

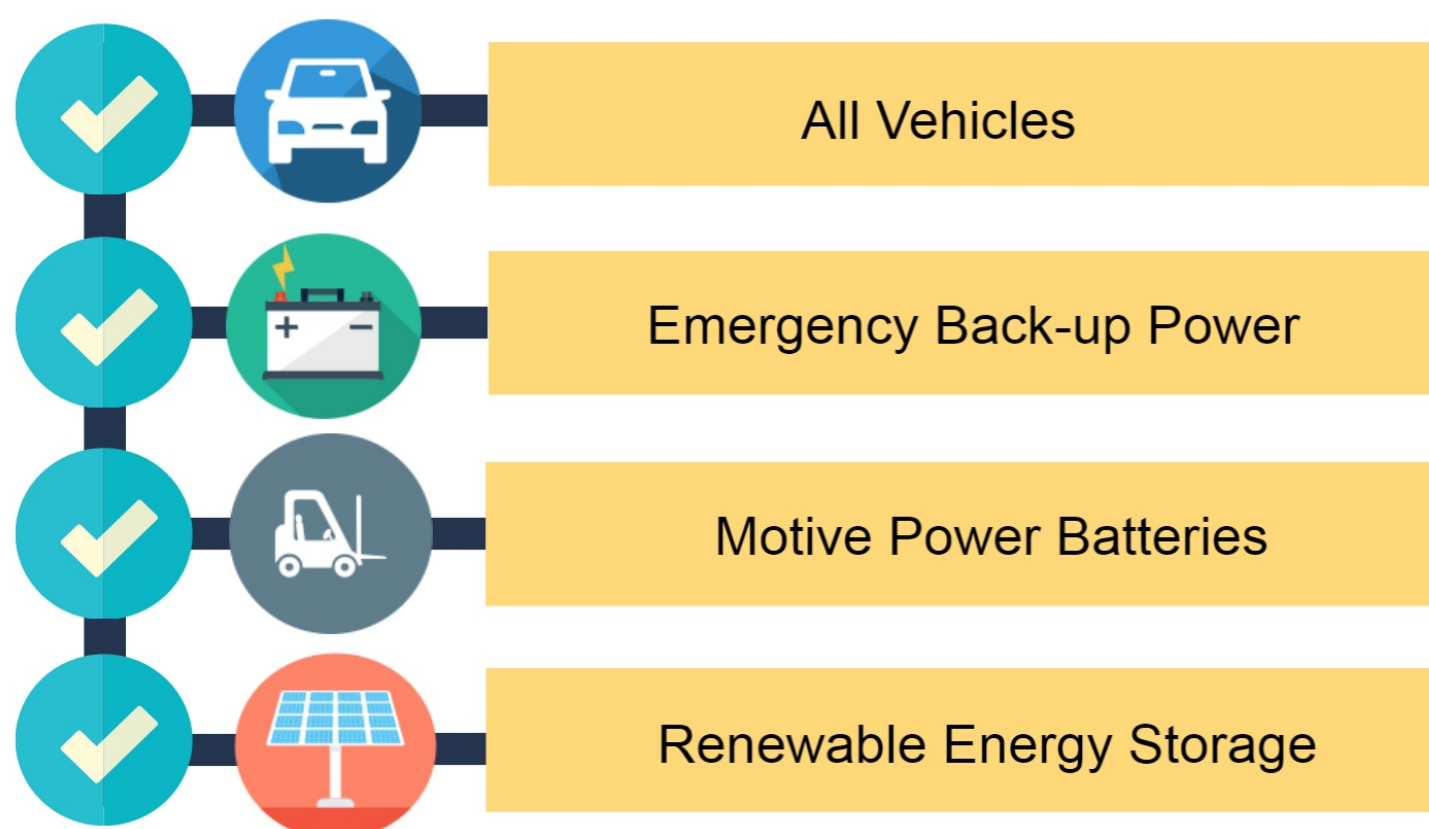


# Use of lead compounds is essential for battery manufacturing

European decision-makers and Member States are asked to grant an Article 58(2) exemption from the authorisation requirements of REACH for use of lead compounds in battery manufacturing.

REACH authorisation of lead compounds used in the production of batteries is not a proportionate regulatory action. It would undermine the competitiveness of the European battery industry without delivering any additional benefits in the control of risk to human health and the environment.

## Where lead-based batteries are used



## Downstream user sectors of lead-based batteries



## Efficient recycling of lead batteries



## 4 Key Points why use of lead compounds in lead-based battery manufacture should be exempt from REACH authorisation

**1** During the manufacturing phase of lead-based batteries, all lead compounds currently being considered for inclusion in Annex XIV are transformed into other substances with only trace amounts (<0.1%) present in the finished battery.

**<0.1%**

**2** Lead-based batteries operate in a closed loop with almost 100% collected and recycled at the end of life.

**3** Lead-based batteries are sealed units which means there are no exposure risks for human health or the environment.

**4** Risk of use of lead compounds in the manufacturing of lead-based batteries is already managed by existing lead-specific EU legislation and drivers for substitution already exist through the End-of-Life Vehicles (ELV) and the Batteries Directive.

## Socio-economic facts to consider

Our sector: 30,000 workers with an annual turnover of €6.5 billion - 83% (€5 billion turnover) is lead-based batteries with more than 20,000 workers.

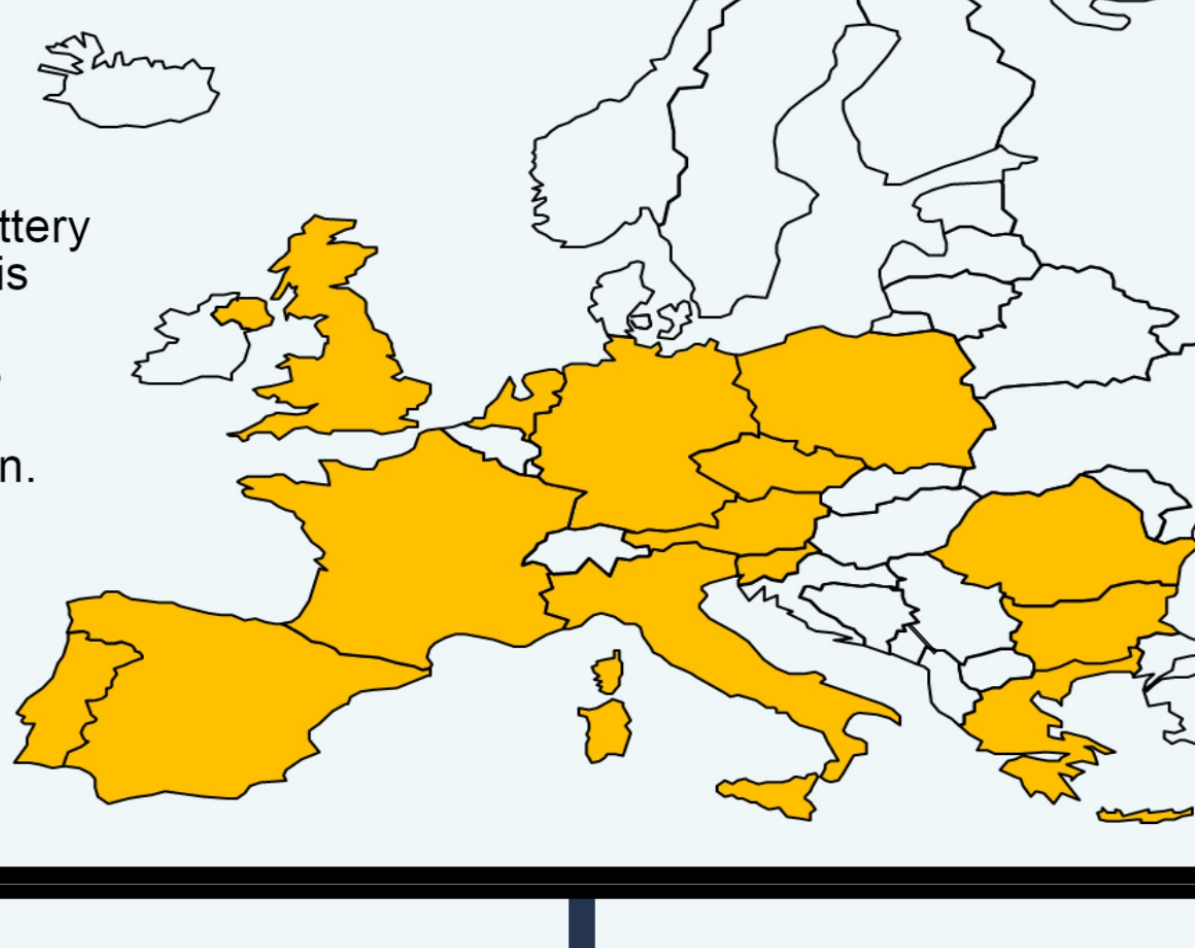
Users include the automobile industry with 12.9 million employees.

€845 million spent on R&D in last five years.

REACH authorisation will only apply to EU manufacturers of lead-based batteries, not imports.

Lead-based batteries play a significant role in achieving EU carbon emission reduction targets.

Lead-based battery manufacturing is located in 14 Member States across the European Union.



EUROBAT is the association for the European manufacturers of automotive, industrial and energy storage batteries.

Managed by the International Lead Association, the Lead REACH Consortium represents companies involved in the mining, smelting, refining and recycling of lead, as well as manufacturers of lead compounds and lead batteries.

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