PORTCDM

PORTCDM
PRACTICAL USE, GOVERNANCE AND STANDARDS

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RISE VIKTORIA

Session during e-Nav Underway International
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- Event Code: **8519**

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The results of the first poll

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SHIPS AND PORTS NEED TO BE CONNECTED!

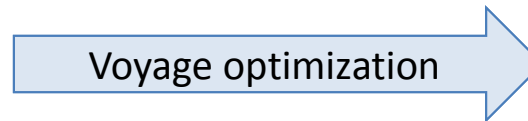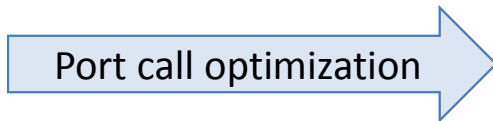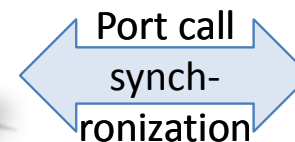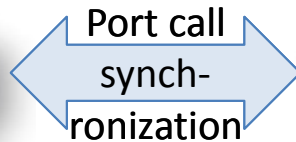Enabling connectivity to hinterland for sustainable transport systems

Enabling connectivity to hinterland for sustainable transport systems

Connected ports
(origin)

Connected ships

Connected ports
(destination)

Port call synch-ronization

Port call synch-ronization

Port call optimization

Voyage optimization

Port call optimization

Port-to-port collaboration (optimization and synchronization)

STM
SEA TRAFFIC MANAGEMENT

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RI.SE
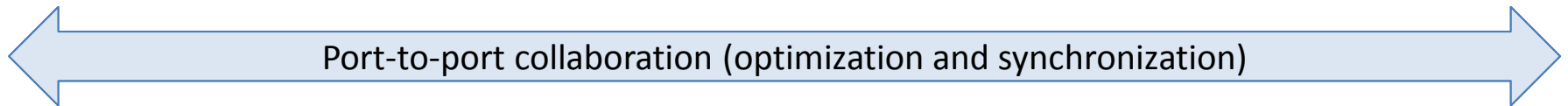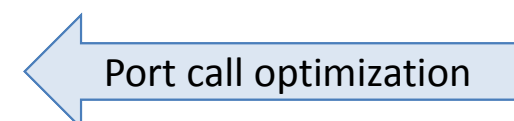
PortCDM: Inter-operable concept for sharing time stamps

Shipping ERP

TOS

PMS

FOC

Ship ECDIS

VTMIS

NSW

Service provider's system

Hinterland operator's system

PortCDM information service system

Previous / next port

Port Community Systems (PCS)

AIS
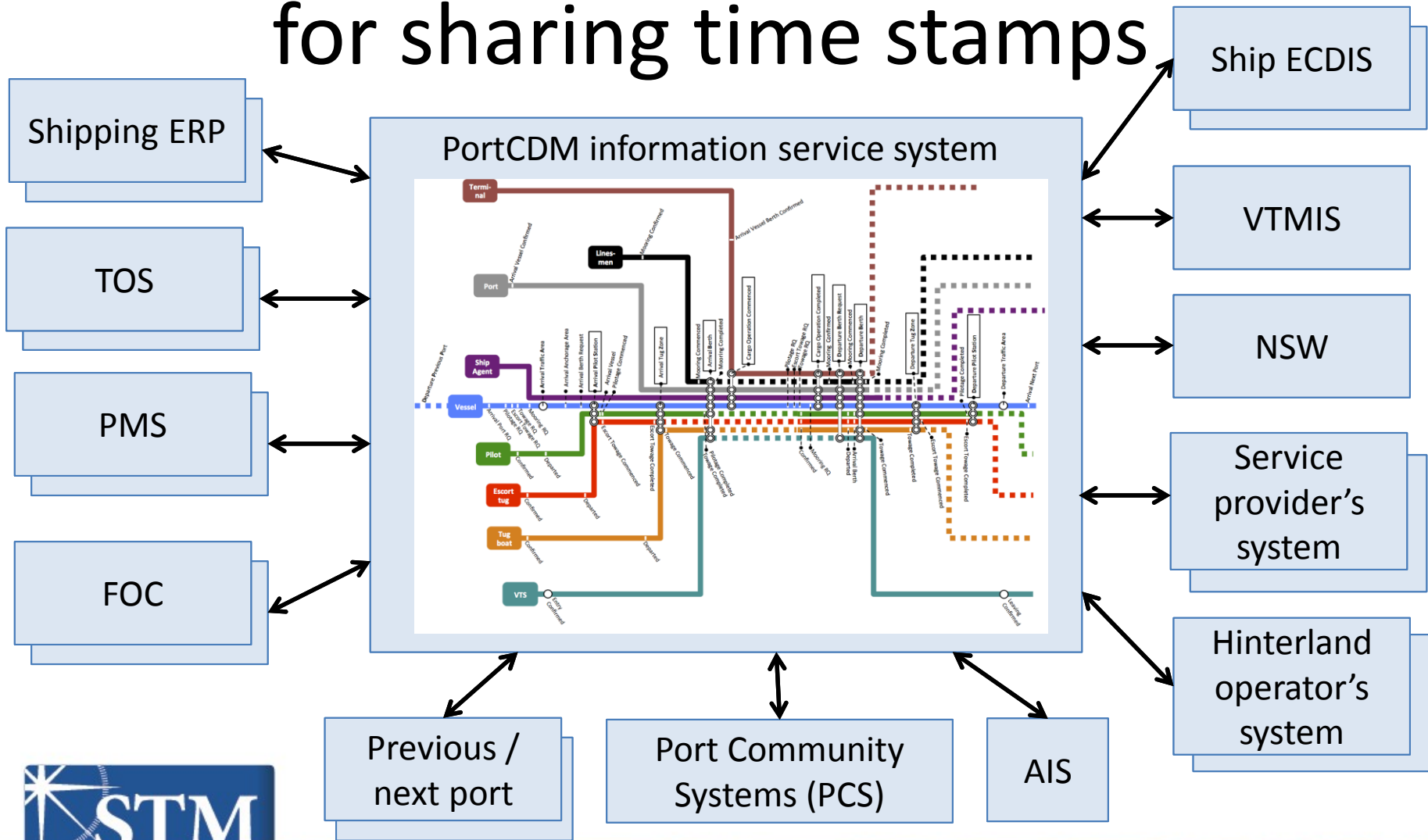
Infrastructure Layer Model
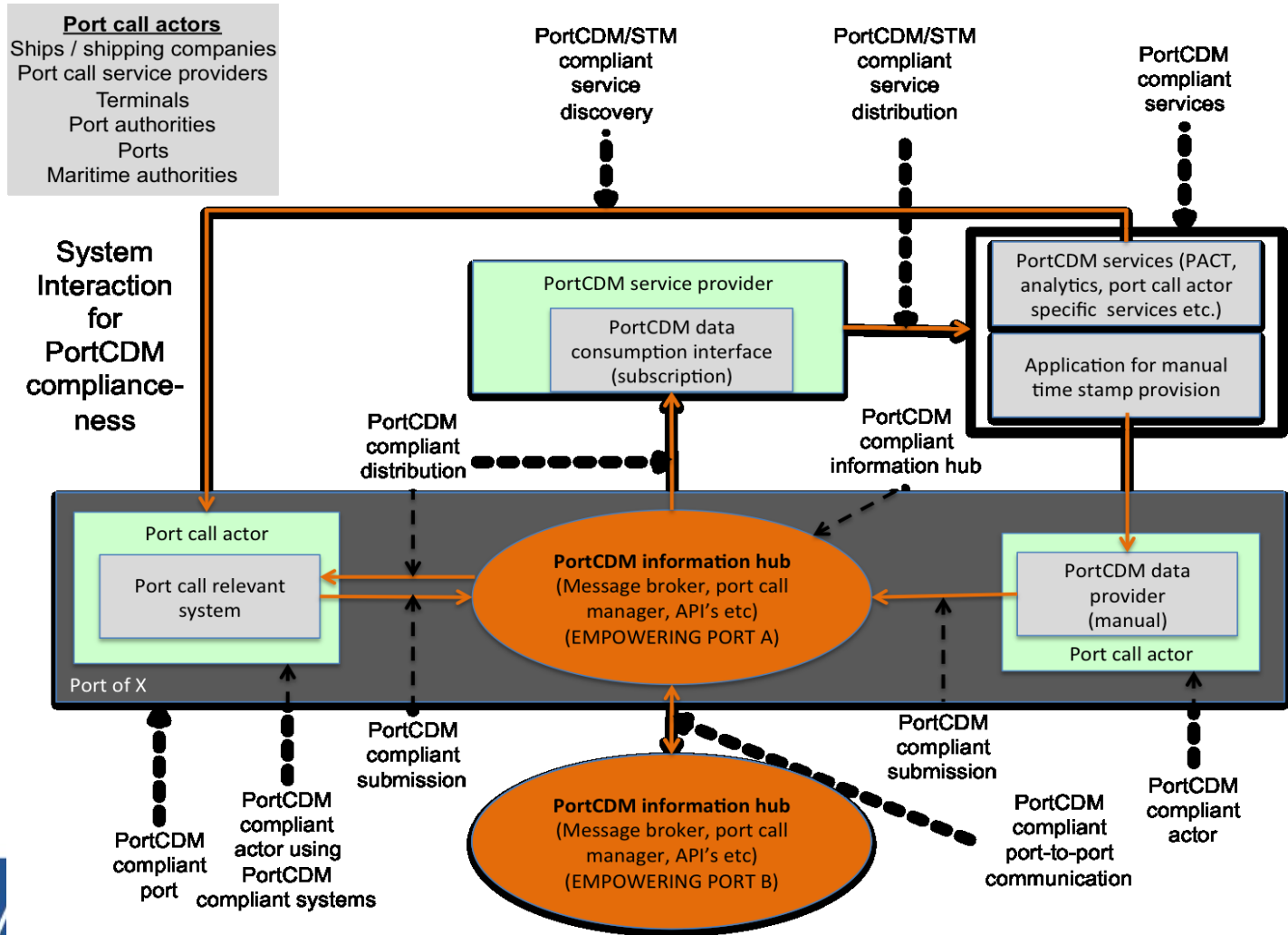
Towards common instant information sharing

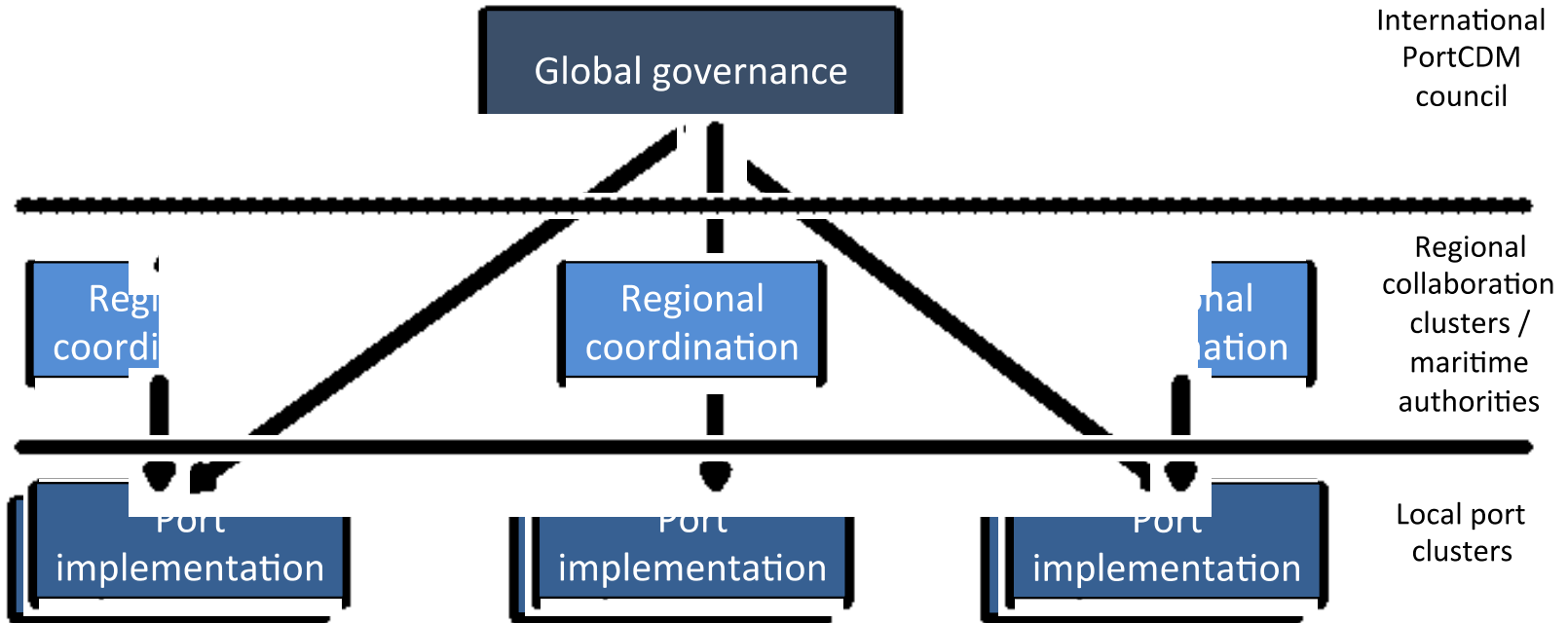# PortCDM governance

International PortCDM council

Global governance

Regional collaboration clusters / maritime authorities

Regional coordination

Regional coordination

Regional coordination

Local port clusters

Port implementation

Port implementation

Port implementation

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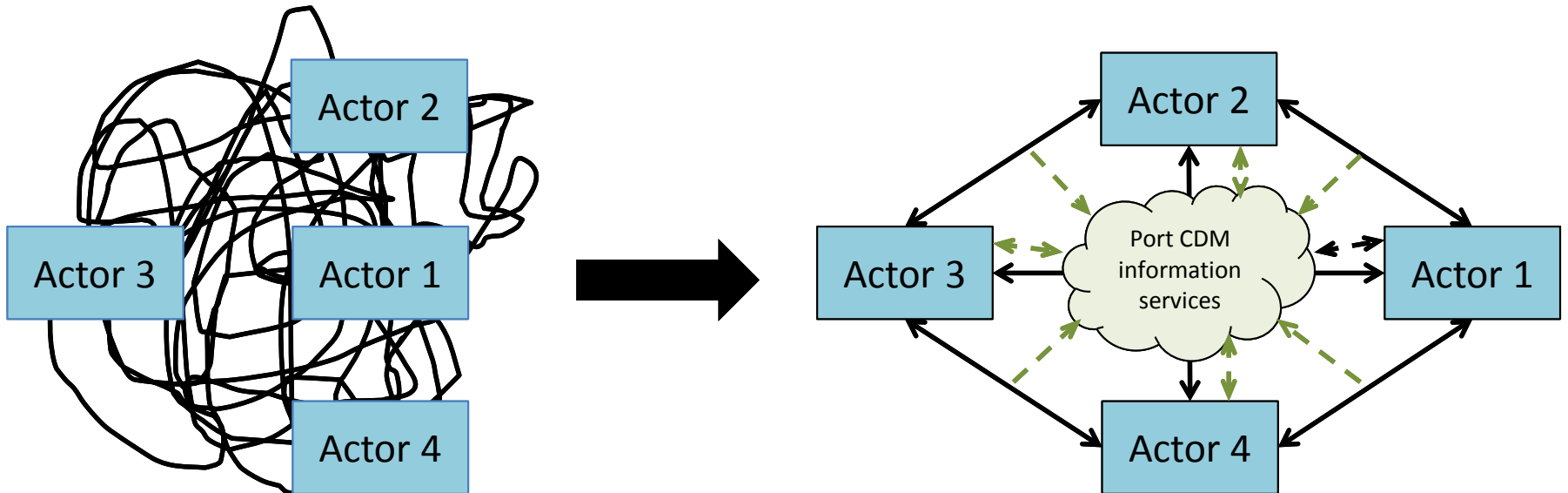
The role of the PortCDM Council

Guiding principles

Organization

Tools & support

Basis for the PortCDM council

Governance

Certification (for issuing of compliance of solutions)

Membership management and growth

Federative recruitment of actors

Maintenance and development of standards

Dissemination and Best Practice distribution

Quality Assurance (Concept)

Tasks for the PortCDM council

Coordinated **use** and **development** of the digitized port in context

Common goals (and KPI's)

Objective for the PortCDM council

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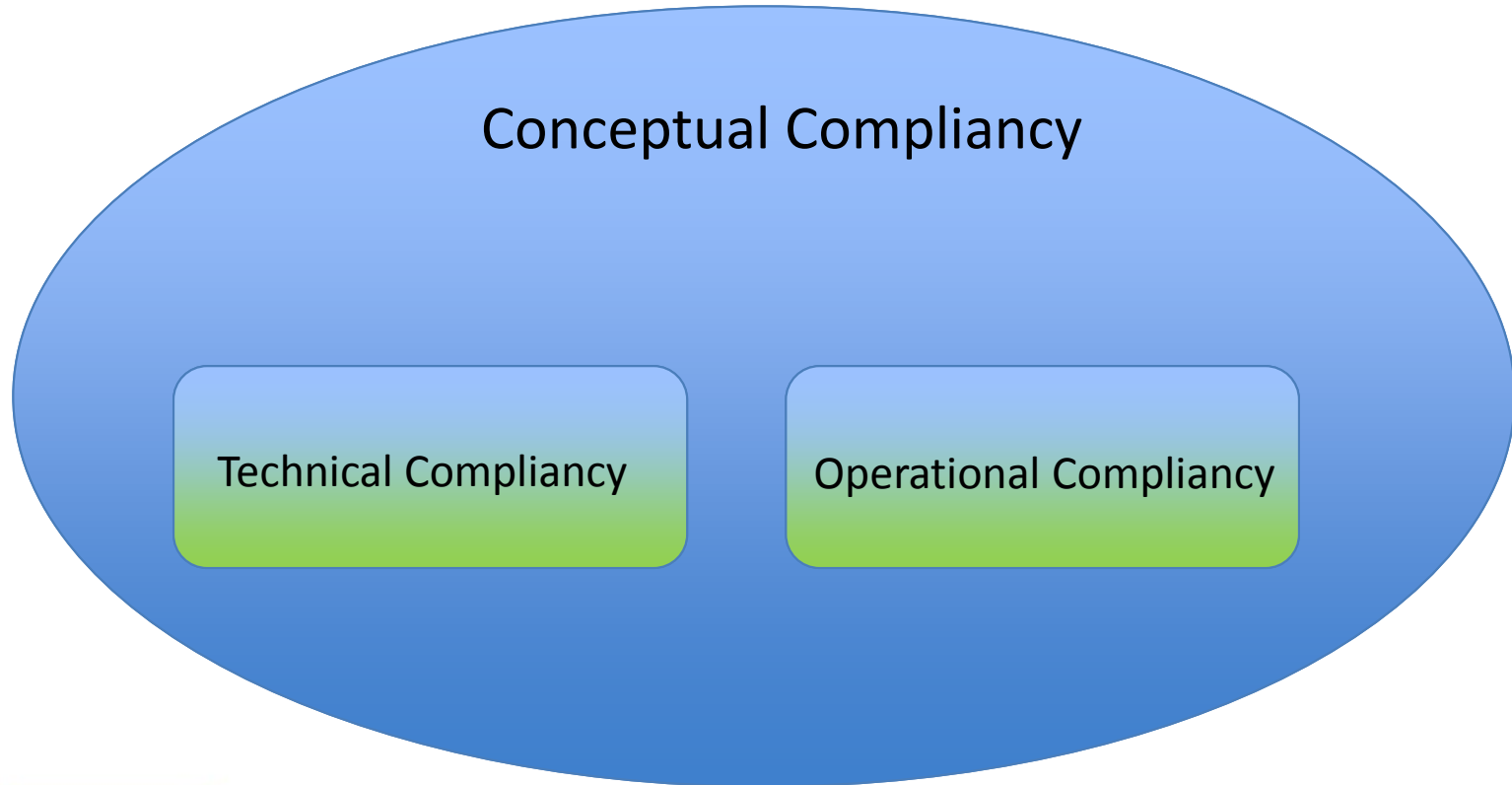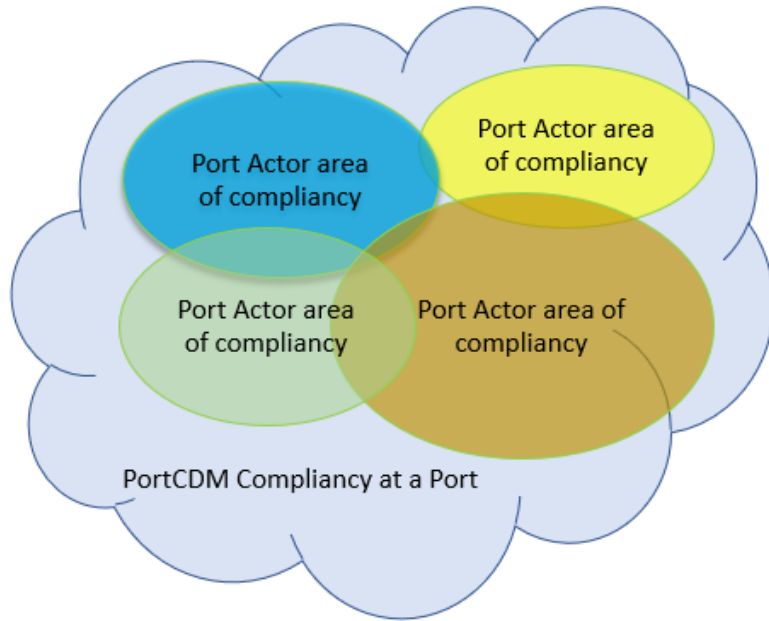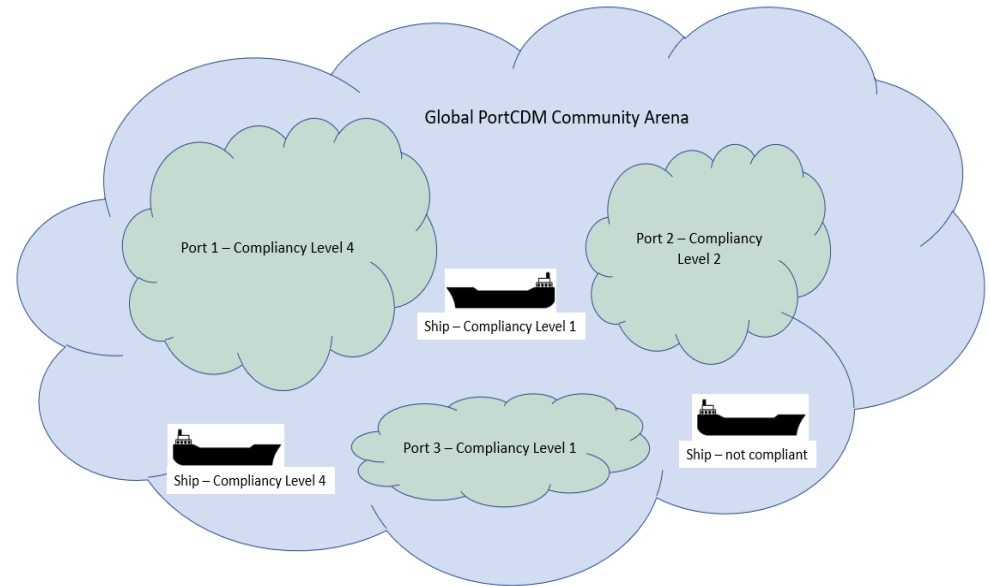Connecting Europe Facility

Compliancy Aspects

Compliancy

Vertical Compliancy Levels
– Within a Port

Horizontal Compliancy Levels
– Between Ports globally

Next Steps in PortCDM

- Developing Compliancy Documents and adopting it in International PortCDM Council

- Developing S-2xx for PCMF and get it endorsed by IALA and referenced by IEC

- Establishing Regional and/or national coordination clusters

- Certify PortCDM systems (compliancy acceptance)

- Establish PortCDM in key ports

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THINK DIFFERENT

MAKE THINGS HAPPEN

MAKE A DIFFERENCE

For questions do not hesitate to contact:

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