open logistics foundation



Knowledge Circle of the OLF

Impact Hub for knowledge exchange and emerging technologies in logistics

Open Logistics Foundation

What is Open Logistics Foundation?

International, diverse, collaborative community

- Established in 2021 by Rhenus, Dachser, DB Schenker, and duisport as **non-profit and common benefit**
- **More than 60** members and network partners from 18 countries work together based on trust and fair play
- A **neutral partner for collaboration**, fostering jointly developed, free **open source solutions** for the logistics of tomorrow
    - Why jointly? Many digitalisation efforts fail at company boarders. But, just as logistics operates in networks, so should digitalisation!
- Lays the **technical foundation for interoperability** with building blocks at the commodity level. Solutions are for everyone, regardless of company size or location.





Our focus is 100% logistics

Collaborative solutions

Logistics challenges require teamwork, especially for end-to-end supply chains

Open community

Our strength is our open and diverse community

Member-driven approach

All topics are driven by member needs and worked on jointly

Coopetition in focus

We focus on commodities, not on market-differentiating features

Free & open source repository access

All results are published in our repository and free to use for everyone

How do we bring our logistics focus to life?

By connecting interests, ideas and people across the community in dedicated spaces

Working Groups

Define shared priorities and bring members together around strategic themes and common challenges.

Identify needs and build consensus across themes.

Outcome: shared direction

Projects

Turn Working Group priorities into concrete, open source components through member collaboration.

Work toward defined objectives and deliverables.

Outcome: open source solutions

NEW! Knowledge Circle

Explore topics emerging across the wider logistics ecosystem that interest our community.

Connect people and ideas that may not yet fit into a Working Group or project.

Outcome: new connections & potential future topics



New format: Knowledge Circle

What is it?

- A strategic circle designed to **bring together members with interest or expertise in a variety of innovation topics**
- An impact-driven expert platform, not a governance body
- A dedicated space, separate from the Working Groups, to:
  - Explore emerging trends in logistics and open source
  - Exchange practical experiences, use cases, and lessons learned
  - Identify topics with potential to evolve into future Working Groups

Learn more about the Knowledge Circle

The first Knowledge Circle topic

Artificial Intelligence in logistics

The Knowledge Circle: AI in logistics (KC AI) is an open exchange and innovation platform dedicated to artificial intelligence in logistics.

It enables knowledge sharing, peer-to-peer learning, and the early identification of emerging topics with the potential to evolve into future open source initiatives and projects.



Knowledge Circle: AI in logistics Leads



Jens Leveling
Fraunhofer IML



Ulrich Buhrmann
iteratec



Knowledge Circle: AI in logistics

Key areas of focus

AI applications

- Logistics operations and processes
- Monitoring, security & automation

AI-supported development

- Coding assistants & agents
- Prompt engineering with logistics-specific context

Infrastructure & integration

- Cloud, edge, local AI setups | toolchains, APIs & integrations

Real-world experiences

We aim to turn participants' ideas into tangible projects and code.



Who should join?

- Experts and practitioners from member companies
- Organisations interested in AI-driven innovation in logistics
- Technology providers, consultancies, and research institutions
- Members seeking an accessible entry point into using AI in connection with the work of the OLF ecosystem

We welcome diverse perspectives across the logistics ecosystem.

What's in for you?

There are plenty reasons to join.

- Easily access relevant AI knowledge and peer exchange
- Discover emerging technologies and trends
- Gain insights into real-world use cases, best practices, and challenges
- Participate in a practical exchange focused on enabling open source AI projects, not just following trends
- Network and collaborate across organisations
- Position participants as thought leaders through active contributions
- Identify and shape future OLF initiatives and projects



Knowledge Circle, in a nutshell

Here’s what you can expect



Format

Virtual, collaborative sessions designed for discussion and joint development



Leadership

Facilitated by Jens Leveling (Fraunhofer IML) and Ulrich Buhrmann (iteratec)

Hosted by Andreas Nettsträter (OLF)



Framework

A trusted environment, where all discussions are conducted in full compliance with competition law



Participation & Membership

The Knowledge Circle is open to members of the OLF. Find out more today!

Our members

View the member overview to meet the organisations already driving open logistics innovation.

Our Working Groups

View our Working Groups to see which topics and projects are being developed within the Foundation.

Our fees and conditions

View membership details to learn about fees, conditions, and how to apply.

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Join our Innovation Community and the Knowledge Circle



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