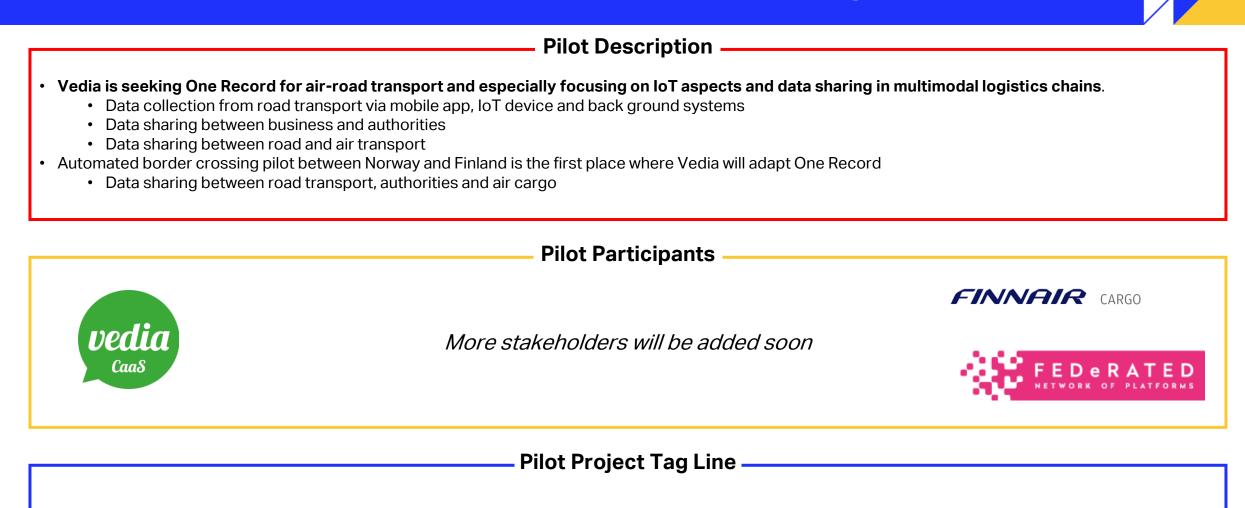
ONE Record – Truck/IoT border crossing



Smooth border crossing by data sharing and logistics transparency

ONE Record – Truck/IoT border crossing

Data Model ———		API / Security —	
Airline Core Ontology	Interactive Cargo (IoT)	PUB/SUB	Access restriction
Shipper's Letter of Instruction	Dangerous Goods	LO update	Cascading status update - Pub/sub in multi-chain
Cargo Distribution	Pharmaceutical	Access delegation	Data integrity / non repudiation with RDF
CO2 Emission	Customs (PLACI, ICS2)	Security	SHACL shapes
e-CMR	Ground Handling	Status update	loT updates
ULD Tracking	Perishables	Audit trail	Rich data

Implementation roadmap

Q1/2021 Vedia 1R server \rightarrow Finland Norway border crossing pilot Q1/2021 \rightarrow Q2/2021 Finland Baltics corridor collaboration \rightarrow Finland – Russia – China corridor collaboration H2/2021

ONE Record – Truck/IoT border crossing

