

Illustrative Case Study - Industrial Battery B48

Demonstration case only. This is not a client project. It shows how DPPPrep would structure a readiness exercise for a representative industrial battery.

Scenario

A fictional European equipment manufacturer imports a 48 V industrial lithium battery above 2 kWh and wants to understand its preparation workload ahead of the Battery Passport deadline. Product data is spread across ERP exports, a technical datasheet, supplier declarations and service documentation.

31	requirements / data points reviewed
22	complete and source-backed
5	require verification / update
4	missing
7	supplier-dependent
3	source documents potentially obsolete

What the review found

- Product identification and core technical attributes were already usable from controlled internal records.
- A recycled-content declaration existed but its revision and applicability to the finished battery model needed confirmation.
- Carbon-footprint evidence was not present in the reviewed data pack.
- Several supplier documents had no clear internal owner or review date.
- The team had not yet assigned responsibility for individual-battery lifecycle data and Registry operations.

Example action plan

Priority	Action	Owner
1	Confirm applicable Battery Passport data points for the exact battery category and current compliance	Compliance
1	Request current recycled-content evidence and missing upstream composition information	Procurement
1	Establish applicable carbon-footprint evidence / calculation route.	Sustainability
2	Create controlled source-document register and revision ownership.	Quality
2	Assign ownership for model-level, unit-level and lifecycle data.	Project / IT
3	Select hosting / implementation route after data foundations are stable.	Project owner

Illustrative outcome

Instead of buying a DPP platform first, the fictional team now has a controlled gap list, named data owners and a cleaner dataset to hand to its chosen implementation provider. The example demonstrates process and deliverable structure only; it does not claim that the listed fields are universally applicable.

Battery-passport obligations and data points must be checked against Regulation (EU) 2023/1542 and the latest European Commission battery guidance.