

ONE Record – Cargo pre-advise for trucking



Pilot Description

- The use case aims to enable forwarders / truckers to use truck pre-advice features via a ONE Record API with FRA local community platform Fair@Link

Pilot Participants

ibsssoftware

DAKOSY



>YOUR WINNING STRATEGY<



Lufthansa Cargo

Pilot Project Tag Line

“Strive for progress, not perfection”

ONE Record – Cargo pre-advise for trucking



Data Model

Airline Core Ontology

Shipper's
Letter of Instruction

Cargo
Distribution

CO2
Emission

e-CMR

ULD
Tracking

Interactive
Cargo (IoT)

Dangerous
Goods

Pharmaceutical

Customs
(PLACI, ICS2)

Ground
Handling

API / Security

PUB/SUB

LO update

Access delegation

Security

Events

Audit trail / Versioning

Access Control

Cascading status update
- Pub/sub in multi-chain

Data integrity / non
repudiation with RDF

SHACL shapes

IoT updates

Rich data

Implementation roadmap

Timeline work in progress

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Pilot Set Up / Architecture

Architecture work in progress