



## DESK RESEARCH

# INTELLIGENCE IN THE BATTERY VALUE CHAIN: MOBILE BATTERY APPLICATIONS

### D5.1 Desk Research & Data Analysis for sub-sector IMBA –Release 1

This analysis covers the whole **battery value chain** from raw materials mining and processing up to second use and recycling - key drivers of change, stakeholders, state-of-the-art technologies, job roles, skills, and education opportunities. The Operation, repair and maintenance chapter focuses on **electric passenger cars** and maritime **vessels**.

#### GENERAL

Need to understand the **whole battery value chain** from mining of the raw materials to recycling?  
Interested in the operation, repair, and maintenance of **electric vehicles** and **electric vessels**?  
Wondering what key drivers of change, stakeholders, technologies, and job roles are there?

Explore our first comprehensive desk research report D5.1.

#### RAW MATERIALS AND PROCESSING

Where are the **deposits** of the scarce raw materials for battery production in the EU and globally? How are they **mined** and **refined**? What are the political, trade, regulatory, and competence **issues**? Who are the key **stakeholders**?

See chapter 3.1. Raw materials and processing (from page 68/69).

#### CATHODE AND ANODE MATERIALS USED IN EVS

Wondering which cathode and anode **technologies** are used in electric vehicle models? Which ones will **dominate** the future?

See chapter 3.2.2. Cell Components (from page 91/92).