

# The project of the organization of container trains on the route "Klewan – Gdansk port"

## 1. Project description



- This project ensures the use of "EU-Trans" railroad cars for the delivery of an export flow of mainly grain cargo in containers from Ukraine to the Polish port of Gdansk and their further transportation by the Maersk line to different parts of the world. And double operations are used to bring imported goods back to Ukraine on the return route are used to ensure the maximum productivity and profitability of the project.

- Accumulation of cargo is carried out at the container terminal at the Klewan station.
- "EU-Trans" fitting platforms are used on the "Klewan - Slawkow" section (129 wagons with a track width of 1520 mm are used).
- Transshipment terminal at Slawkow station (adjacent tracks 1520 mm and 1435 mm).
- On the section "Slawkow – Gdansk Port" fitting platforms with a track width of 1435 mm are used.

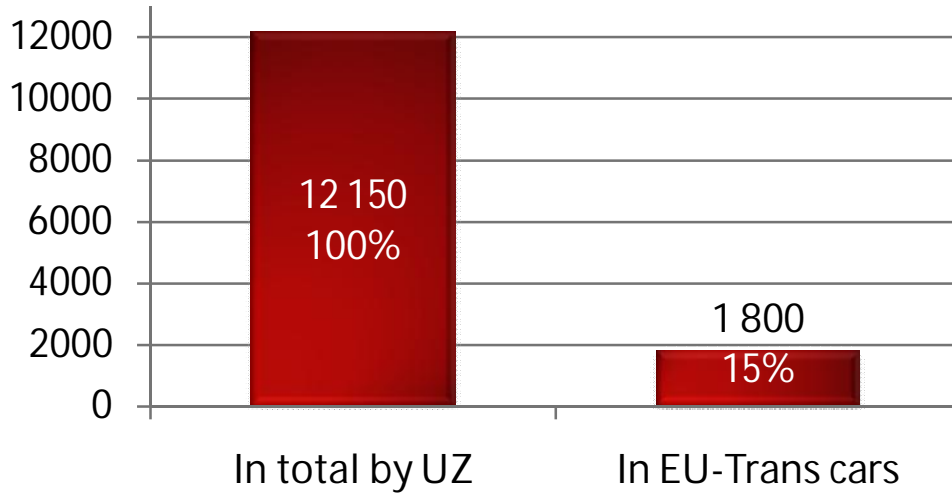
## 2. Project components

### 3. Project economic indicators

- 2000+ containers 20' and 40' / month.
- 129 fitting platforms (FTG) "EU-Trans" LLC of gauge 1520 mm.
- 12-14 trains / month.
- Cargo: meal, wheat, corn, oil, starch, juice concentrate, etc.

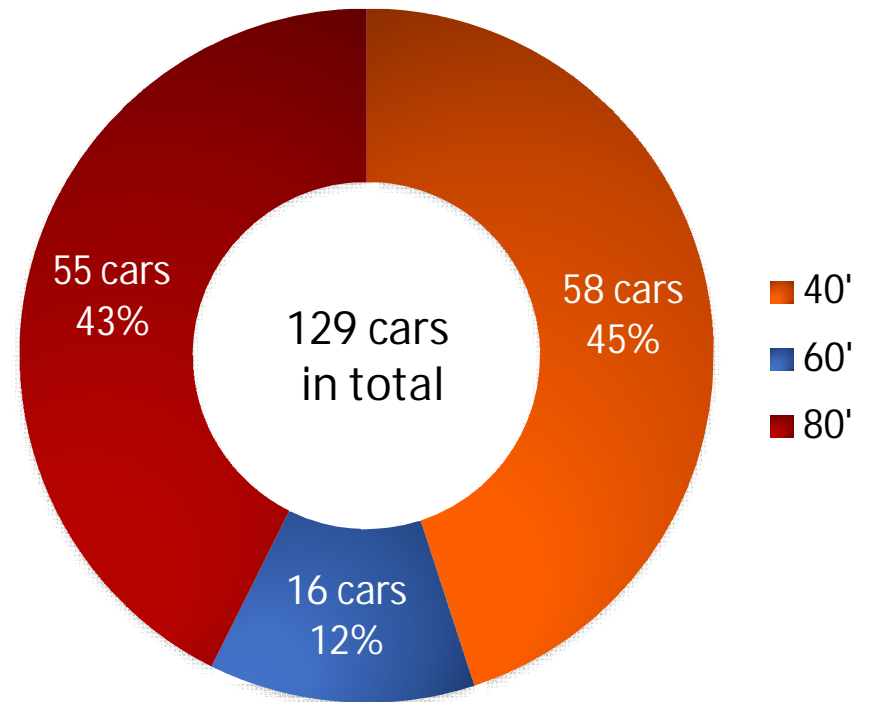
The volume of FTG shipment by UZ for 2023

Cars



- "EU-Trans" fleet = 138 fitting platforms (38%), the profit for which in 2023 = UAH 45.5 million. = 1.2 million US dollars (60% of profit).
- So, FTG is the most profitable type of rolling stock.

FTG "EU-Trans" car fleet



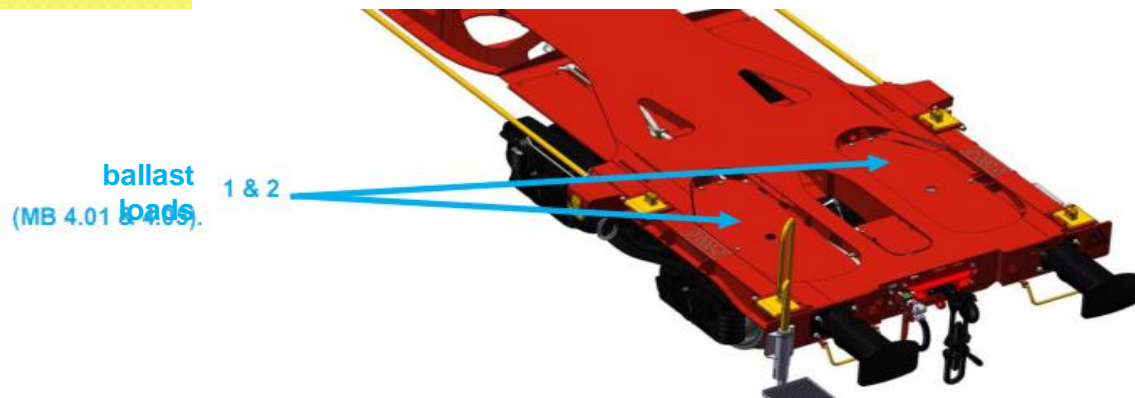
### 4. Project investment needs

- Increasing the share of own RS due to the purchase of 22 FTG (=1 train) gauge 1435 mm to attract them on the section "Slawkow - Port of Gdansk".
- The project cost is ~ 1.98 million Euros: 480 thousand - EU-Trans funds, 1.3 million - investment needs.

## 5. The project's technological component



Car type	Sgmmns	Tara weight intermodal* (t)	14,1
Number of axes	4	Tare weight intermodal with ballast* (t)	16,5
Bogie type	Y25 with compact brake	Vehicle gauge	G1
Max. length over buffers (mm)	13.698	Maximum wheelset load(t)	22,5



- The car has 8 (4\*2) removable ballast plates, installed 2 above each other, which allow to reduce the car's weight by 2.4 tons.

## 6. Project financial expectations

- Formation of a complex price for the entire transportation route.
- Adjustment of rates (possibility of maintaining long-term relations).
- Reduction of costs involving third-party cars of 1435 mm track on the section "Slawkow - Port of Gdansk".
- The possibility of changing the transportation route.
- Total income = 22 wagons\*33 euros\*30 days = 21,780 euros/month.



- Due to the reduction of the tare, the carrying capacity of the car can be increased from 73,5 to 75,9 tons, that is, with 25 cars in the train, we have +60 tons to the carrying capacity, which is especially noticeable when transporting heavy goods.
- For the transportation of grain and rolled steel in particular, you can use such innovative solutions as our partner - **Laude Smart Intermodal**, for example :

Container 20` RMCOIL

Container 20` HTSYP



## 7. Project goal

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- Shorter train length by 1 car (without net reduction of the train).
- Cheaper logistics: +2 containers (1 car) without increasing the gross train.
- Increased carrying capacity of the wagon.