



MINISTRY OF ECONOMIC
DEVELOPMENT AND DIGITALIZATION
OF THE REPUBLIC OF MOLDOVA



USAID
FROM THE AMERICAN PEOPLE

Multimodal Logistics Center Beresti Railway Terminal Ungheni

Kent Busk

Partner Seaport Group BV, Netherlands

September 17, 2024
Chisinau, Republic of Moldova



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Project: **Feasibility Study for the Development of a Multimodal Logistics
Centre at Beresti Railway Terminal in Ungheni, Republic of Moldova**

Beneficiary: **Ministry of Economic Development and Digitalization**

Contractor: **Nathan Associates, A Cadmus Company - USAID Contractor**
Moldova Institutional and Structural Reforms Activity (MISRA)

Subcontractor: **Seaport Group BV, Netherlands**

Timeline: **April - December 2024**



Beresti Railway Station

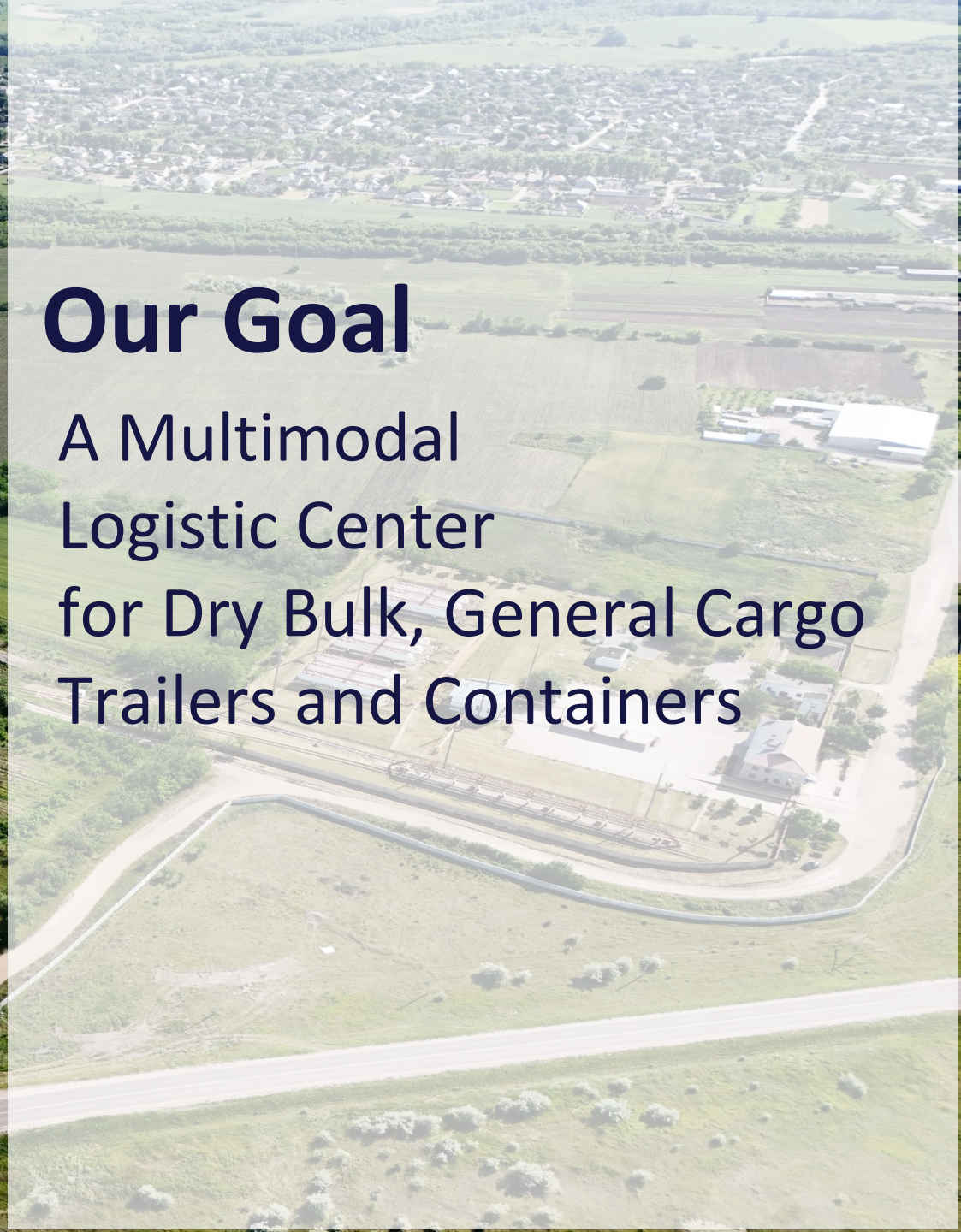
- Launched in 1960s
- Today a dedicated freight terminal
- 80 ha total area next to Ungheni
- Operated by Moldovan Railways
- Railway tracks both 1520mm (Russian) and 1435mm (EU)
- Direct connection with Romanian (EU) border





Our Goal

A Multimodal
Logistic Center
for Dry Bulk, General Cargo
Trailers and Containers





Keynotes:

**Multimodal Logistics Centre
Beresti Railway Terminal
Republic of Moldova**

Performance Indicators

- **Up to 18 hectare available**
- **Brownfield with decent soil conditions**
- **Lay new rail infrastructure on existing**
- **Rapid start-up of 1½ years**
- **Expanding with the market needs**
- **Any Cargo Mix**
- **Operations tracks (waiting and parking tracks) at Beresti central**
- **Min CAPEX for initial development**
- **Delayed CAPEX for fully build out**



Customs inspection

1 cargo shed

6 tracks of 550 – 600 m

Empty container depot

Maintenance & Repair

4 cargo sheds

Truck gate, weighbridges and inspection

Truck admin gate and truck waiting

Future with Conventional Cargo

- Main focus on Conventional Cargo
- Less focus on Intermodal Cargo

Future with Intermodal

- Main focus on Intermodal Cargo
- Less focus on Conventional Cargo

5 intermodal tracks under crane @ 550 – 600 m

2 conventional cargo tracks @ 550 – 600 m



Development Phasing



Today

- 13 parking tracks
- 2 operations and loading tracks for oil unloading facility





Phase 1 – Any Cargo Mix

- **Clear 8 hectares**
- **Pave 8 hectares with gravel**
- **Replace 3 rail tracks of 550 – 600 m**
- **700kW power connection**
- **Admin gate, security gate, 1 cargo shed, and maintenance area**






Gravel pavement is foreseen applied after 3 – 5 years when ground is stable and business model has proven itself on the market

Phase 2 – Any Cargo Mix

- Replace 1 rail track of 550 – 600 m
- Clear site from 6 old rail tracks
- Pave 1 hectare with gravel
- 2 additional cargo sheds





Heavy duty pavement
is foreseen applied over
more years

Phase 3 – Future with Intermodal

- Replace 3 rail track of 550 – 600 m
- 1 Cantilever Rail Gantry Crane
- Pave 9 hectares with gravel
- 1 additional cargo shed and customs inspection building

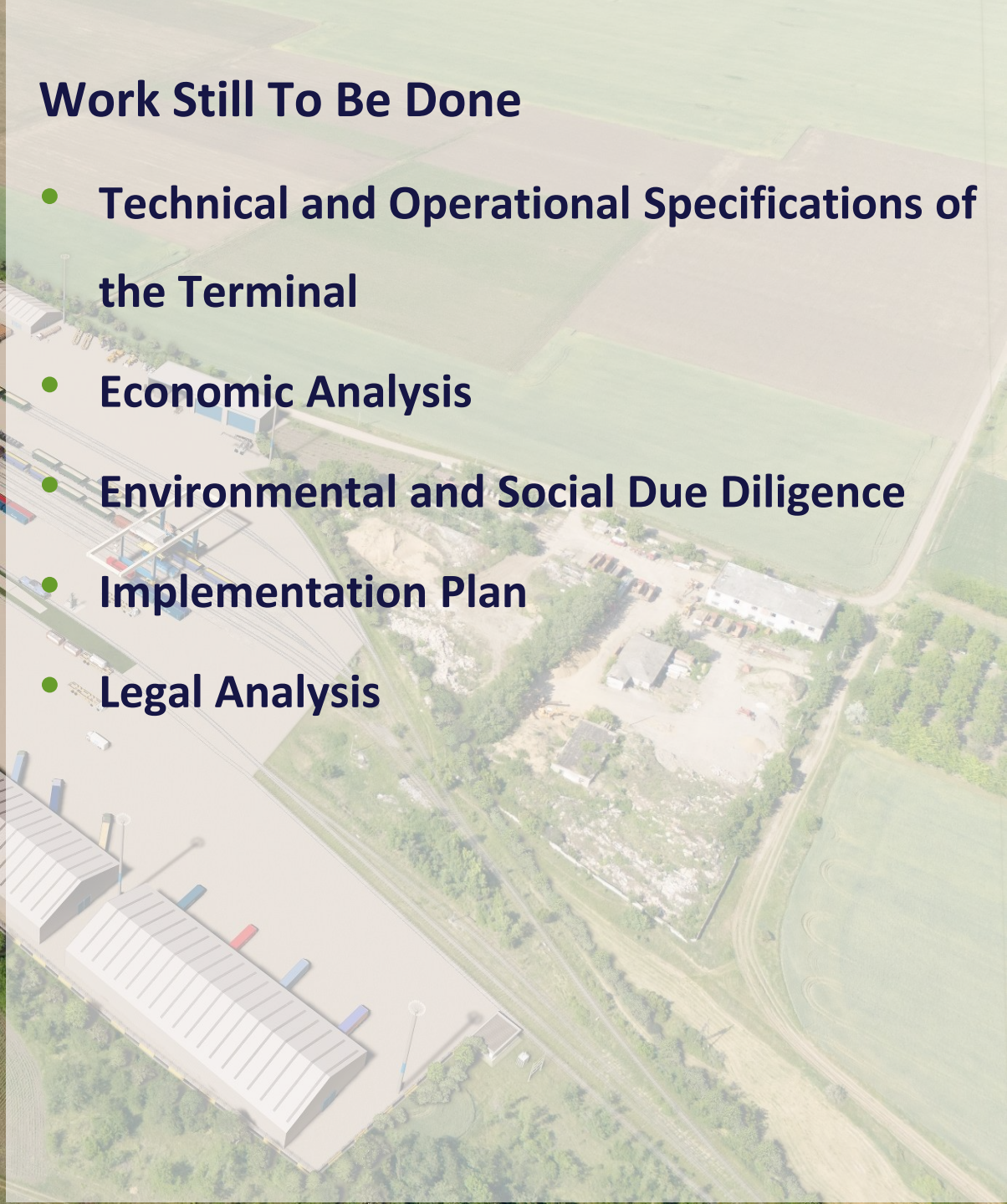
Preliminary CAPEX Elements for Start-Up of Terminal

Railway Infrastructure outside the terminal	5.9 mln. EUR
Infrastructure inside the terminal	4.7 mln. EUR
Buildings inside the terminal	3.7 mln. EUR
Power supply infrastructure	2.0 mln. EUR
Cargo handling equipment	1.0 mln. EUR
IT software and hardware	0.7 mln. EUR
Total	18.0 mln. EUR



Work Still To Be Done

- **Technical and Operational Specifications of the Terminal**
- **Economic Analysis**
- **Environmental and Social Due Diligence**
- **Implementation Plan**
- **Legal Analysis**





Thank You