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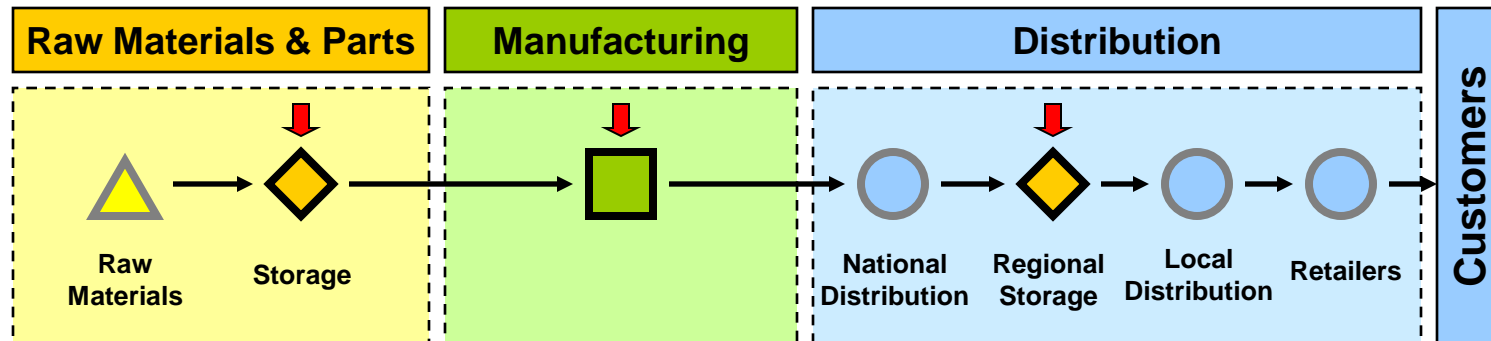
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GLOBAL SUPPLY CHAINS, LOGISTICS CLUSTERS AND ECONOMIC GROWTH : WHAT COULD IT MEAN TO CARIBBEAN TERRITORIES ?

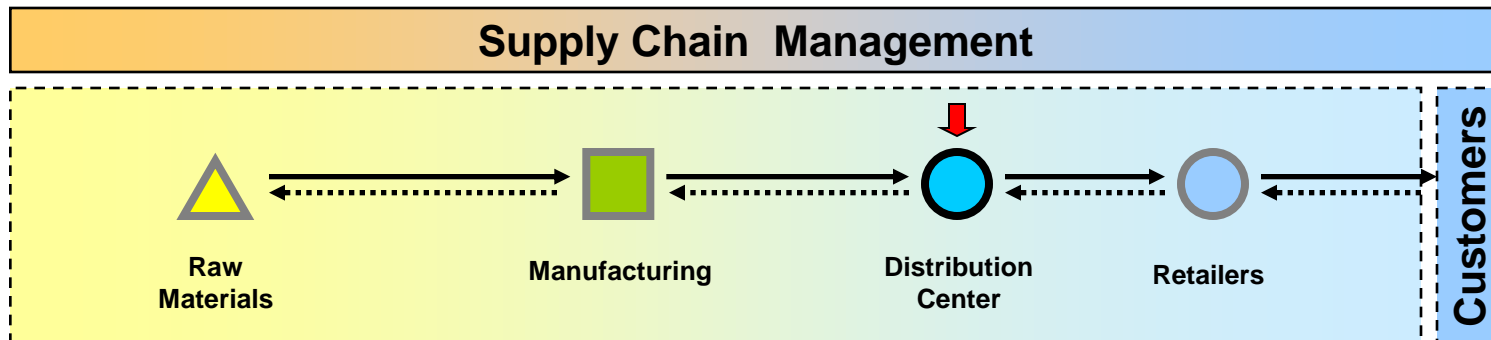


FROM FRAGMENTED TO INTEGRATED FLOWS MANAGEMENT

Conventional



Contemporary



→ Material flow (delivery)

..... Information flow (order)

↓ Core component

WHAT IS AN INDUSTRY CLUSTER?

“A cluster is a geographically proximate group of interconnected companies and associated institutions in a particular field, linked by commonalities and complementarities.”

MP.

Christian Ketels, one of Porter’s students, adds the idea of interdependency
(The Development of the cluster concept, 2003)

Clusters are groups of companies and institutions co-located in a specific geographic region and linked by interdependencies in providing a related group of products and/or services.

ADVANTAGES OF NETWORKING AND INTEGRATION PROCESS INSIDE A TERRITORY



- Having a concentration of people working on similar problems in the same location speed knowledge and innovation process
- People run into one another in hallways, cafés, and train stations, during these encounters they exchange ideas
- The collaboration and inspiration needed for the emergence of innovation are much easier on the ground than via internet

CLUSTERS AND COMPETITIVE ADVANTAGE

Productivity

- Efficient access to information, specialized inputs and employees, institutions, and “public goods”
- Achieving complementarities across business
- Better incentives and performance measurement

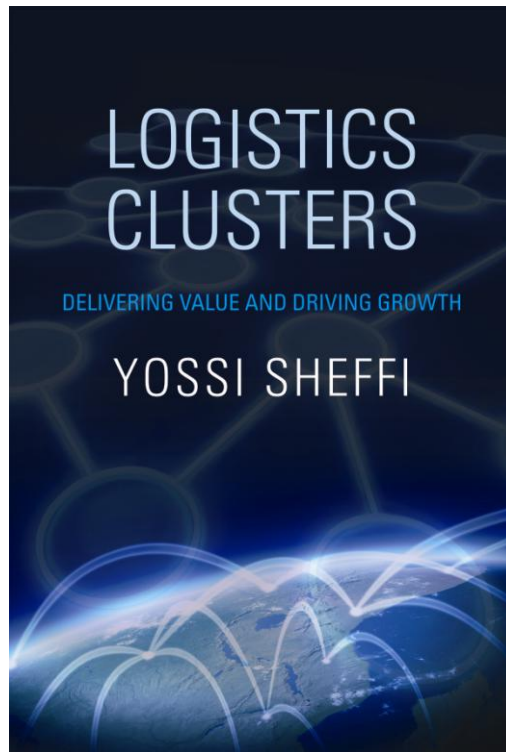


Innovation

- Ability to perceive and respond to innovation opportunities
- Rapid diffusion of improvements



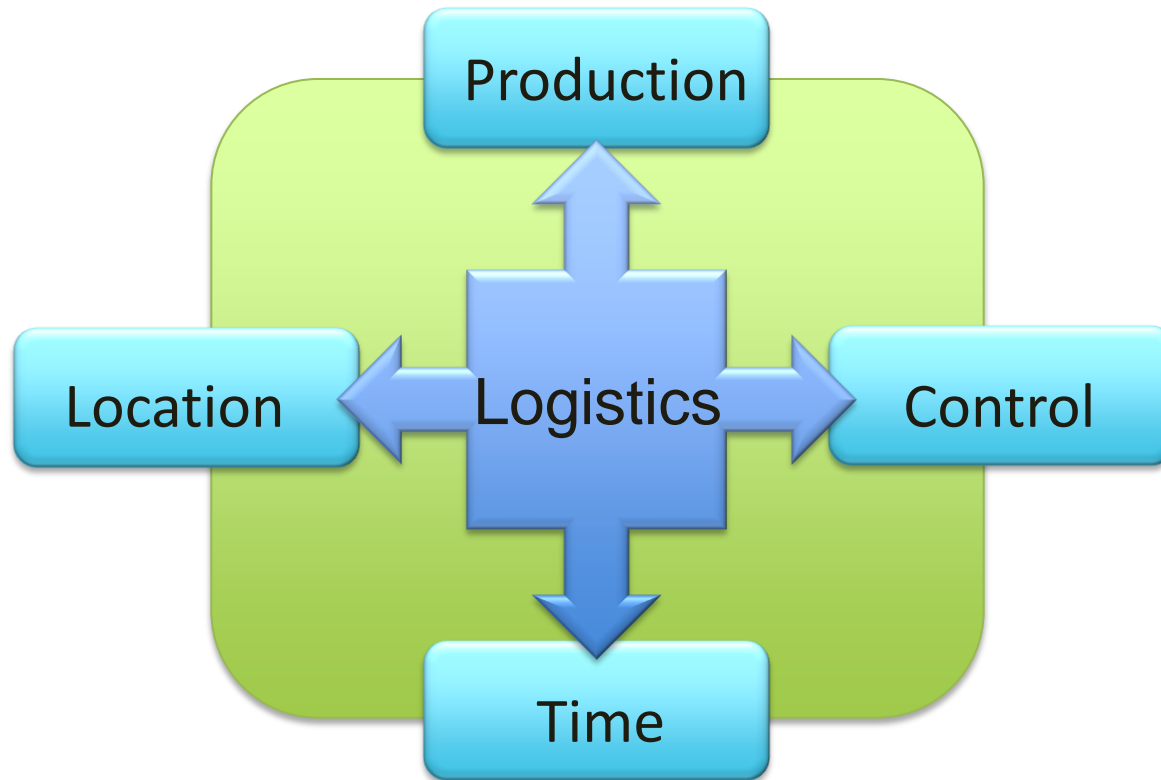
LOGISTICS CLUSTERS DEFINITION



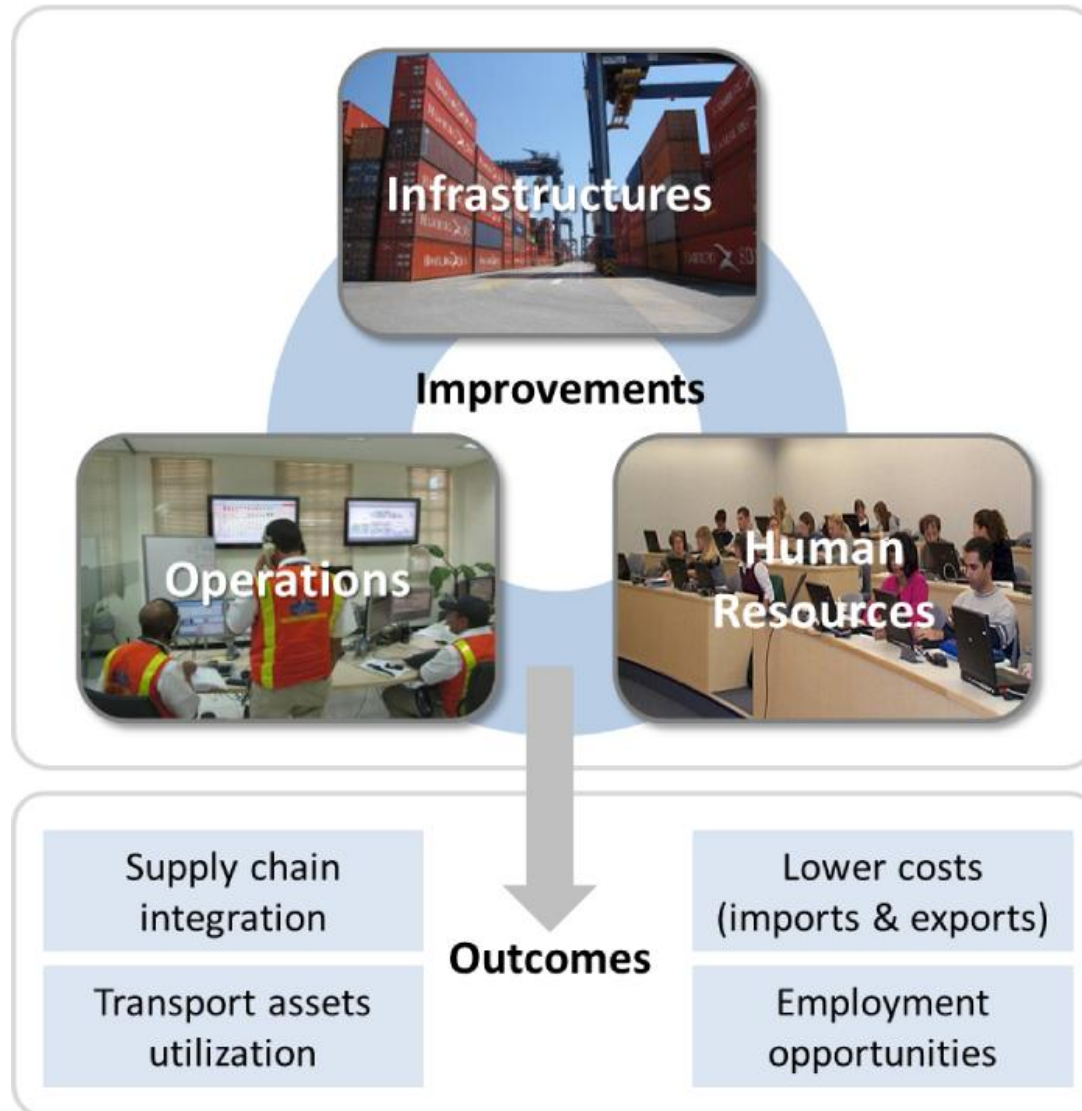
“A region with a very high concentration of logistics activities relative to the local population or economy”.

Sheffi, Y. (2012, p. 78)

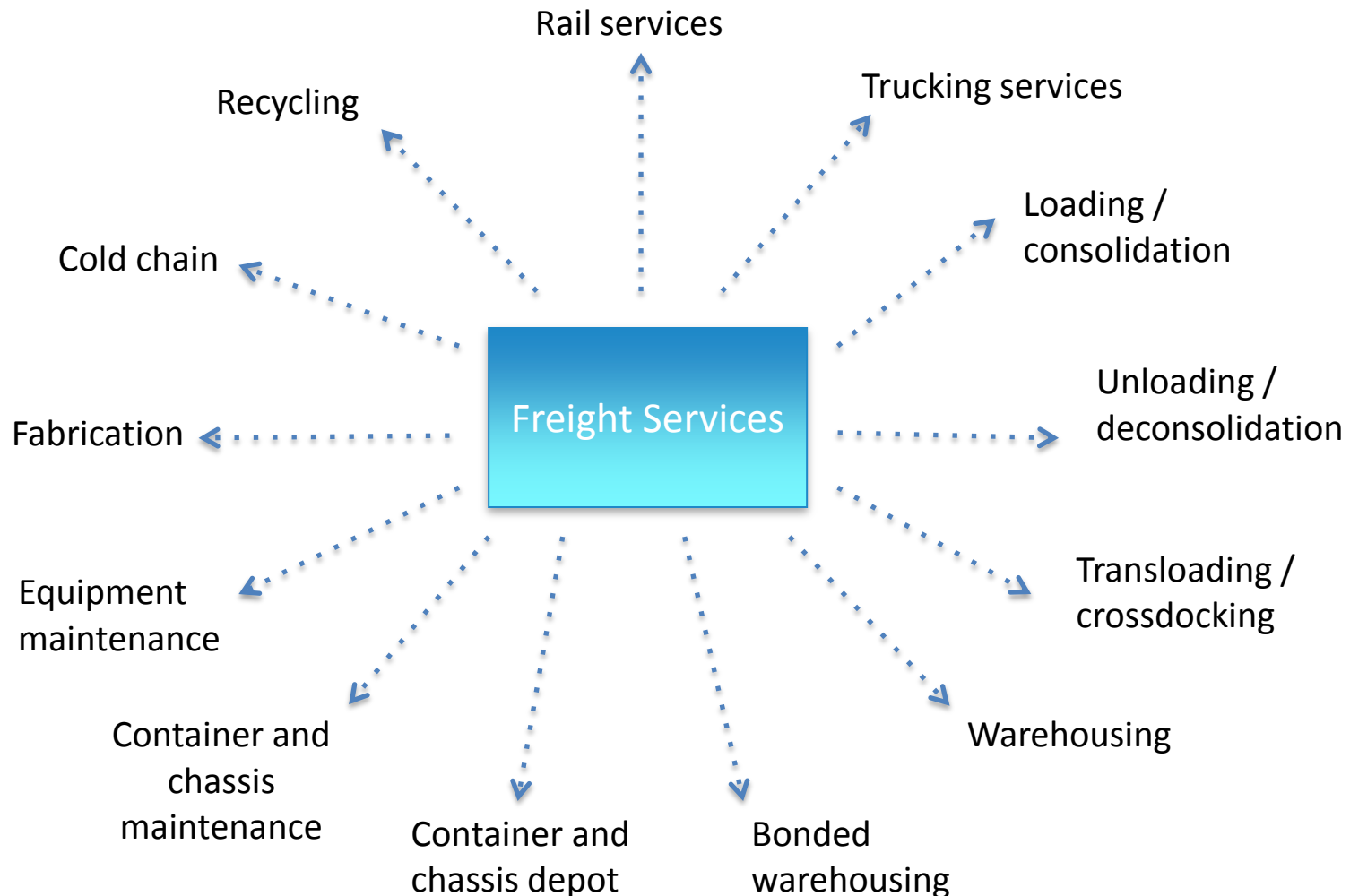
VALUE-ADDED FUNCTIONS OF LOGISTICS



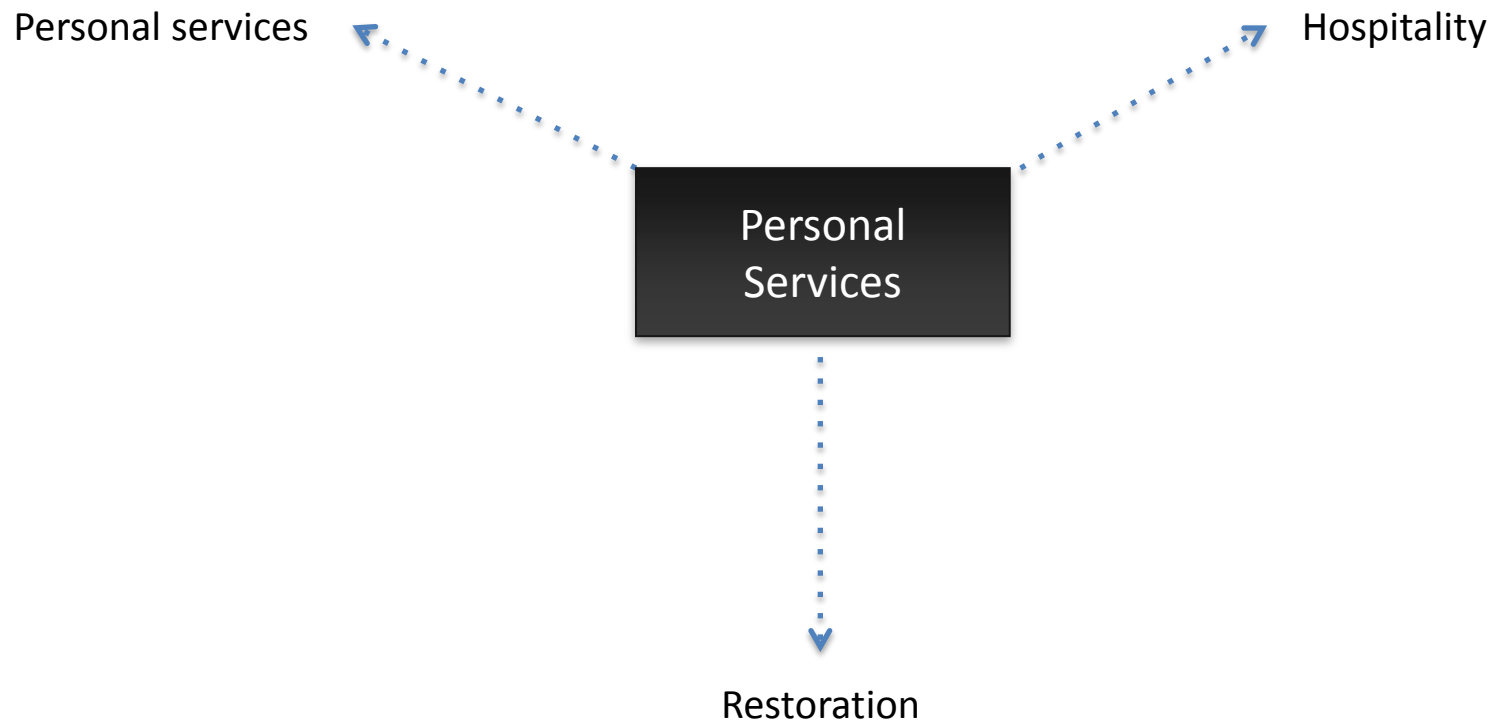
THE 3 PILARS OF LOGISTICS CLUSTERS



ARRAY OF SERVICES MIGHT FIND INSIDE LOGISTICS CLUSTERS







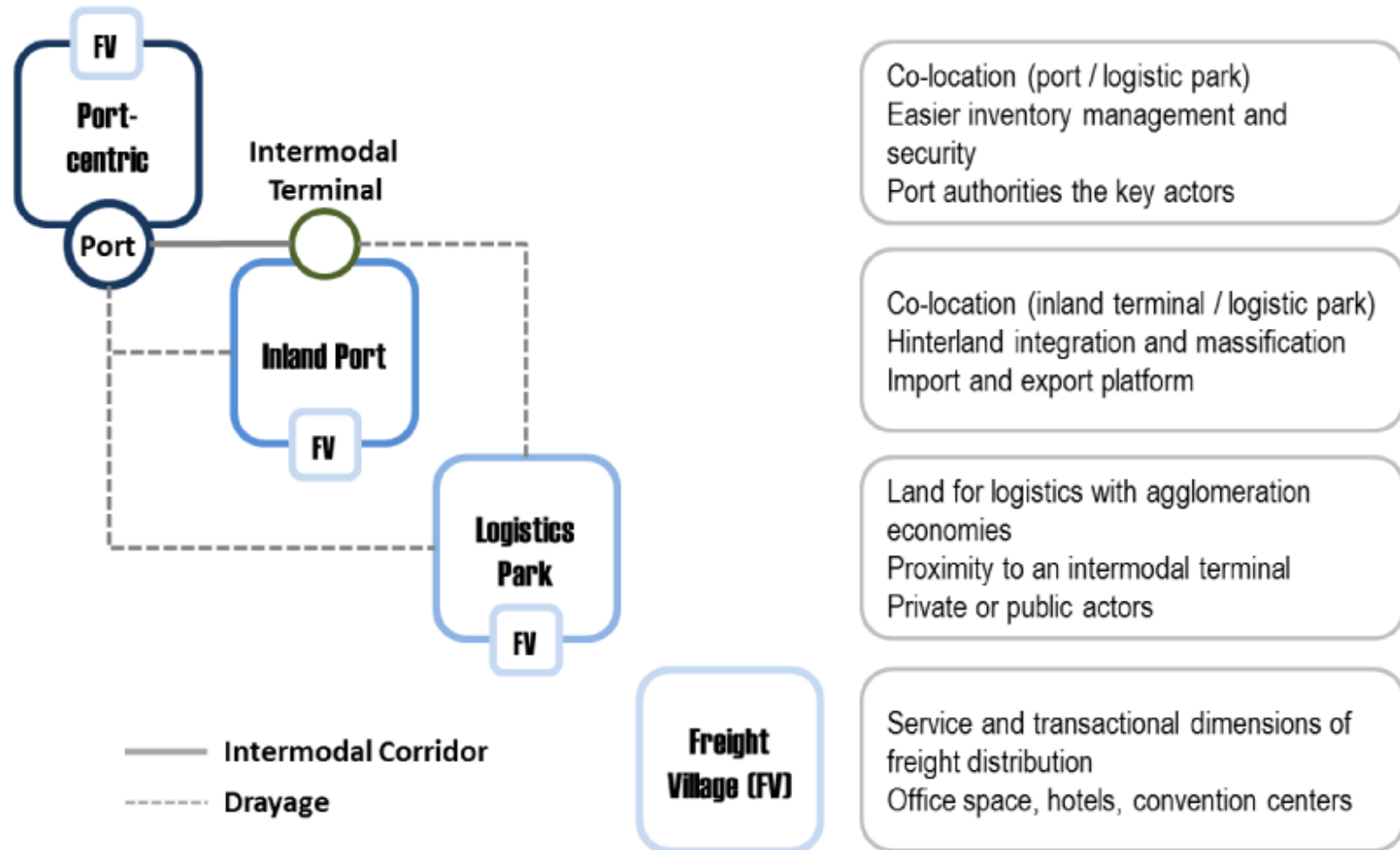
ECONOMIC BENEFITS AND COSTS OF LOGISTICS CLUSTERS

- Employment creation (direct, indirect, induced).
- Attracting capital investment.
- Increased distribution efficiency and lower costs to consumers.
- Innovation in industry (practices).
- Increased trade and cross-border traffic.
- Reduced congestion and emissions.

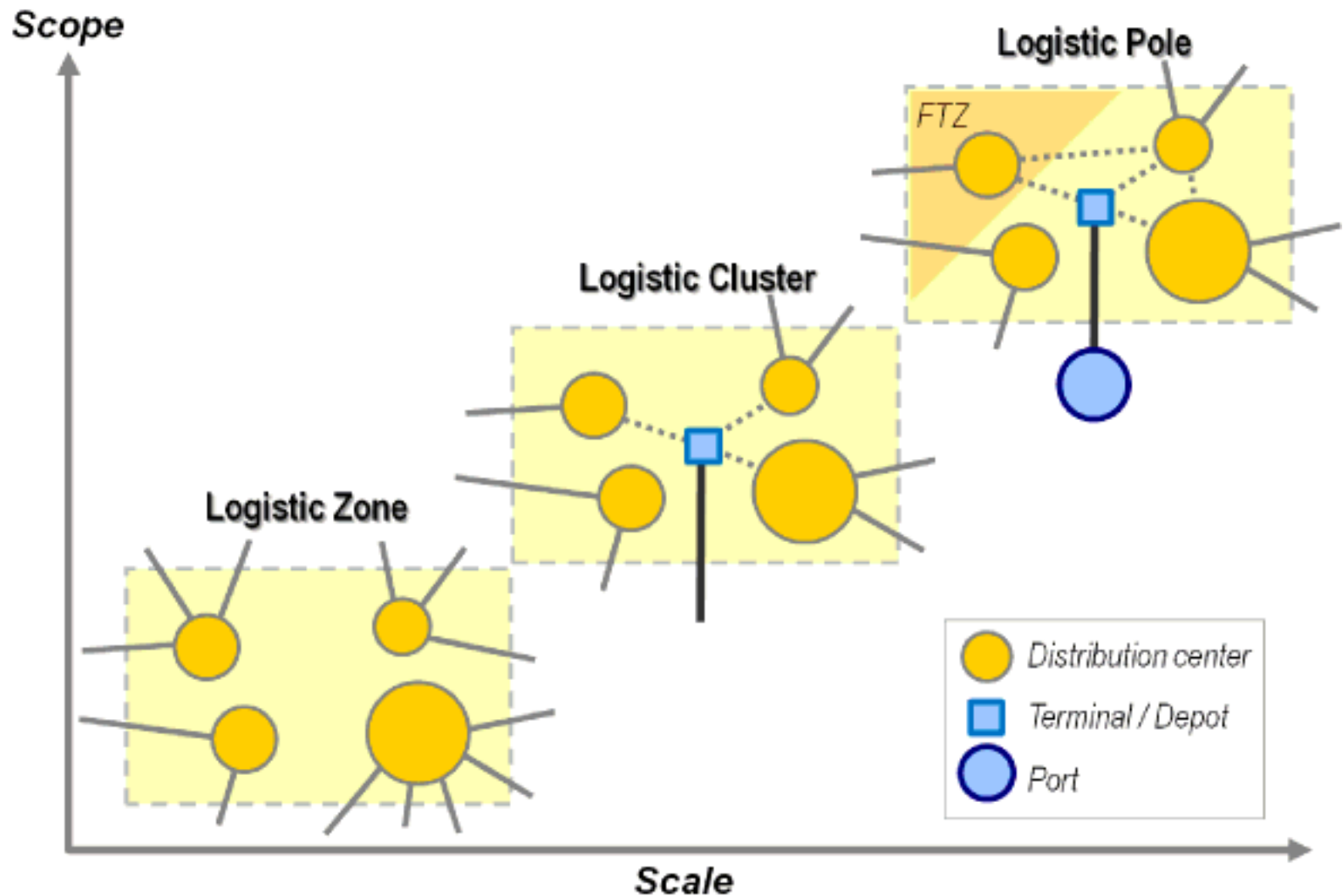


- Opportunity cost of public fund usage.
- Additional burden on taxpayers.
- Loss of economic opportunities (redundant businesses shut down).
- Negative community impacts.

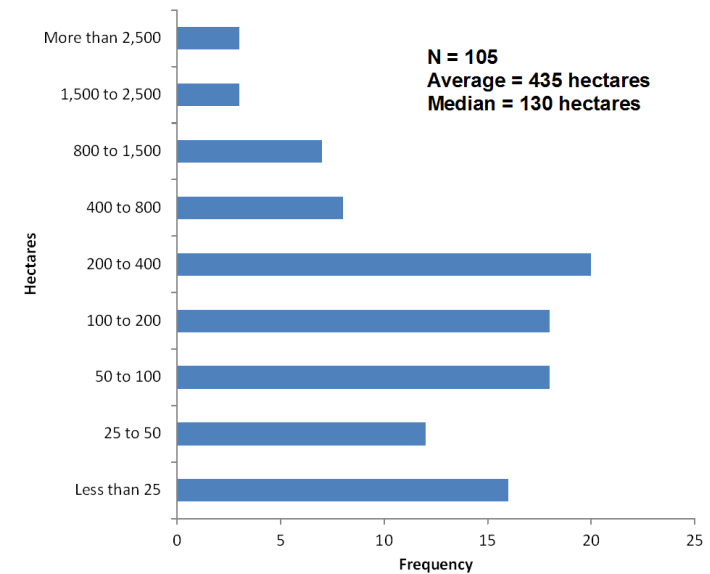
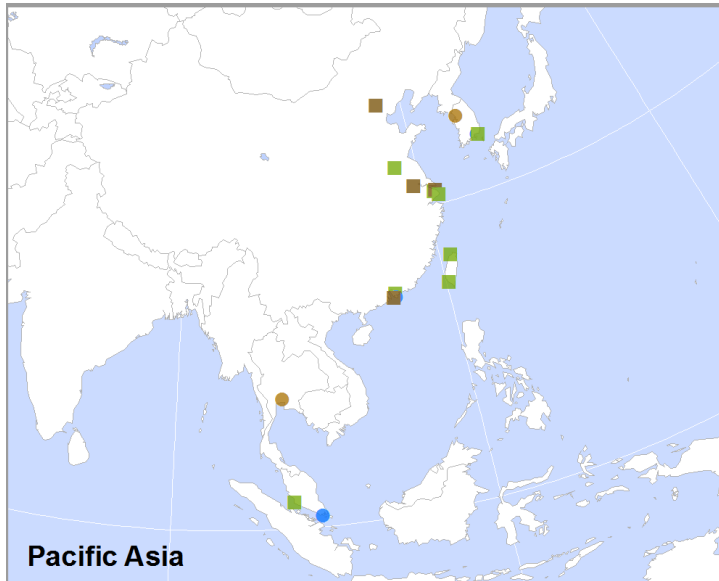
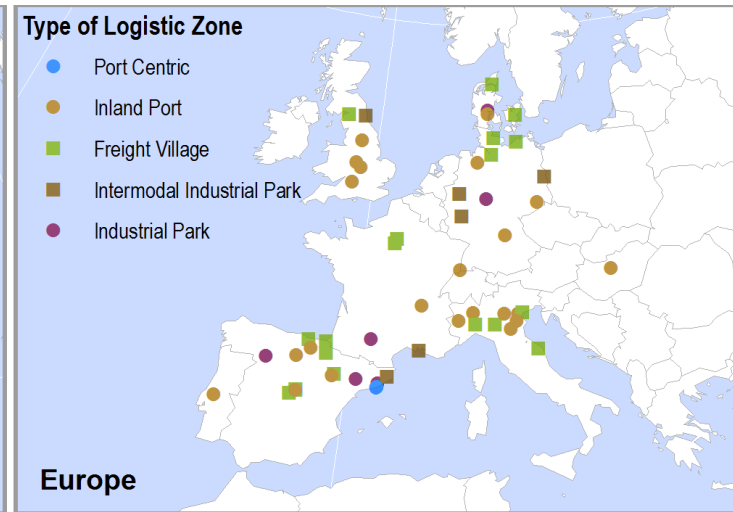
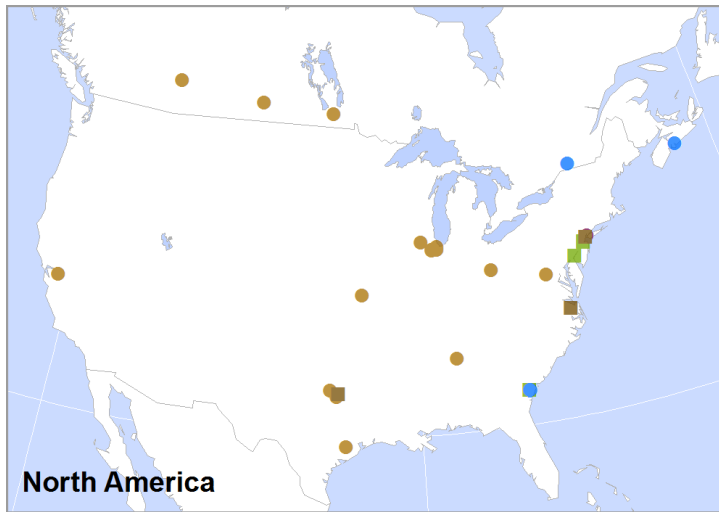
TYPOLOGY OF LOGISTICS CLUSTERS



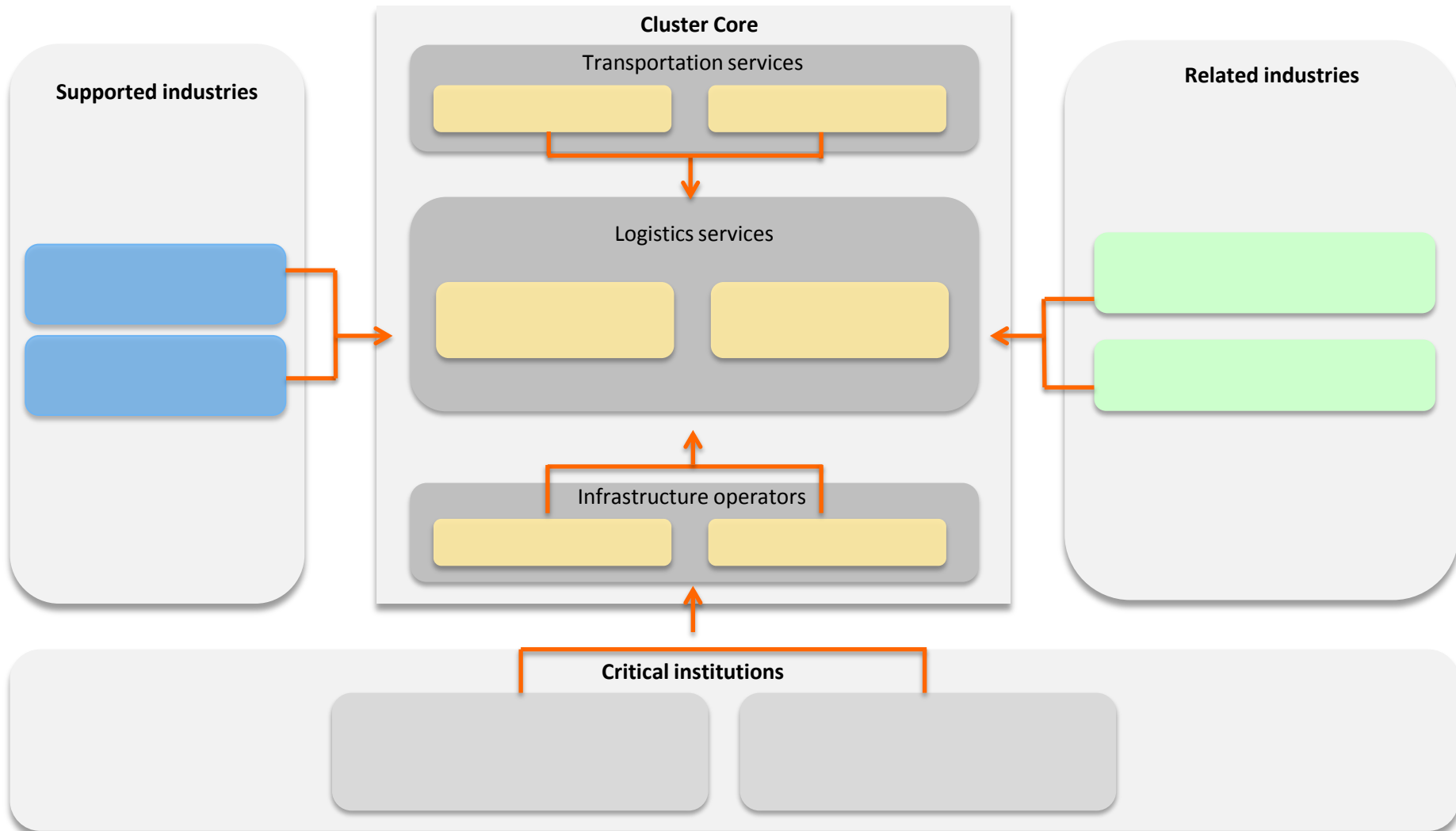
FROM LOGISTICS ZONE TO LOGISTICS POLE



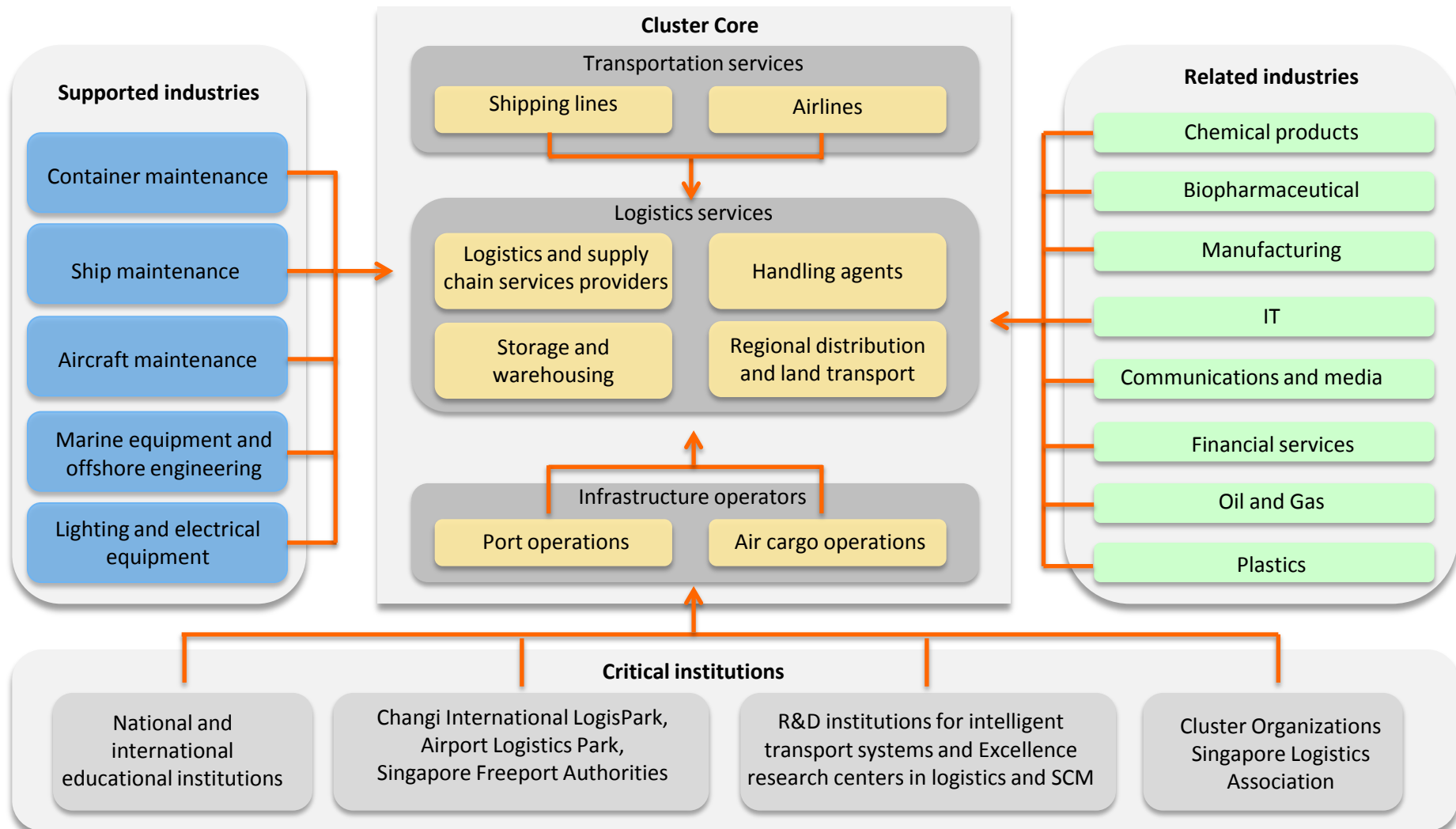
THE GEOGRAPHY OF LOGISTICS CLUSTERS



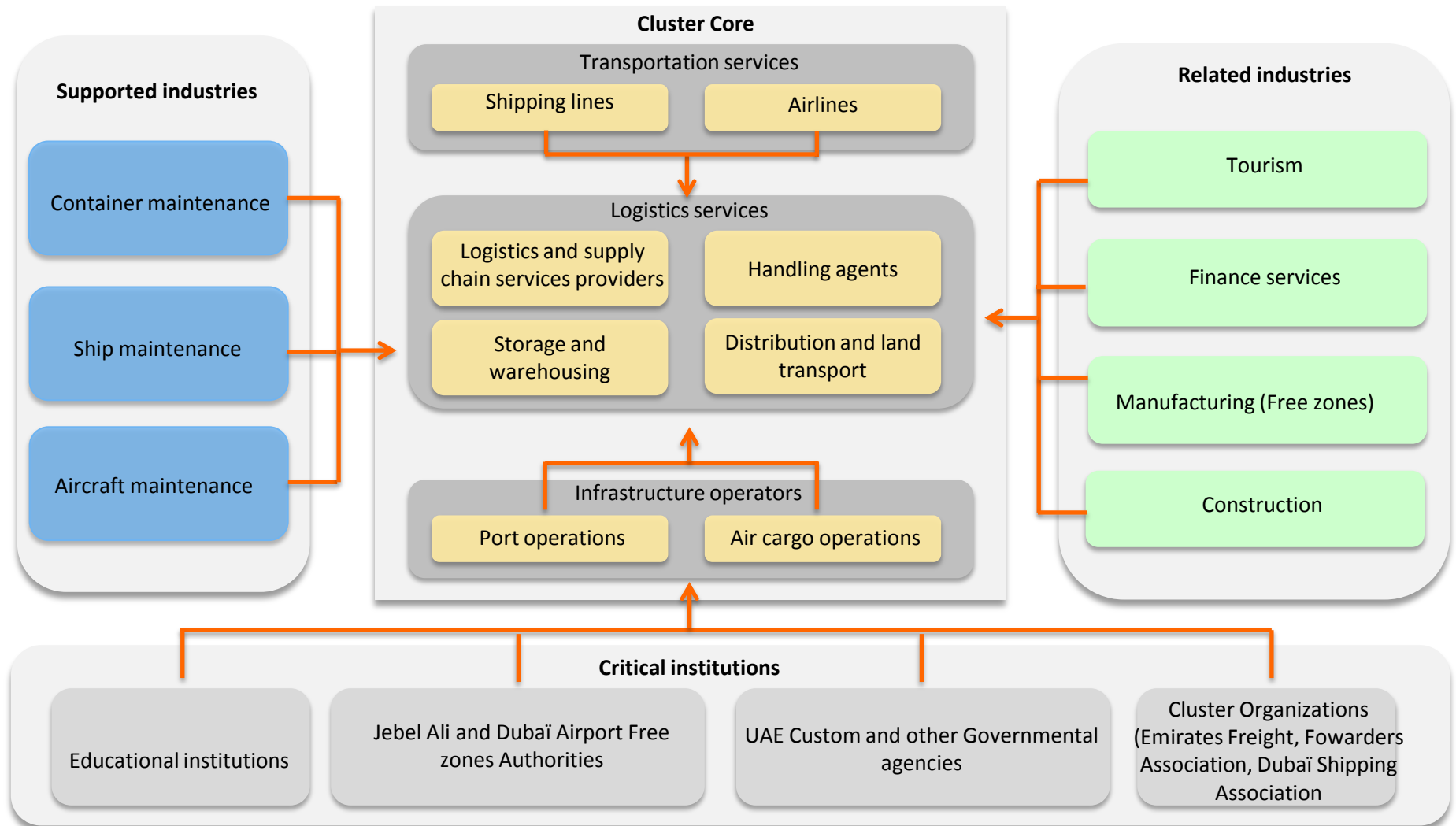
LOGISTICS CLUSTERS' FRAMEWORK



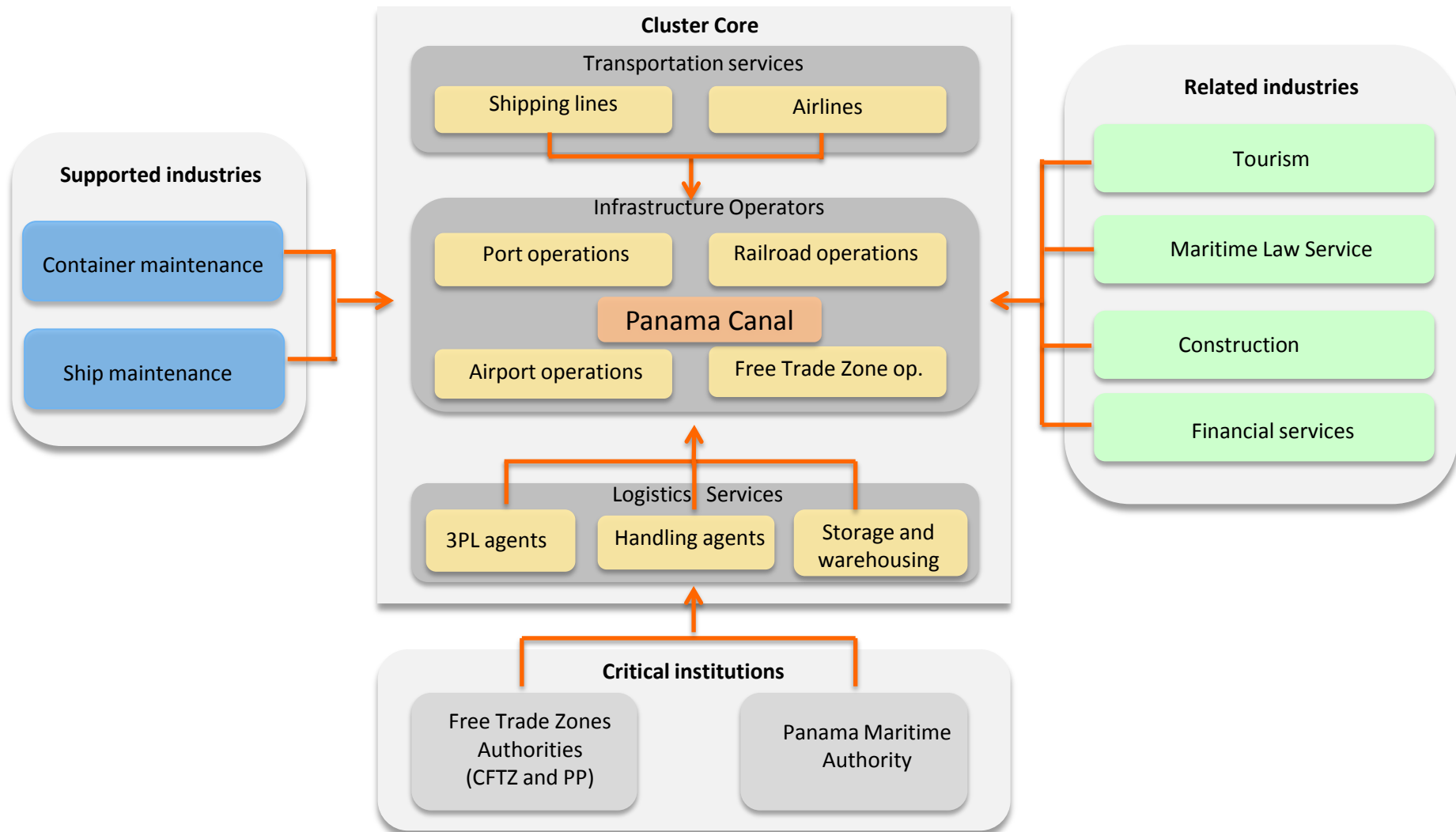
LOGISTICS CLUSTERS IN SINGAPORE



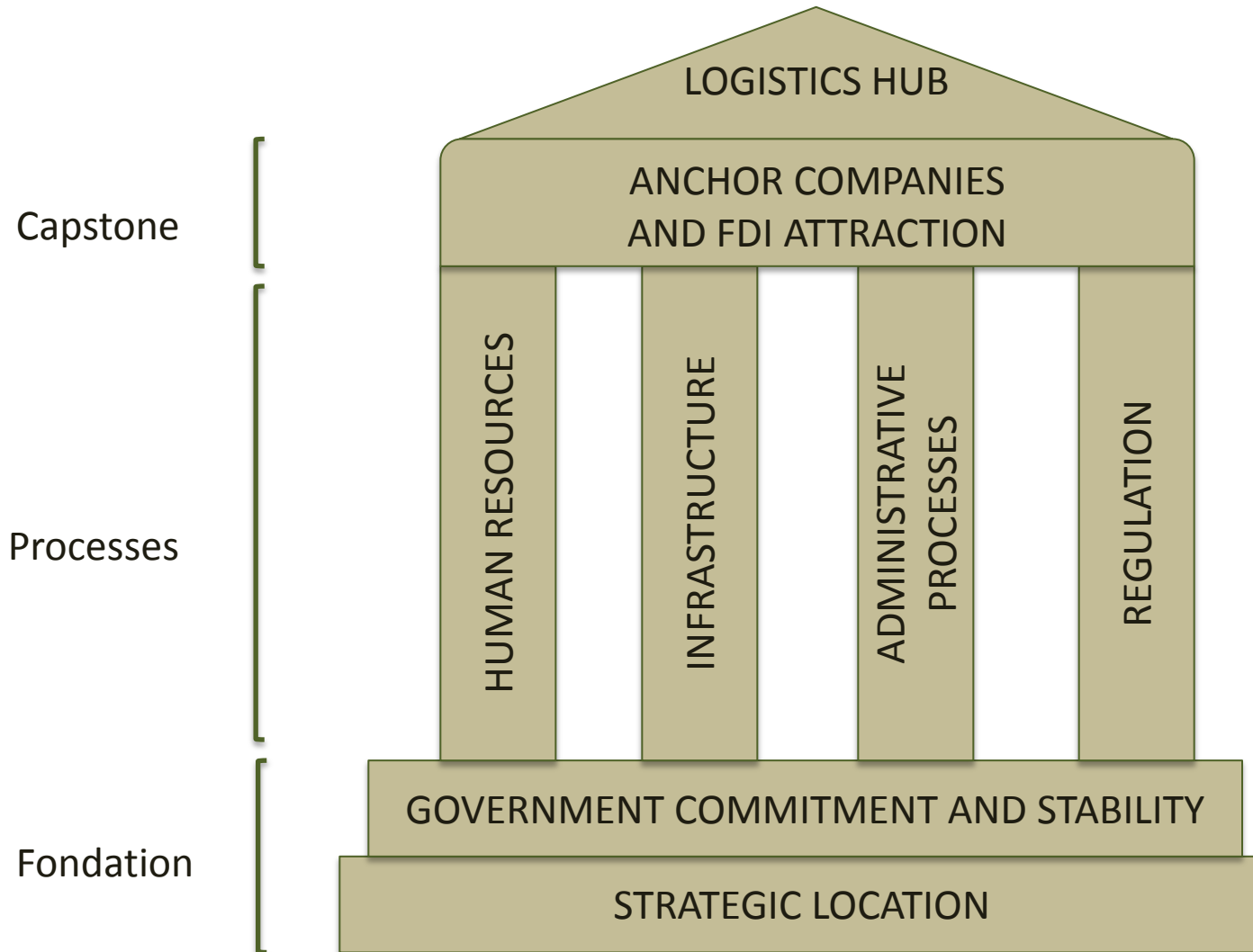
LOGISTICS CLUSTERS IN DUBAI



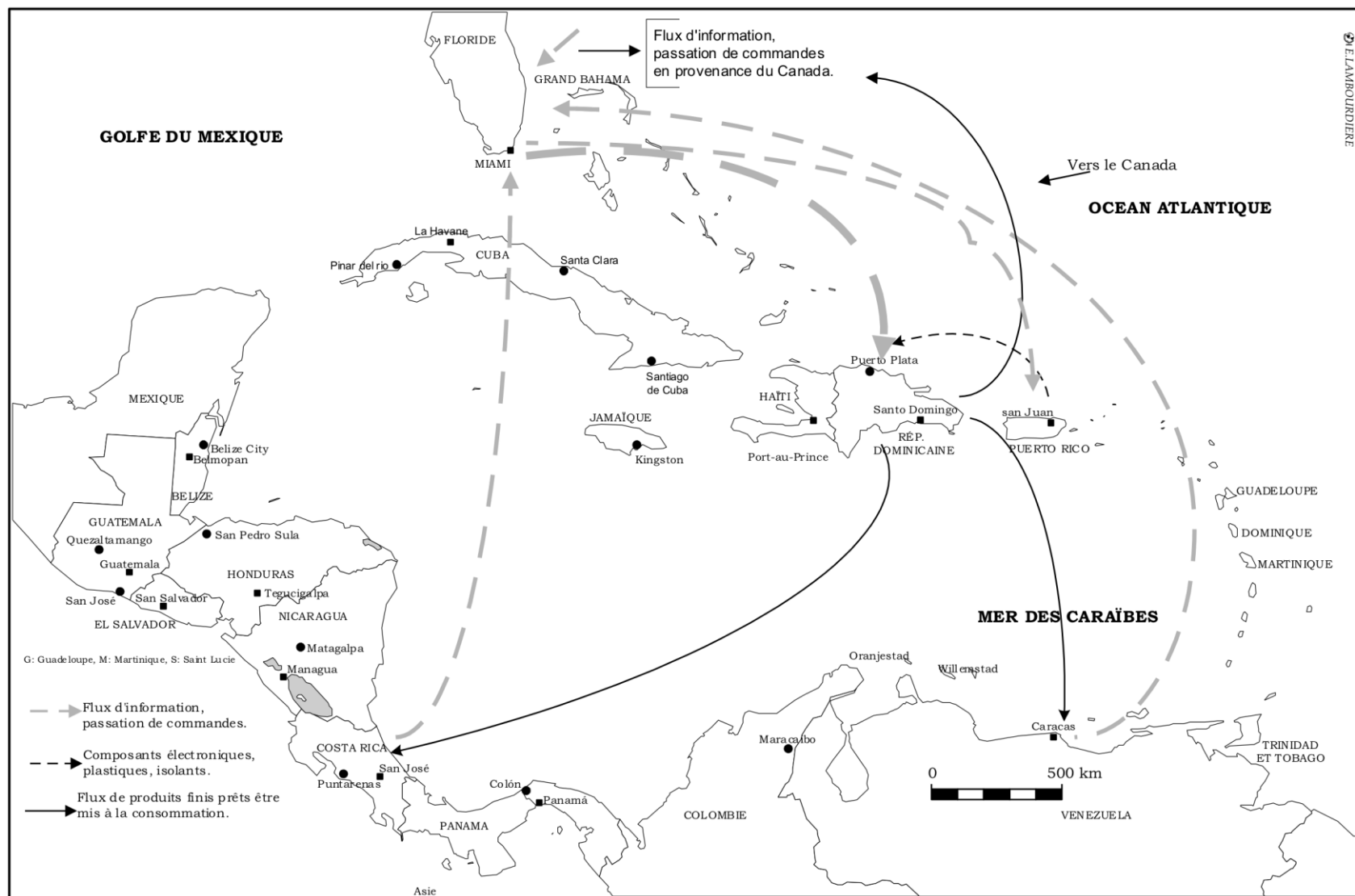
LOGISTICS CLUSTERS IN PANAMA



MAKING LOGISTICS CLUSTERS HAPPEN



CUTLER - HAMMER COMPANY SUPPLY CHAIN IN THE CARRIBBEAN





CARIBBEAN TERRITORIES CAN MAKE IT
HAPPEN BECAUSE THEY NEVER PASS THE
BUCK, NEVERTHELESS...

TRADITIONAL BEST PRACTICES WON'T WORK.

CARIBBEAN TERRITORIES NEED A STRICTER,
MORE TOP DOWN PLAYBOOK

5 RULES FOR MANAGING LOGISTICS CLUSTERS PROJECT INNOVATION

1

Start small

2

Use rigorous project management
and seasoned project leaders

3

Invest time defining the innovation

4

Build enough knowledge overlap for
collaboration

5

Don't rely solely on technology for
communication



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THANK YOU FOR YOUR ATTENTION.

QUESTIONS ?

