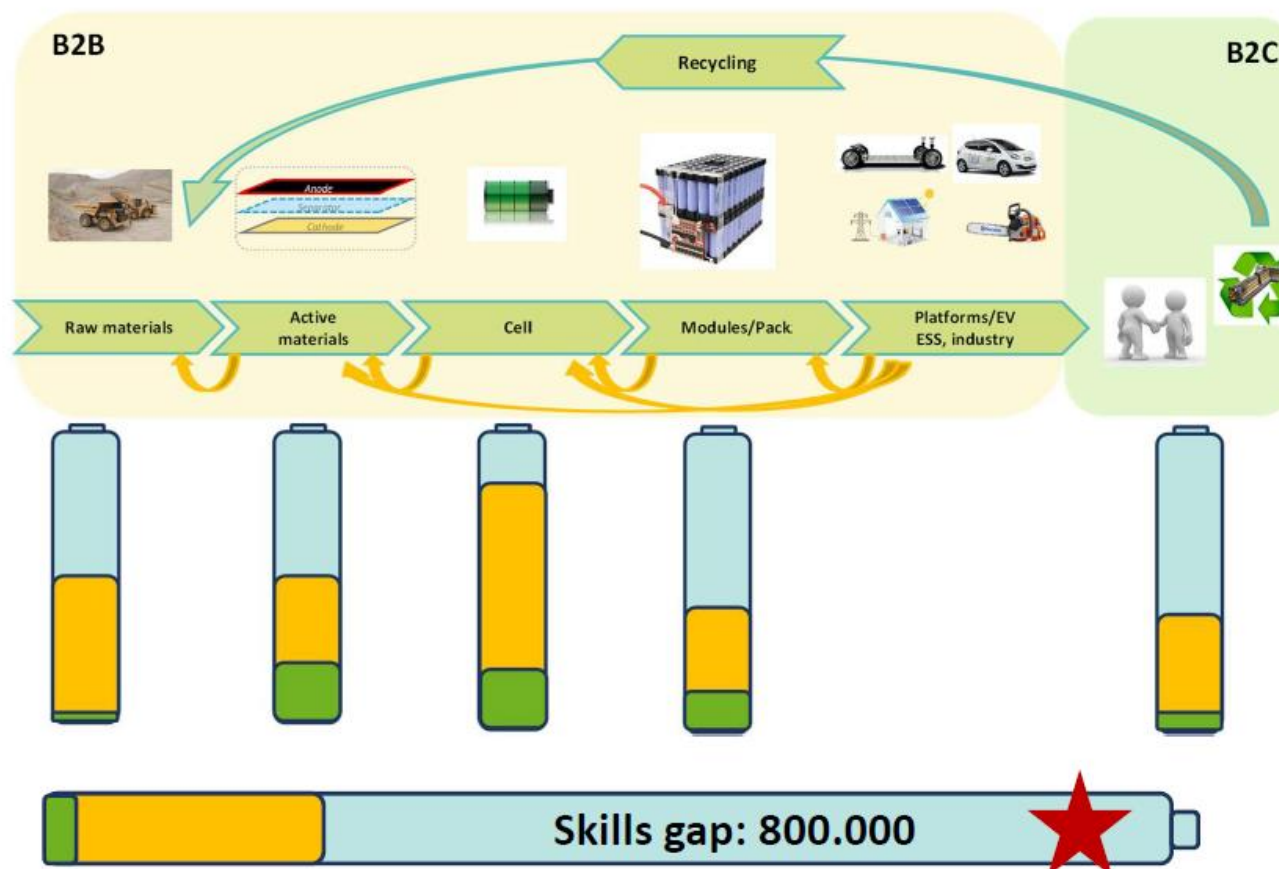
70 Industrial projects all across Europe, creating jobs and growth

European Battery Alliance status @Jan 2022 (2/2)

But still gaps to address ... one being skills

2

Gap between **existing + committed** and **needed capacity** (for 2025)

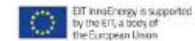


Massif skills gap ... to be filled in no time

Addressing the skills gap: EBA Battery Academy (1/3)

A European strategic endeavour (MS & Com)

3



Maroš ŠEFČOVIČ
Vice-President of the European Commission

Thierry BRETON
Commissioner for Internal Market

Brussels, 12/04/2021

There is also a need to bolster re-/up-skilling efforts to address the critical and imminent skills gap in the battery value chain by rolling out training programmes carried out in cooperation with your industrial and social partners. EIT InnoEnergy stands ready – through its “EBA250 Academy” initiative – to support you in preparing specific re-/up-skilling projects for the chosen segments of the battery value chain.

Given the momentum generated by the NextGenerationEU instrument and the urgent nature of the identified priorities, we invite you, once again, to assess the situation internally in your country, define the necessary investment needs and include eligible battery projects in the national plans under the Recovery and Resilience Facility and the Just Transition Fund, as well as the cohesion

There is also a need to bolster re-/up-skilling efforts to address the critical and imminent skills gap in the battery value chain by rolling out training programmes carried out in cooperation with your industrial and social partners. EIT InnoEnergy stands ready – through its “EBA250 Academy” initiative – to support you in preparing specific re-/up-skilling projects for the chosen segments of the battery value chain.

concerted efforts of industrial actors, have allowed the European Battery Alliance to make remarkable progress over the last three years.

We count on your continued cooperation to address the remaining priorities discussed at the Ministerial meeting, including the adoption of our ambitious Batteries Regulation proposal by 2022 to ensure a level playing field in the market with competition centred around sustainability and circularity. Your support will also be needed to develop sustainable raw materials projects in Member States, which are indispensable for establishing the production of battery materials in the EU and hence increasing the resilience of the EU battery value chain. Our urgent response to the challenges around these materials is critical given fast-growing global demand, tightening supplies and Europe's increasing dependence on imports from third countries.

Yours sincerely,

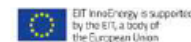
Maroš ŠEFČOVIČ

Thierry BRETON

Addressing the skills gap: EBA Battery Academy (2/3)

InnoEnergy credentials ... already implementing

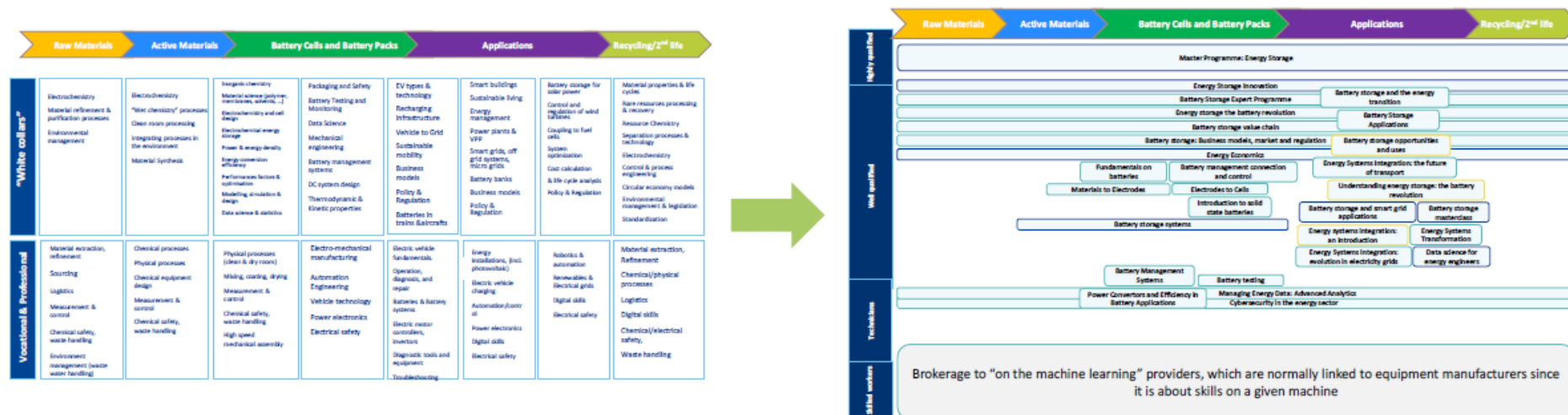
4



Based on industry



needs 30+ courses developed since 2018



More than **37.000** learners already, with ratings <4 to 5>

But we need to scale up to reach 800.000, involving local training providers in the countries

Addressing the skills gap: EBA Battery Academy (3/3)

Architecture of the solution

5



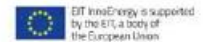
Three-layer architecture, multiplying the reach

- 1 **Workers** are trained by
- 2 **Local Training Providers** from Member States
- 3 using EBA Academy **content and platform**

EBA Battery Academy: Progress so far

3 Member States signed already (for 200.000 trained target)

6

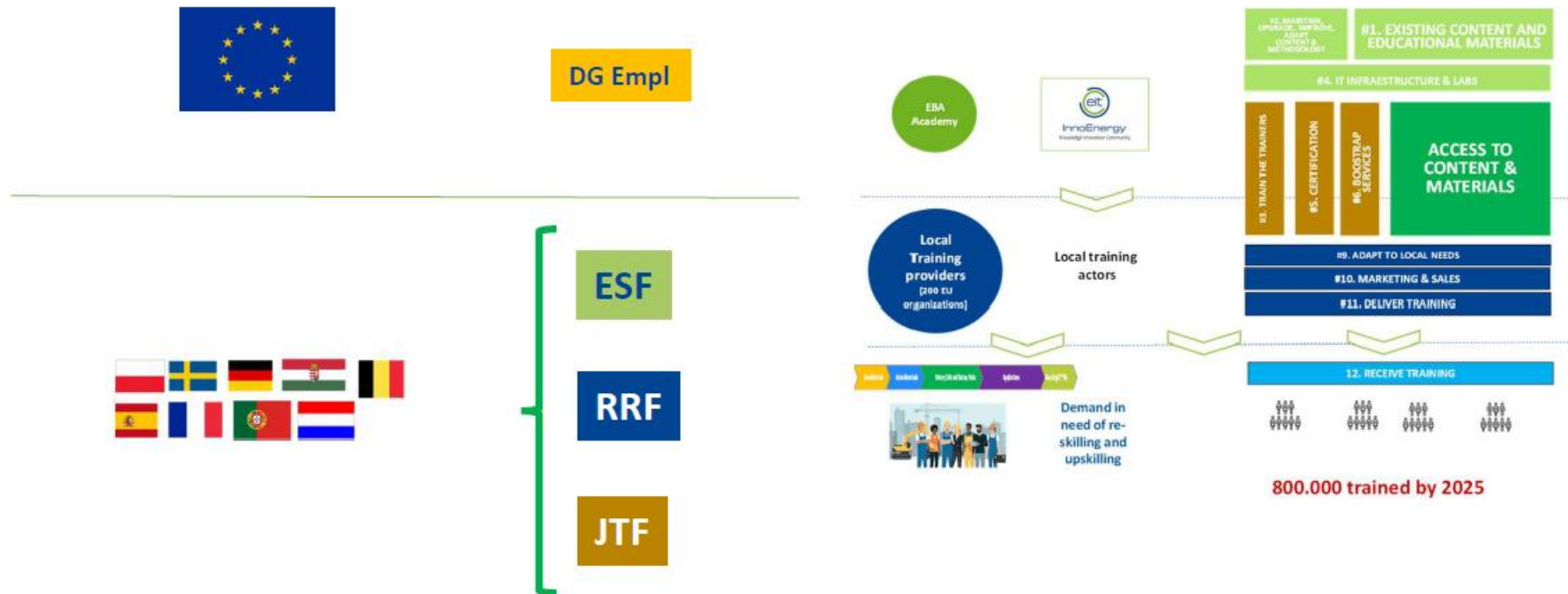


Industry
Employment

MOUs signed between **Member State** and **InnoEnergy**
with the patronage of **VP Sefcovic**

How is it partially funded by the Commission & Member States? European Social Fund, JTF and RRF

7



ESF, JTF, RRF deployed to the benefit of local industry and training providers

A country implementation example: Sweden Engaged parties by InnoEnergy...



8



ET InnoEnergy is supported by the EIT, a body of the European Union



Local Training Providers

| Bolag | Typ av organisation |
|-------------------------------------------------|--------------------------------------------|
| ABB | Karriär & Förtägsutbildning |
| Continuing Education Institute | Förtägsutbildning |
| EET | YH-utbildning |
| Folkuniversitetets yrkesutbildningsutbildningar | YH-utbildning & Förtägsutbildning |
| Hörs utbildningar | YH-utbildning & Förtägsutbildning |
| INSU | YH-utbildning & Förtägsutbildning |
| Kompetens Express | YH-utbildning |
| KTH Executive School AB | Förtägsutbildning |
| Kurslagsskolan | Gymnasier, vuxen- och företagsutbildningar |
| Kyb | YH-utbildning |
| Lamia | Kommun, YH-utbildning & Förtägsutbildning |
| Lund University Education | Förtägsutbildning |
| Rechenhaus, Tekniska institutet | YH-utbildning & Förtägsutbildning |
| T.E. Lunds | YH-utbildning |
| Universitetsskolan | YH-utbildning |
| Uppsala universitet | YH-utbildning |

+ 124 industries addressed

Swedish industry with reskilling need
(EBA members + others)

| Bolag | Typ av organisation | Kommentar |
|------------------------|------------------------|--------------------------------|
| Hoch ABB Power Grids | Industry | Member of BASE |
| ABB | Industry | Member of BASE |
| Akademierna Hys | Industry | |
| Alion | Industry | |
| Alma | Start-up & SME | EBA250 medlem & Member of BASE |
| APR Technologies | Industry | |
| Atlas Copco Group | Industry | |
| BASF | Industry | |
| Bit Sweden | Association | Multipier? |
| BMW Sweden | Industry | |
| BNP Paribas | Financial Institutions | EBA250 medlem |
| Boliden | Industry | |
| Boliden Bergslags | Industry | |
| Bombardier | Industry | |
| Business Sweden | Public Organization | EBA250 medlem |
| CEVT | | |
| Chalmers | Research | |
| Chargedium | Start-up & SME | EBA250 medlem |
| Comsol AB | Member of BASE | |
| Convult Systems Sweden | Industry | |
| Delia | Industry | |



Demand in need of
re-skilling and
upskilling



Benefitting the local players: training and industry

Q&A?

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