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- Q1.
Are the ship owners
and ship managers
ready to embrace
digital transformation
solutions?
- Q12.
Do they trust AI &
digitalisation?

Digital transformation solutions



Digital transformation is the integration of digital technology into all areas of a business, fundamentally changing how you operate and deliver value to customers.



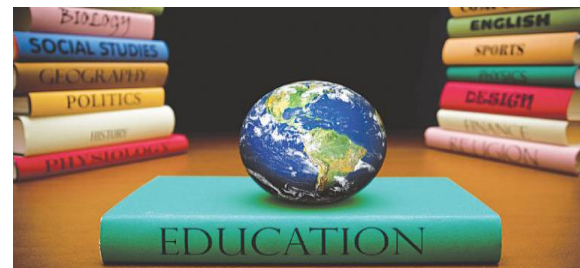
It's also a cultural change that requires organizations to continually challenge the status quo, experiment, and get comfortable with failure.



Integration of digital technology into what ?

- Vessel to Vessel (Bridge – Engine Room)
- Vessel to Office
- Vessel to Charterers
- Vessel to Ports
- Vessel to Authorities
- Office to Charterer
- Office to Suppliers (Bunker)
- Office to Financial Institutions

Shipping
needs new
ways and
collaboration
to transform
through
digitalisation!



Do we trust AI & digitalisation



What is the definition of digitalisation:

Digitization is the process of converting information into a **digital format**, in which the information is organized into bits. The result is the representation of an object, image, sound, document or signal by generating a series of numbers that describe a discrete set of points or samples.

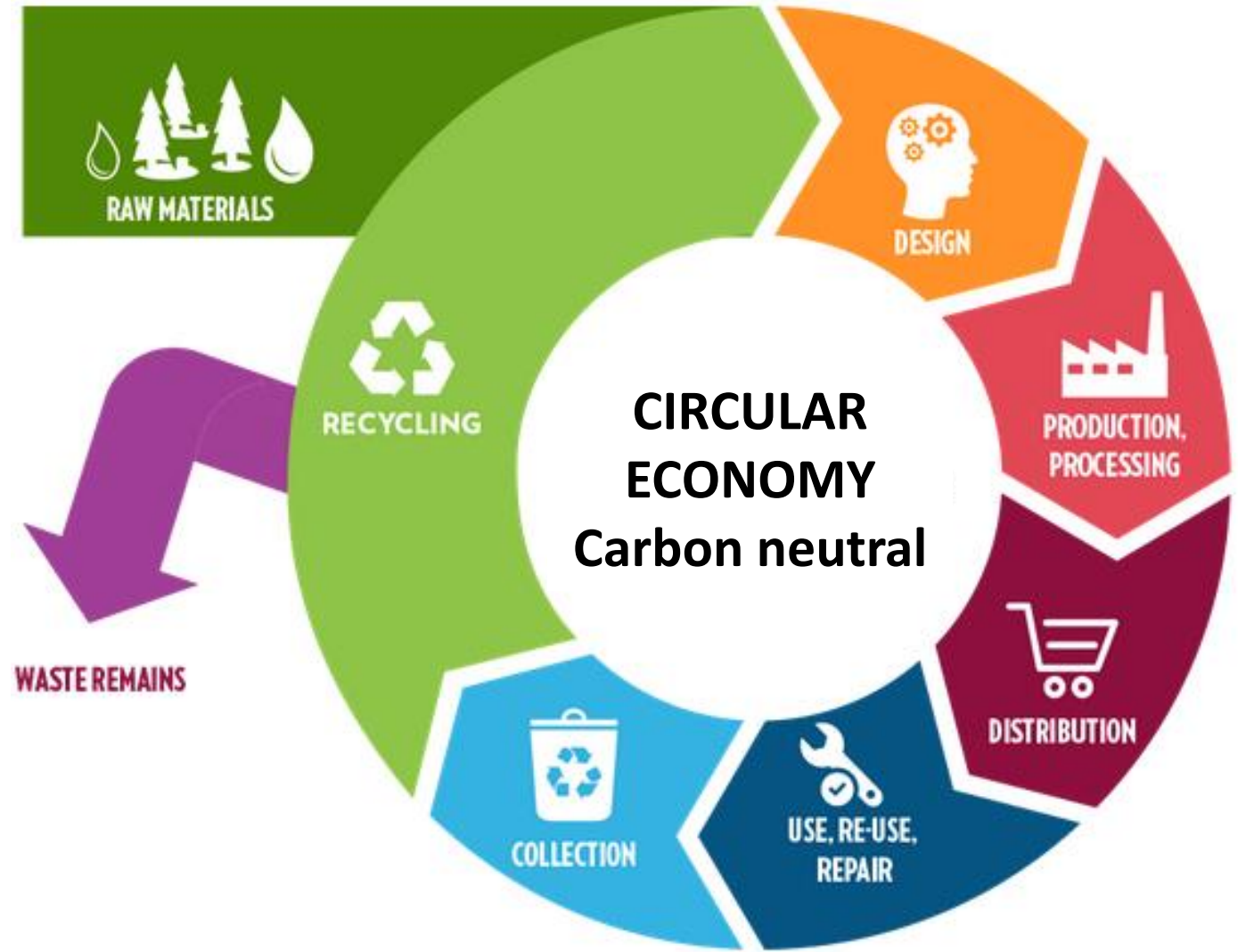
**What
Format
Shipping
has no
standard!**



Shipowners
understand the
Oceans.

They are the
cradle of life!

They gear for Circular
Economy with digital aids
monitoring !



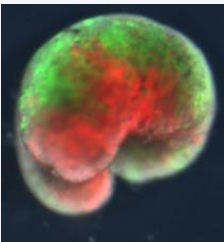
Shipping is conservative and fragmented.

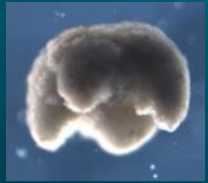
To grow a culture needs time and consistency while dealing with facts:

- The world has 100.000 ships of which only 20.000 have a computerized plant maintenance system.
- The world has 4.500 with more than 10 ships in 174 IMO countries.
- Ships switch owners and managers frequently.
- There is no format or standard for digitalisation.

Conclusion:.

- ❑ Ship owners and ship managers are NOT ready to embrace digital transformation solutions.
- ❑ Ship managers can play a pivoting role due to concentration of vessels and owners under one roof.
- ❑ Ship owners do NOT trust AI yet to embrace it. Autonomous Trading and Ocean Transportation are only research projects. A Digital Format/ Standard is missing.
- ❑ But the future is here. Living robots (Xenobots) and new technology will eventually transform lives and SHIPPING.





THANK YOU