



Mobility: new initiatives. Ship, road & rail.  
Belt & Road  
Caspian Week – Davos

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# Connectivity

The whole notion of China's Belt & Road, and even the integration of a streamlined supply chain with any country would not be successful without digital connectivity.



# Digital Connectivity

This is a **key enabler** of modern trade facilitation and getting the **most efficiency** out of logistics.



# History of Shipping



Human Safety issues  
grew & evolved

National & International  
Regulations  
become the norm

Traders found financial assurance  
in insurance and rules for vessel  
standards



# The Big Change

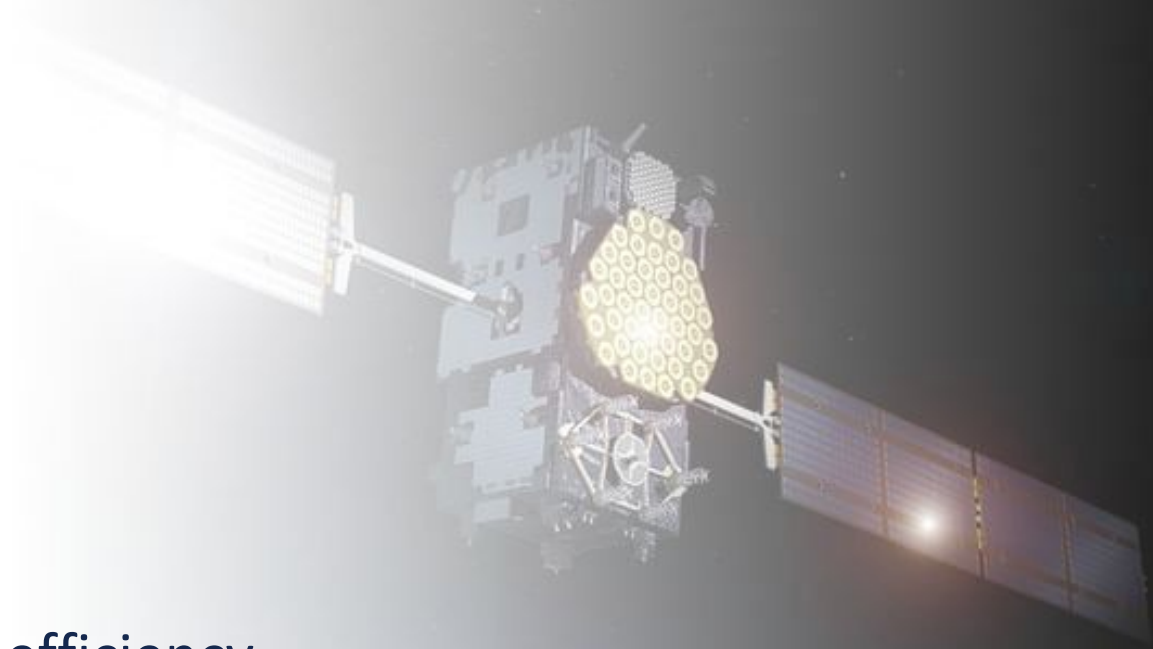
Space Technology began to revolutionise:

- Ship Safety
- Ship Connectivity
- Ship Efficiency

A huge step in the evolution of efficiency.

It is becoming an autonomous feedback loop.

Moving towards machine to machine communication as much as shore to master communication creating transformation and with it connectivity.



# Digital Transformation



The response is the streamlining of operations, the ability to share information (through the right channels) and then to benefit from it.

# Hype, facts, experience, change

## 2019 Reality from the Hype..

- The shipping industry is asset heavy , with some really expensive pieces of equipment. That will not end, but the ability to reach those assets digitally speaking 24 hours a day, 365 days a year will make the difference.
- Shipping is going through an evolution rather than a revolution – Autonomous Vessels
- High Levels of Connectivity – Autonomy of the crew, to be given more decision making information



# Linking digital connectivity with sustainable growth

Shipping as an industry is pushing to curb its  
Co2 emissions by half

## *The Challenge*

At the same time, shipping is a cog that supports global trade and global trade is expected to grow, particularly as emerging and developing economies grow

*Bold initiatives & actions...*



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# Linking digital connectivity with sustainable growth

Right data from the ship and shipping agents - make sure the flow of goods is transparent.

Changes on the ship will come because of regulation and demands for efficient ships.

Actionable data is part of the solution



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# To conclude..



Shipping as an industry is in a better position to respond if it has more

- Cohesion
- Connectivity
- Integration with other supply chains and transport silos





# IN TOUCH

PEOPLE, SAME VALUES, WE EVOLVE

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