

## CL5-2022-D6-02-01: Logistics networks integration and harmonisation through operational connectivity to optimise freight flows and drive logistics to climate neutrality.

### Organization

*Name of the Organisation:* VIL

*Organisation Type: (Shippers, Retail, Logistics Service Provider, Ports, Hubs, Infrastructure Managers, IT, Consultancy, University, Technology Center... other : please specify)*

*Cluster members organisation*

*Country:* Belgium

*Brief description of the Organization\*:*

VIL is the spearhead cluster organisation for innovation in logistics, with about 600+ members (mainly companies but also cities and knowledge institutes). VIL wants to explore and enable logistics innovation in the Flanders' logistic ecosystem, together with its members. VIL leads innovation projects with its members, organises dissemination, network and brokerage events, and gives advice on policy and effects of policy to the Flemish government. Because Flanders is in the heart of Europe and logistics doesn't stop at the borders, VIL also focuses on international collaboration for creating innovation in logistics.

*Describe which aspects of the call topic you would like to contribute to and how. Include the skills and competences making you suitable for that\*:*

*Industry stakeholder inquiries for validating solutions and implementation potential.*

*Mapping main barriers and opportunities.*

*Coordination of use case, if the partners if the use case is relevant for the TEN-T corridors running through the Flemish region (Zeebrugge, Gent, Antwerp, Brussels, Genk,...).*

*Hosting dissemination activities towards the logistics ecosystem in Flanders, including the organisation of dissemination events (at Log!Ville, demonstration center for logistics innovation [www.logiville.be](http://www.logiville.be)).*

*Previous experience in EU/other Related Projects and references\*:*

- **Gateway to Britain, 2021 - ..., VLAIO + BAR:** The 'Gateway2Britain' project will achieve a green corridor to make trade between Flanders and the United Kingdom more efficient. The project is being carried out by VIL and Deloitte on behalf of Flanders Innovation & Entrepreneurship (VLAIO). Funds from the BAR (Brexit Adjustment Reserve) of the European Union will be released for this purpose.
- **PILL physical internet living lab, 2021 – 2024, VLAIO:** The cSBO project PILL, executed by imec, MOBI VUB and VIL aims to make logistical processes more efficient, reliable, flexible and sustainable, using the Physical Internet. The project will build a prototype of the IT system which will allow the ports to be a part of the Physical Internet.

- **Logigrid, 2020- 2022, VLAIO:** In the project Logigrid, spearheadclusters VIL and Flux50 will collaboratively research how Smart Microgrids can contribute to the electrification of the Flemish logistics sector and its transition to renewable energy.
- **Dispatch (digital twin for synchromodal transport), VLAIO, 2019 - 2023:** In this project VUB, UHasselt, KULeuven and VIL focus on synchromodality to absorb the growth of goods transport. A platform will be developed that creates a test environment using a digital twin component, to simulate synchromodal transport in a risk-free environment.
- **Digital Gateway 2 government, 2019-2021, VLAIO:** The project Digital Gateway 2 Government aims to design IT systems that contribute to more fluent digital communication between companies in the gateways involved in import and export processes , on one hand, and, the relevant government services on the other hand.
- **Sense, 2017-2021, H2020:** VIL participated the European project SENSE which aims to use the Physical Internet to achieve co-modal transport services on a European level, within a well synchronizes, intelligent and seamless network, and thereby give optimal support to the supply chain.
- **Sharing Logistics, 2019 – 2021, VLAIO:** The standstill of assets in the logistic sector is very costly. The amount of assets and services that are not 100 % utilized during the entire day is endless. With the project ‘Sharing Logistics’, VIL is striving towards a more efficient occupancy rate of these logistic assets through building a web platform and by matching the supply to the demand.
- **Trailer on Barge Shuttle, 2019-2020, VLAIO:** The VIL project ‘Trailer on Barge Shuttle’ aims to provide an innovative alternative in congestion sensitive areas in Flanders by shuttling empty and/or loaded trailers by barge over relatively short distances by means of a ro-ro (roll on – roll off) concept.

## CONTACT

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