



Digitalizzazione ed equità sul mercato

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THE VISION OF CLUSTERS 2.0



COORDINATION

Enhancing and advancing towards a better co-ordination between logistics actors in clusters



CONNECTIVITY

Improving coordination and connectivity between European logistics clusters



OPENNESS

Making optimal use of an Open Network of Logistics Clusters

Increase of activities implemented by terminal operators to manage PTN and related ICT solutions.

+12,5%

Decrease of energy emissions in door-to-door selected connections centered on cluster terminals.

-24,8%

Increase intermodal split in door-to-door selected connections centred on cluster terminals.

+30%

WHAT IS CLUSTERS 2.0 PROVIDING?



LOGISTICS SOLUTIONS

Innovations and solutions for a more efficient and more sustainable logistics.



ASSET MANAGEMENT

Optimized handover and asset management through real time services at depots and terminals



GOVERNANCE MODELS

Newly developed governance models introducing the role of a neutral agent forming the basis for new business model



REGULATIONS

Regulation and policy enhancing the set-up of collaborative cluster environments

- **Unità di carico:** nel progetto europeo CLUSTERS 2.0 è stata avviata la sperimentazione delle NMLU (New Modular Loading Unit), con l'obiettivo di «unitizzare» il trasporto di merce in pallet e facilitare il carico/scarico



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723265.



- **Transshipment:** «superata» la Ro.La. (che resiste solo in caso di pesanti restrizioni al traffico) il presente sono i sistemi di trasbordo per semirimorchi «non-cranabile» (il 90% del totale circolante in Europa)
- *In funzione in alcuni terminal in Germania e Austria*



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Origin



12 Oct 2020

Destination



Arrival date

Sort

- ☒ Minimal CO₂ emission
- ☐ Minimal transfers
- ☐ Earliest arrival
- ☐ Shortest lead time

Modalities



☒ Sea



☒ Rail



☒ Barge



☒ Truck

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