

OUTPUT FACT SHEET

Pilot actions (including investment, if applicable)

Project index number and acronym	CE1455 COMODALCE
Output number and title	O.T2.1 - Pilot actions fostering coordination among multimodal freight transport stakeholders through ICT systems
Investment number and title (if applicable)	
Responsible partner (PP name and number)	LP - Port Network Authority of the Eastern Adriatic Sea
Project website	interreg-central.eu/comodalce
Delivery date	30.09.2021

Summary description of the pilot action (including investment, if applicable) explaining its experimental nature, demonstration character and transnational added value

The Port Network Authority of the Eastern Adriatic Sea and its terminal operators have been investing considerably on the rail hard and soft infrastructures and the Port of Trieste is top ranking Italian port for intermodal transport, reaching 56% of modal share for containers in 2019.

This is possible also for its catchment area, which comprises Central European markets, i.e. Austria, Germany, Slovakia, Czech Republic and Hungary. Most significantly, the Port of Trieste and the Mahart Container Center (PP10) are connected with 14 couples of train a week.

The main need tackled by the pilot action is the “Development of data received in PCS from RUs and railway stakeholders” and the “Data exchange with other foreign platform abroad of dry ports connected with railway lines with Trieste, e.g.: Furnitz, Mahart, etc.”.

Since 2017, the Port Network Authority of the Eastern Adriatic Sea (PNAEAS) has invested in the dematerialisation of train related documents developing a dedicated module to manage the procedures concerning the railway traffic in the Port Community System, PCS, “Sinfomar” and delivering a digitalized train manifest, calld CH30.

The pilot action included the exchange of the data in the CH30 between the Port of Trieste and the Mahart Container Center (PP10).

The pilot action allowed to eliminate the errors caused by the manual data entry, through the automatic exchange of the train composition for trains between the Port of Trieste and the Mahart Container Centre, automatically generating CH30 document for inbound trains.

The matching between the already implemented pre-arrival notices procedures and the train manifest received from Mahart Container Center has reduced the time required to present the CH30 to Customs in Sinfomar by almost 30%.

NUTS region(s) concerned by the pilot action (relevant NUTS level)

ITH4 - Friuli Venezia Giulia

Investment costs (EUR), if applicable

Not relevant

Expected impact and benefits of the pilot action for the concerned territory and target groups and leverage of additional funds (if applicable)

Port Network Authority of the Eastern Adriatic Sea reached the expected results, i.e. optimizing the entry/exit of trains, reducing time (-30%) and eliminate error due to manual data entry.

The pilot action has long lasting results, mainly benefiting the logistics communities of Trieste and Mahart - terminal operators, railway undertakings, freight forwarders - and the local and regional economy at large, the pilot action tool being able to be adapted to ever changing circumstances and replicable with other terminals.

Concerning leverage of additional funds, the activities implemented by the Port of Trieste were instrumental as to prepare the further enhancement of the port's PCS, whose railway component is and will be further improved in the framework of other EU projects, such as TriesteRailPort (CEF - act. 4 on ICT applied to railway activities amounts to 1 mln euros) and ACCESS2NAPA (CEF - act. 3.2 on ICT for new rail gates amounts to 500,000 euros). The total leverage funds amount to 1.500.000,00 euros.

Sustainability of the pilot action results and transferability to other territories and stakeholders

Given its successful outcome, the data exchange tool with the RRT of Mahart will continue to be used also after the project's end. Its replicability with other terminals/logistic nodes will be sought. A similar tool can be easily used also in other territories, playing a major role in optimizing the use of existing infrastructures with relatively low budget.

If applicable, contribution to/ compliance with:

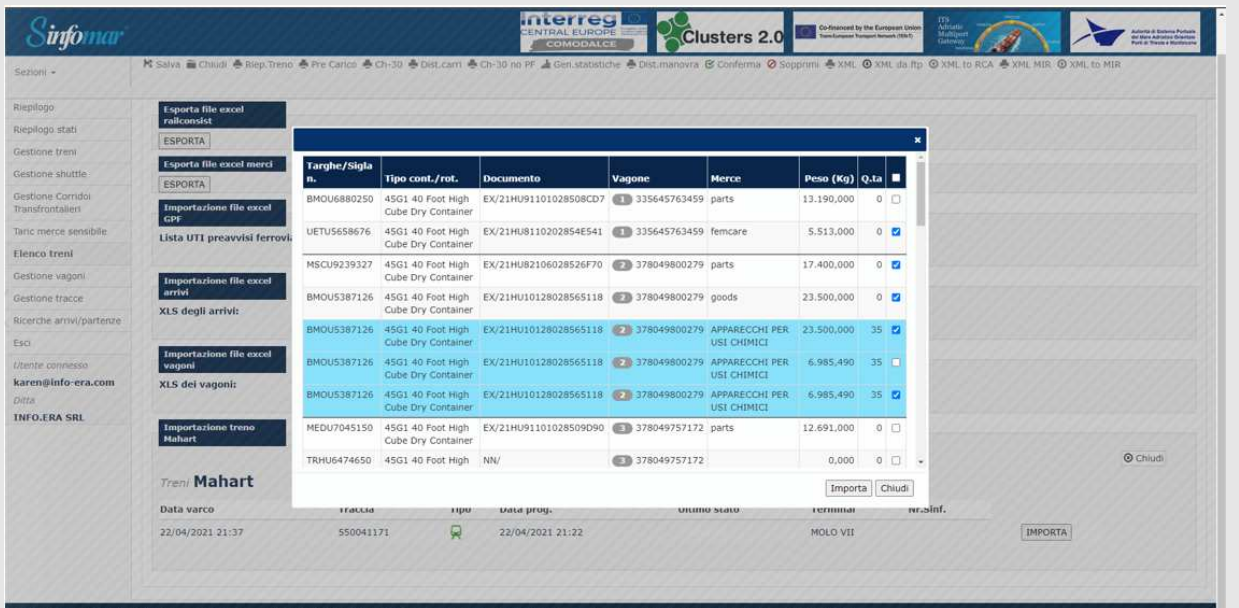
- relevant regulatory requirements
- sustainable development - environmental effects. In case of risk of negative effects, mitigation measures introduced
- horizontal principles such as equal opportunities and non-discrimination

Not applicable.

References to relevant deliverables (e.g. pilot action report, studies), investment factsheet and web-links

If applicable, additional documentation, pictures or images to be provided as annex

The output is based on the deliverable D.T2.2.2 "Pilot action final report - Port of Trieste" and it is related as well to D.T2.2.15 "Pilot action evaluation report"

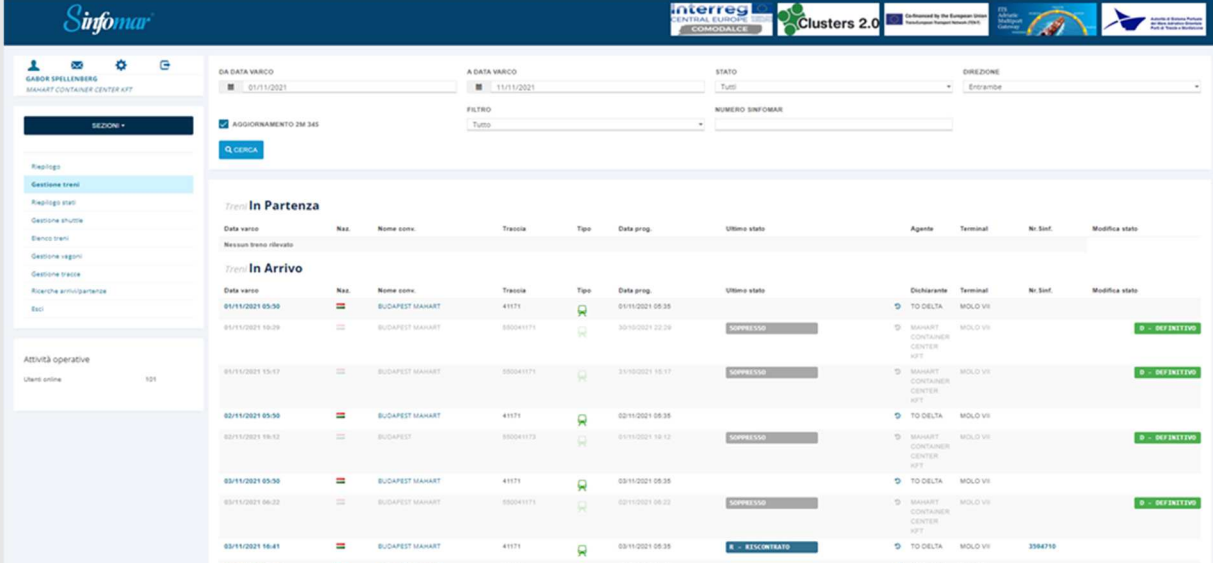


The screenshot shows the Sinfomar interface with a 'Prearrival notice matching' window open. The window displays a table of container data:

Targhe/Signa n.	Tipo cont./rot.	Documento	Vagone	Merce	Peso (Kg)	Q.ta
BMOU6880250	45G1 40 Foot High Cube Dry Container	EX/21HU91101028508CD7	335645763459	parts	13.190.000	0
UETU5658676	45G1 40 Foot High Cube Dry Container	EX/21HU8110202854E541	335645763459	femcare	5.513.000	0
MSCU9239327	45G1 40 Foot High Cube Dry Container	EX/21HU82106028526F70	378049800279	parts	17.400.000	0
BMOU5387126	45G1 40 Foot High Cube Dry Container	EX/21HU10128028565118	378049800279	goods	23.500.000	0
BMOU5387126	45G1 40 Foot High Cube Dry Container	EX/21HU10128028565118	378049800279	APPARECCHI PER USI CHIMICI	23.500.000	35
BMOU5387126	45G1 40 Foot High Cube Dry Container	EX/21HU10128028565118	378049800279	APPARECCHI PER USI CHIMICI	6.985.490	35
BMOU5387126	45G1 40 Foot High Cube Dry Container	EX/21HU10128028565118	378049800279	APPARECCHI PER USI CHIMICI	6.985.490	35
MEDU7045150	45G1 40 Foot High Cube Dry Container	EX/21HU91101028509D90	378049757172	parts	12.691.000	0
TRHU6474650	45G1 40 Foot High	NN/	378049757172		0.000	0

Below the table, the train 'Mahart' is identified with departure data: Data varco 22/04/2021 21:37, Traccia 550041171, Data prog. 22/04/2021 21:22, Ultimo stato MOLO VII, Terminal MOLO VII.

Figure 1 - Prearrival notice matching with Mahart Container Center imported data



The screenshot shows the Mahart Container Center users train dashboard in Sinfomar. It features a search filter for 'DA DATA VARCO' (01/11/2021) and 'A DATA VARCO' (11/11/2021). The dashboard is divided into 'In Partenza' and 'In Arrivo' sections. The 'In Arrivo' section displays a table of train arrivals:

Data varco	Naz.	Nome cont.	Traccia	Tip.	Data prog.	Ultimo stato	Agente	Terminal	Ni. Sinf.	Modifica stato
01/11/2021 05:50	HU	BUDAPEST MAHART	41171		01/11/2021 05:38		TO DELTA	MOLO VII		
01/11/2021 10:29	HU	BUDAPEST MAHART	550041171		30/10/2021 22:29	SOPRESO	MAHART CONTAINER CENTER HPT	MOLO VII		DEFINITIVO
01/11/2021 05:57	HU	BUDAPEST MAHART	550041171		31/10/2021 16:17	SOPRESO	MAHART CONTAINER CENTER HPT	MOLO VII		DEFINITIVO
02/11/2021 05:58	HU	BUDAPEST MAHART	41171		02/11/2021 05:38		TO DELTA	MOLO VII		
02/11/2021 16:52	HU	BUDAPEST	550041172		01/11/2021 16:52	SOPRESO	MAHART CONTAINER CENTER HPT	MOLO VII		DEFINITIVO
03/11/2021 05:58	HU	BUDAPEST MAHART	41171		03/11/2021 05:38		TO DELTA	MOLO VII		
03/11/2021 06:22	HU	BUDAPEST MAHART	550041171		02/11/2021 06:22	SOPRESO	MAHART CONTAINER CENTER HPT	MOLO VII		DEFINITIVO
03/11/2021 16:41	HU	BUDAPEST MAHART	41171		03/11/2021 05:38	RECUPERATO	TO DELTA	MOLO VII	3384710	
04/11/2021 05:50	HU	BUDAPEST MAHART	41171		04/11/2021 05:38		TO DELTA	MOLO VII		

Figure 2 - Mahart Container Center users train dashboard in Sinfomar