



**AGENZIA
DOGANE
MONOPOLI**



Connecting EU - Insights

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Who I am...



Danilo Bottone

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-
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-
**Italian Customs and
Monopolies Agency (ADM)**



Responsible for programs and projects concerning the revision of the organizational processes of the Agency with a view to:



Transition to digital procedures



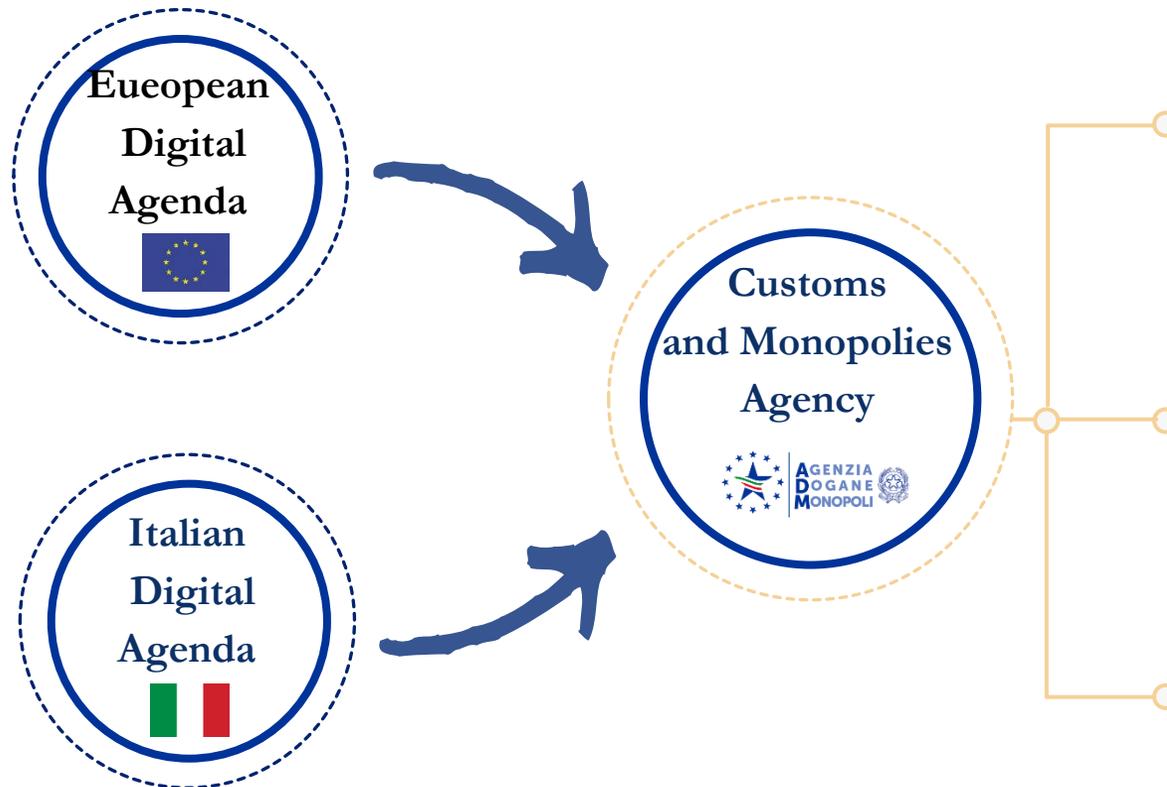
Research and Innovation



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ADM - Digital Transformation

Italian Customs and Monopolies Agency, in line with the objectives of the European Digital Agenda and the Italian Digital Agenda, has launched a Digital Transformation path in order to enhance ICT technologies to promote innovation, progress and economic growth in the customs field



Digitalization of administrative/customs and control processes



Introduction of advanced technologies (i.e. IoT) to evolve the current application park and infrastructure



Regulatory adjustments to develop initiatives to economic operators



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Scope of Digital Transformation

For the relaunch of the competitiveness of the national port and logistics system, the Digital Transformation path started by ADM is based on digital innovation to simplify customs processes and increase the security of freight transport.

The **main** objectives of Digital Transformation include :



Optimization of the logistic/port cycle: simplification of the import/export cycle, automation in goods transport and electronic monitoring of goods



Recovery of efficiency for economic operators: reduction of costs and time for the handling of goods and administrative/customs requirements



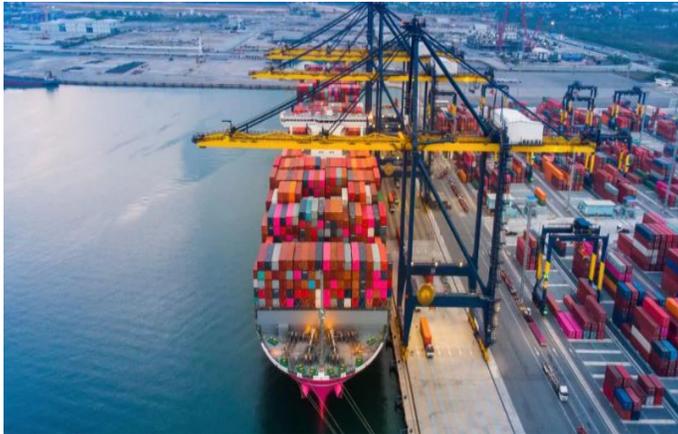
Digitization in the interchange of transport documents: better overall data quality and immediate availability of "certified" data from intelligent systems (B.I.).



Environmental benefits: reduction of CO2 emissions (reduction of the time ships stop at the quayside) and reduction of km travelled by polluting vehicles inside the port.

The Digital Transformation path of the Agency in the field of logistics / port, is enhanced by the implementation of the following project initiatives.

Smart Terminal



I RAIL



Port Tracking



Description

The project, followed in collaboration with the competent Port System Authority (AdSP), is aimed at digitizing the customs procedures of embarkation/disembarkation, entry/exit from port nodes and the payment of taxes.

The full realization of the project allows to integrate the offer of customs and maritime services according to the "ONCE" principle (one shipment, one control), with advantages for the economic operators and reduction of obligations for road transport.

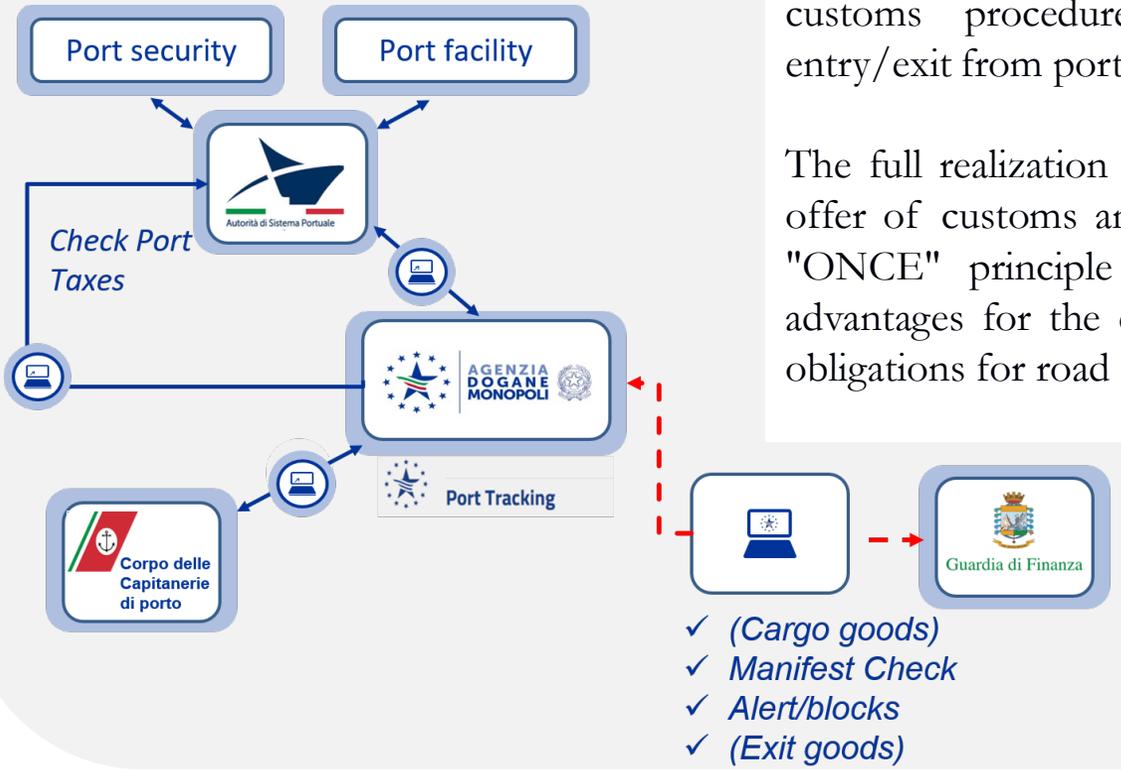
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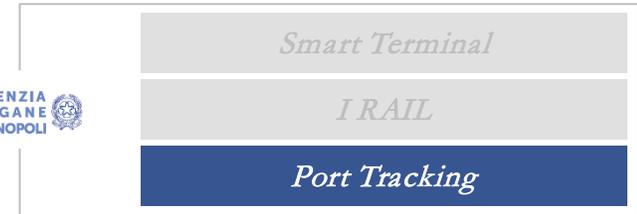
Concluded:
Released the system at the South Adriatic Sea Port System Authority, project located in Bari (pilot project).

Benefits

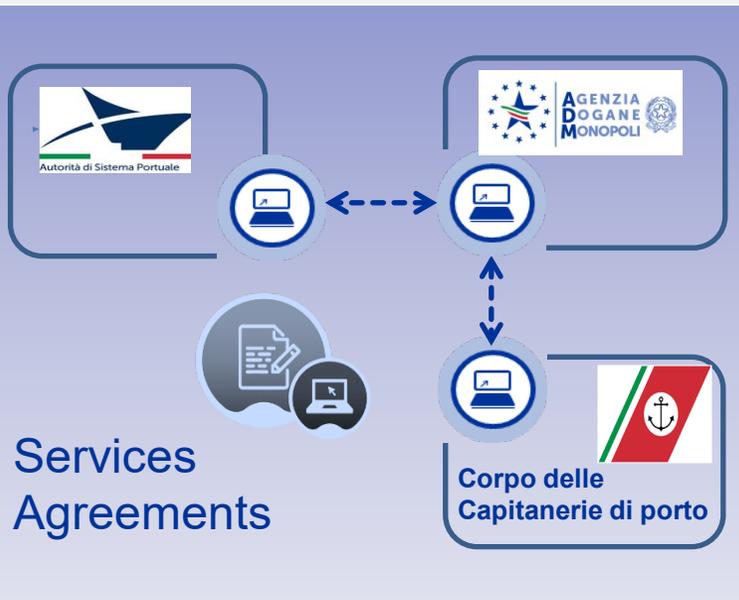
- **Electronic tracking** of vehicles and goods passing through port areas
- **Real time monitoring** of customs/administrative obligations

Port Tracking





Port Tracking



Interoperability Features

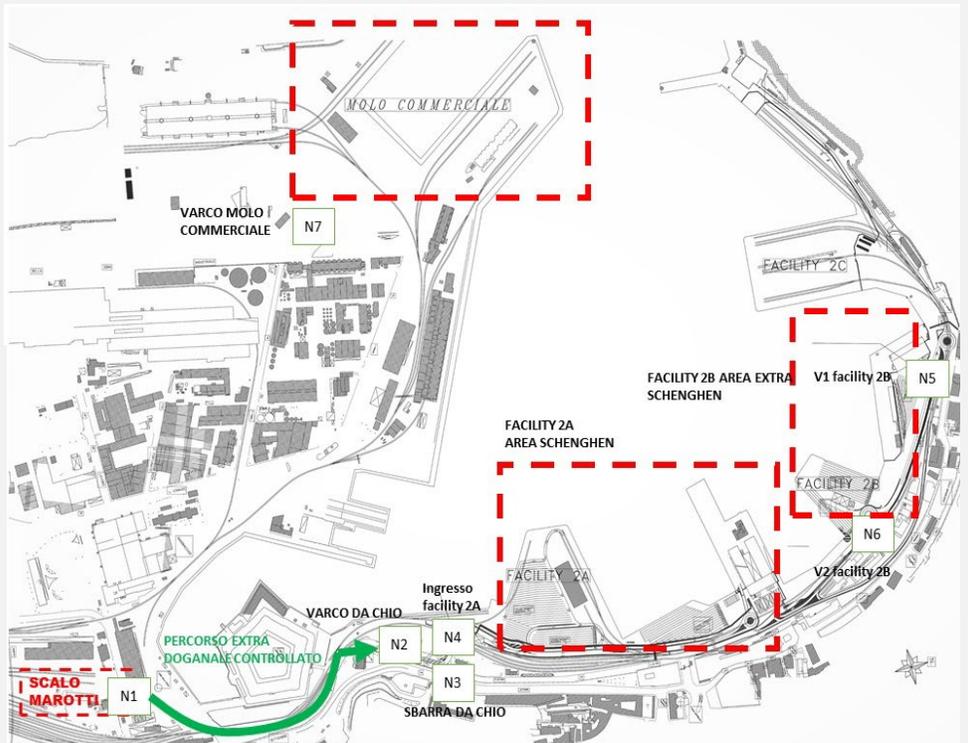
Technical specification to implement the data interoperability (ref. AgID)

- Security channel
- Security of transation
- Authorization/Authentication system
- Log Tracking

Web services without Domain Gateway
(Use case citate by AgID)

Standard Services Agreements
ADM/AdSP/Capitanerie

Ancona Interested Areas





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Conclusions

The Agency's investments in digital innovation, consistent with the 4.0. industry and logistics scenario, make it possible to strengthen Italy's role in the entire multimodal logistics chain and achieve the following medium-long term goals:

Ability to attract new economic operators, exploiting the competitive advantage on Mediterranean maritime traffic (container and RO-RO)



Development of a network of productive companies, economic operators, bodies and institutions, properly interconnected with each other, with an impact on the whole national and European economic reality.



Strengthening the fight against fraud through the digitization of customs procedures and electronic tracking of goods



Strengthening the reputation and recognition of the Agency at national and international level ensuring high level of services for economic operators

