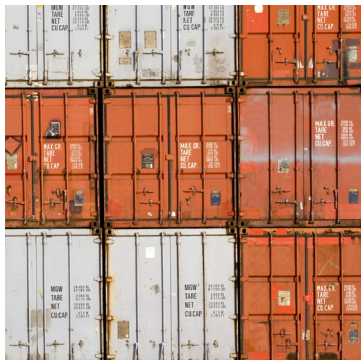**Reference:** FP7-SEC-2013-1
Project Number: 603993
Funding body: European Commission, 7th Framework Programme
Type of Funding: Public
Start date: 01/05/2014
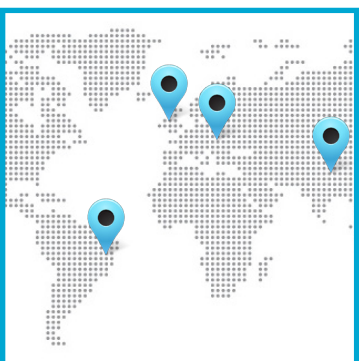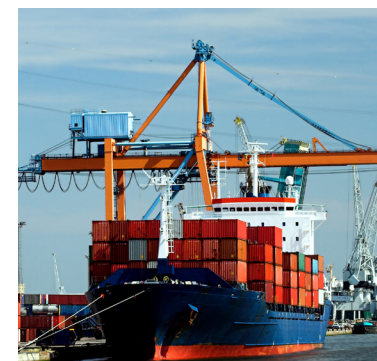**End date:** 30/04/2018
Duration: 4 years

The CORE-project

The CORE project is **the flagship supply chain management and supply chain security project** co-funded by the European Commission.

CORE aims to enhance the efficiency, speed and reliability of legitimate trade and logistics whilst enhancing the effectiveness of supervising global trade and safeguarding the supply chain security and other societal challenges related to global trade and logistics.

Core aims to achieve both business driven objectives and societal objectives related to global trade and logistics simultaneously. Business objectives focus on the realization of lean, agile, resilient, sustainable, compliant and trusted and supply chains.

Societal objectives focus on enhanced supply chain security levels and safeguarding society against illegitimate trade and criminal threats associated with international trade and logistics.

CORE
Consistently Optimised Resilient Secure Global Supply-Chains
www.coreproject.eu

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The CORE-Vision

CORE will demonstrate how **a powerful and innovative Consistently Optimised REsilient ecosystem** implementation, integrating interoperability, security, resilience and real-time optimisation can produce cost effective, fast and robust solutions that will guarantee the efficient and secure transit of goods through the worldwide Global Supply Chain system.

CORE will show how protecting and securing the Global Supply Chain, and reducing its vulnerability to disruption (whether caused by natural disasters, terrorism or other forms of undesirable or illegal activity), can be done while guaranteeing the promotion of a timely and efficient flow of legitimate commerce through the European Union (EU) and other nations around the world.

CORE will demonstrate that this can be done while at the same time offering tangible benefits to involved stakeholders (transaction, transport, regulatory and financial operators), thus facilitating its adoption by commercial entities.

The CORE Demonstrators

The CORE Demonstrators will validate the applicability and benefits of the CORE approach in **representative operating scenarios characteristic of the global supply chain.**

They will specifically show the way towards a Global Secure Supply Chain. The overriding goal is to demonstrate substantial gains in security and facilitation covering every major facet of the supply chain security sector.

	CORE Concepts	CORE Innovation Priorities
CUSTOMS FREIGHT DATA	System Based supervision	Source data capturing Optional multiple filing Trusted tradelane sup.
	Co-ordinated Border Management	Trade Facilitation Dashboard
COLLATERAL BENEFITS	Visibility	Track and Trace for Supply Chain monitoring Supply Chain Awareness Global Supply Chain Visibility tool
	Supply Chain Risk Management	Multi-method Threat and vulnerability analysis Chain control application guide Threat Risk Mitigation
	Resilience	Cyber Range and Training Environment Risk-Intelligent Supply Chain Simulator Multi-objective supply chain scheduling tool (lean, agile, real-time, green and optimised)
DATA COLLECTION/ DISTRIBUTION	Interoperability	Ontologies Ecosystem Pipelines Governance
	Security technologies	Scanning Composite container Dangerous Tracking