

FLEXERGY

Deliverable DV8 - Technical dossier - Development of functional modules

Activity 4:
Development

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FLEXERGY ABSTRACT

The FLEXERGY project aims at the development of an advanced management solution, highly innovative and provided of artificial intelligence, for the management of assets of battery energy storage systems, integrated with renewable energy sources or for application within a microgrid.

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Language Requirements (for non-native English speakers)

In order to fully understand the content of this document, it is therefore recommended that the reader possesses a language proficiency equivalent to B1 level, according to European Language Levels

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Executive Summary

This document describes the ES Manager functional modules from a development perspective.

Throughout the document, readers will get acquainted with several project development topics, namely:

- Dispatch Optimization Module
- Weather Forecast Module
- PV Generation Forecast Module
- Load Forecast Module
- Neural networks and their training
- Data series and their statistical analysis
- Software modules integration, REST interface and data model

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