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**
- **FRA AIR CARGO COMMUNITY**

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
- Shipper’s Letter of Instruction
- Interactive Cargo (IoT)
- Customs (PLACI, ICS2)
- Ground Handling

**API / Security**
- PUB/SUB
- LO update
- Status update
- Access restriction
- Rich data

**Implementation roadmap**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1st Workshop</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Agile development throughout projects runtime</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Evaluation</td>
</tr>
</tbody>
</table>

ONE Record – Pilot project profile

Pilot Set Up / Architecture

Agile development through:

**Product Owner + Development Team:**

- Fraunhofer IML
- silicon economy

**Stakeholder involvement:**
(as Requirement provider, Development and/or Application partner)

- Lufthansa Cargo
- Lobster

More Stakeholders to join soon…