



ECOFLEX

With the support of the Energy Transition Fund

D3.4 Integration Access Register

Version number and Date: Version 1; 11/2024

Author(s): Haulogy

Abstract for dissemination (PU)

This deliverable outlines the access and permission management principle.

Access rights are defined in terms of data access and flexibility management such that any system has clear and limited responsibilities, both on operator accesses and through interfaces.

This document aims at illustrating this principle.

Executive summary

This document outlines access and permission management principles.

Key principles:

- **Resource-Based Permission Access:** Permissions are tied to specific resources, allowing for granular control.
- **Hierarchical structured resource-based permission access model :** Access to a parent resource automatically grants access to its children.
- **Targetable Resources:** Not all resources are targetable for permission management to avoid software issues like UI display problems.

The document further provides examples of access configurations for different actors like Energy Management Systems (EMSs), energy communities, and aggregators, specifying what level of access each should have based on the hierarchical structure. Screenshots are included to illustrate the differences between administrator and non-administrator access views of the resource hierarchy.

Conclusion: The deliverable D3.4 outlines the access and permission management principles and illustrates their application through examples and visual representations.