

## D3.7 AEOLIX INTELLIGENT DASHBOARD

### Lead Beneficiary: Giventis International BV

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Full deliverable available here: <http://aeolix.eu/deliverables/>

The AEOLIX Dashboard is an intelligent, user configurable, cloud-hosted data base application which serves as a dedicated portal to the AEOLIX platform. The AEOLIX Dashboard application is akin to a virtual control tower to support the extended supply chains of industry, covering manufacturing, distribution and intermodal transport across Europe.

The AEOLIX Dashboard is an application designed to enable visibility to end-to-end logistics flows. It uses this visibility to manage logistics activities by capturing, sharing and enhancing data that is published from disparate logistics systems and sources through the AEOLIX Connectivity Engine (CE).

As proposed, the AEOLIX Dashboard concept seeks to facilitate information feeds from information providers, such as shippers and LSP's and makes this available in the Dashboard to inform information consumers such as rail terminals, truck operators, and consignees. These roles may change as truck companies and railway terminals in turn provide status updates back to the shippers and LSP's to provide full supply chain visibility, supporting collaborative planning across multiple actors in the supply chain.

The AEOLIX Dashboard application enables logistics visibility across the supply chain, and supports the subsequent valorisation of this information through the various intelligent capabilities now being designed in the Dashboard, and further enhanced through access and interface with AEOLIX Toolkit services.

This document describes and reflects the results achieved:

- The AEOLIX Dashboard Mission: Describing the information gap and the role of the AEOLIX Dashboard application in closing and addressing the information gap
- The AEOLIX Dashboard Deployment in the AEOLIX Living Labs: The development process leading to the deployment of the Dashboard across 8 Living Labs, covering the entire end-to-end supply chain across all modes
- The AEOLIX Dashboard Functions: The Dashboard application functions for data management, data display and enrichment of the information
- The Technical Integration with the AEOLIX CE and the underlying architecture.

These sections are supplemented with the Appendices for:

1. Describing the Living Lab requirements as stated and communicated in the Use Cases and during initial deployments
2. Describing the match and correlation between these requirements and the AEOLIX application functionalities
3. Describing the correlation between the functionalities and the supply chains and the Events in the supply chain being supported by the AEOLIX Dashboard.
4. A User Manual, describing the process for the deployment in some further detail.



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This document is intended to be read in conjunction with D5.2 and D5.3 as to the Living Lab Use Case description and data sources being mobilized inside the AEOLIX Dashboard, as well as the D3.2 document describing the central AEOLIX platform, with which the AEOLIX Dashboard communicates to obtain the data it uses to support the Living Lab logistics operations.

Per Force, the User Manual, as a separate stand-alone document, will cover the same materials as the main document, but will include practical tools for implementation and for the on-boarding in conjunction with the AEOLIX Dashboard's development team.

