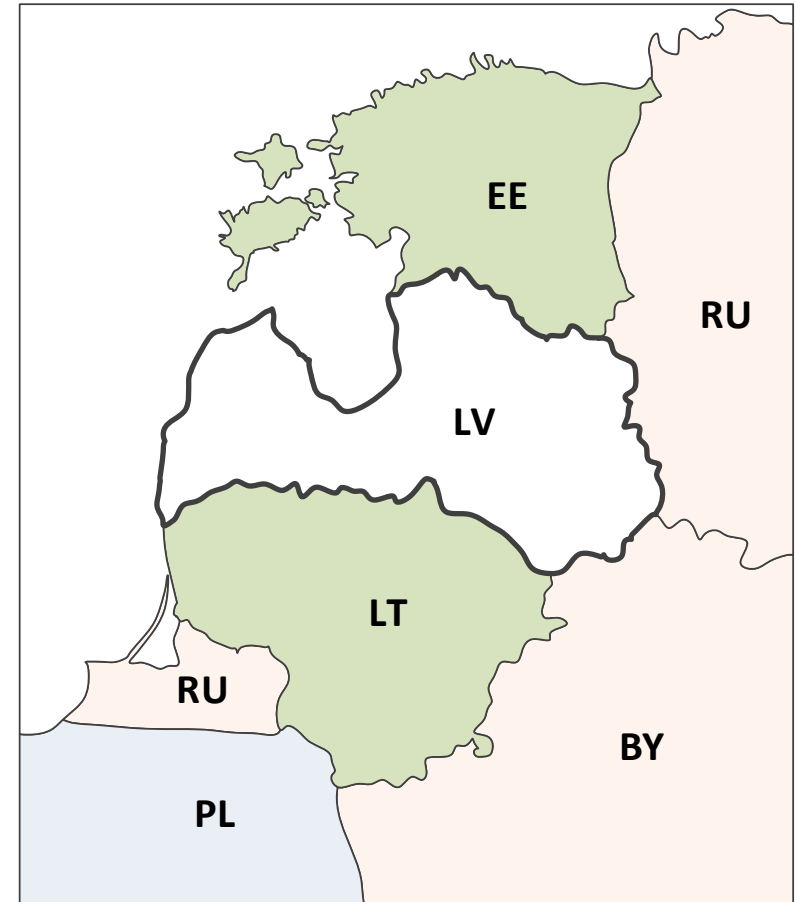


# TAF TSI implementation in LDZ CARGO Ltd

6th Regional TAF TSI Workshop  
Warsaw 12-13.09.2017



# About the LDZ CARGO

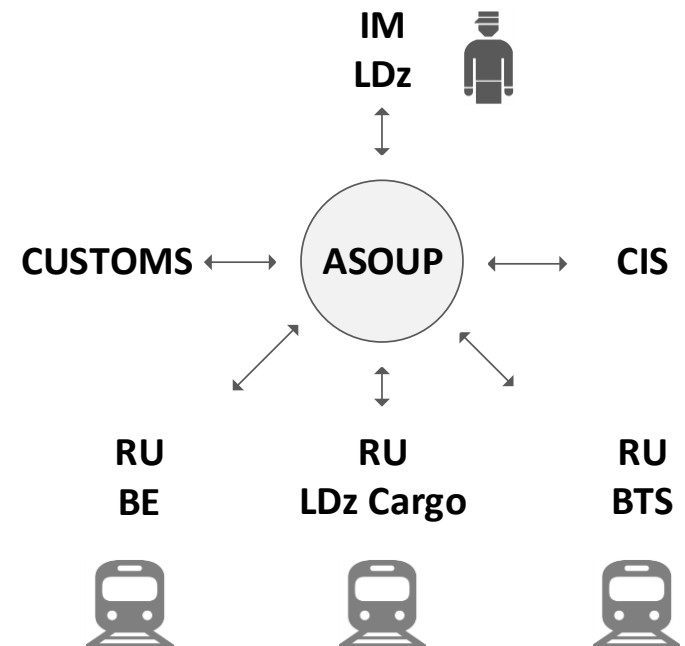
- ▶ Company code: 2125
- ▶ Established: 2007
- ▶ Staff: 2700
- ▶ Main Railway Undertaking in Latvia covers nearly 70 % of the total rail freight volume
- ▶ Principal partners are in Russia and Belarus
- ▶ Wagons: 5696
- ▶ More than 200 locomotives
- ▶ Freight carried in 2016: 15879000 thousand ton-km
- ▶ Freight service customers: 3800



# TAF function implementation

## Functions implemented

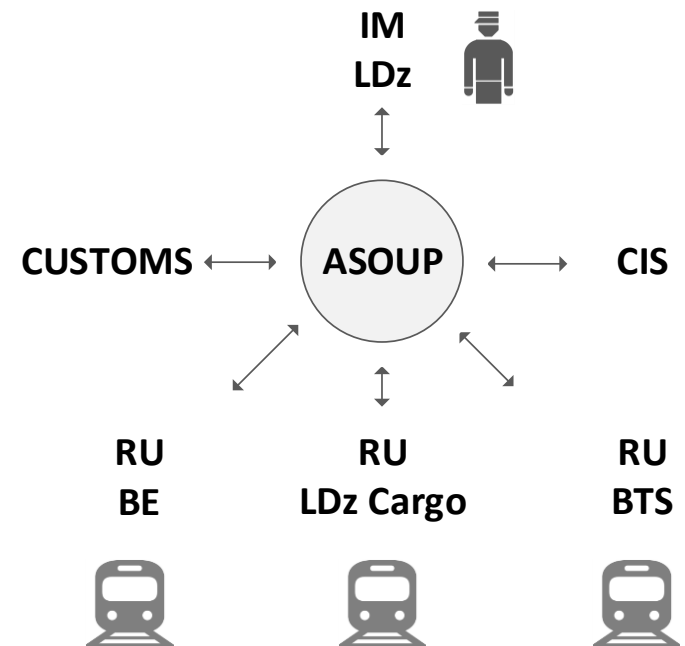
- ▶ Company Code (100%)
- ▶ Common Interface - data exchange only with ASOUP users
- ▶ Train Running Information - receive ASOUP messages when train passes arrival, departure and border points



# TAF function implementation

## Functions implemented

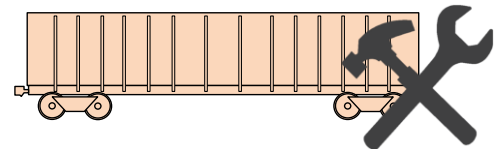
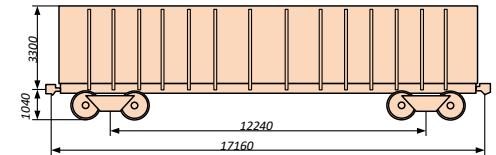
- ▶ Train Composition Message - ASOUP Messages Nr. 02, 09 (only for 8 digit number wagons and SMGS)
- ▶ Consignment Note Data - Customers submit data electronically to the web portal (only for SMGS)
- ▶ Wagon InterModal unit Operational database (WIMO) - Wagon operational data is available in the ASOUP database (only for 8 digit number wagons)



# RSRD functions

## Using of ASOUP ABDPV wagons database (TAF TSI RSRD functional analog)

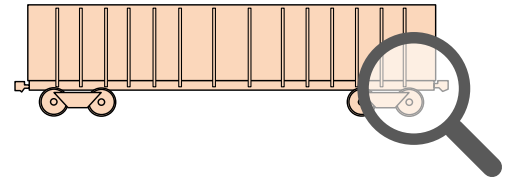
- ▶ Initial input. Wagon factory and/or wagon owner send all technical passport data of the new wagon to ABDPV database such as length or weight of the wagon - Wagon technical passport message Nr. 8959
- ▶ Repair shop updates the technical wagon data - Wagon technical passport message Nr. 8959
- ▶ Repair shop updates the wagon status - Exit from the wagon repair message Nr. 1354



# RSRD functions

## Using of ASOUP ABDPV wagons database (TAF TSI RSRD functional analog)

- ▶ To get data from wagons database, user send Wagon data request message Nr. 4618 with reference depending of needed information:
  - Ref. 2612 - Complete milage of the wagon
  - Ref. 2652 - Short technical passport of the wagon
  - Ref. 2651 - Technical passport of the wagon
- ▶ Wagon inspector updates the wagon status - Detection of faulty wagons message Nr. 1353



# Expected positive impacts

- ▶ Replacement of manual work (Path request)
- ▶ Better incident management (Service Disruption Information)
- ▶ In the future to create harmonized messages for CIM and 12-digit Wagon numbers
- ▶ Process optimization



# THANK YOU FOR YOUR ATTENTION!

TAF TSI implementation in LDZ CARGO Ltd.

Indulis Bukans

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