

# ONE Record – Pilot “Fully Digital Perishable Import”

## Pilot Description

- Agile development towards a **fully digital perishable import process** for **air freight**
    - Use the **ONE Record data model** and (elements of the) **API** for data exchange between partners
    - Shipment record, status updates, data of PER-specific documents, digital accompanying documents where data only is not available / possible
  - Results will be made available as **Open Source** in the **Silicon Economy Logistics Ecosystem**
- => Project aims to demonstrate how a broader application of ONE Record between most different stakeholders can work

## Pilot Participants



**Lufthansa Cargo**



**Fraunhofer**

IML



Lobster



silicon  
economy

More Stakeholders to join soon...

## Pilot Project Tag Line

**“Re-thinking perishable import fully digital –  
based on ONE Record data sharing”**

# ONE Record – Pilot project profile



## Data Model

Airline Core Ontology ✓	Interactive Cargo (IoT) ✓
Shipper's Letter of Instruction ✓	
	Customs (PLACI, ICS2) ✓
	Ground Handling ✓

## API / Security

PUB/SUB	Access restriction
LO update	Rich data
Status update	

## Implementation roadmap

Apr.	Mai	Juni	Juli	Aug.	Sept.	Okt.	Nov.	Dez.
▲ 1st Workshop	Agile development throughout projects runtime					Evaluation		

# ONE Record – Pilot project profile



## Pilot Set Up / Architecture

Agile development through:

### Product Owner + Development Team:



### Stakeholder involvement:

(as Requirement provider, Development and/or Application partner)



**Lufthansa Cargo**



**Lobster**



More Stakeholders to join soon...