

# Open Systems Approach to Operations Management: Rotterdam Port



# Rotterdam Port



[Thecasesolution.com](https://www.thecasesolution.com)

# Inputs into the Rotterdam Port:

- **Labour:** Captains, pilots, ship crew, navigators
- **Buildings:** The Port itself, other forms of permanent infrastructure
- **Capital:** Money to fund the processes
- **Data:** Huge amounts
- **Energy:** Both man power and natural resources fueling energy

The image features a network diagram with nodes and lines in the background. A large, thick grey circle is centered on the page. Inside this circle, a semi-transparent grey rectangle contains the text "Transformation Processes". A teal brushstroke is visible on the left side of the image.

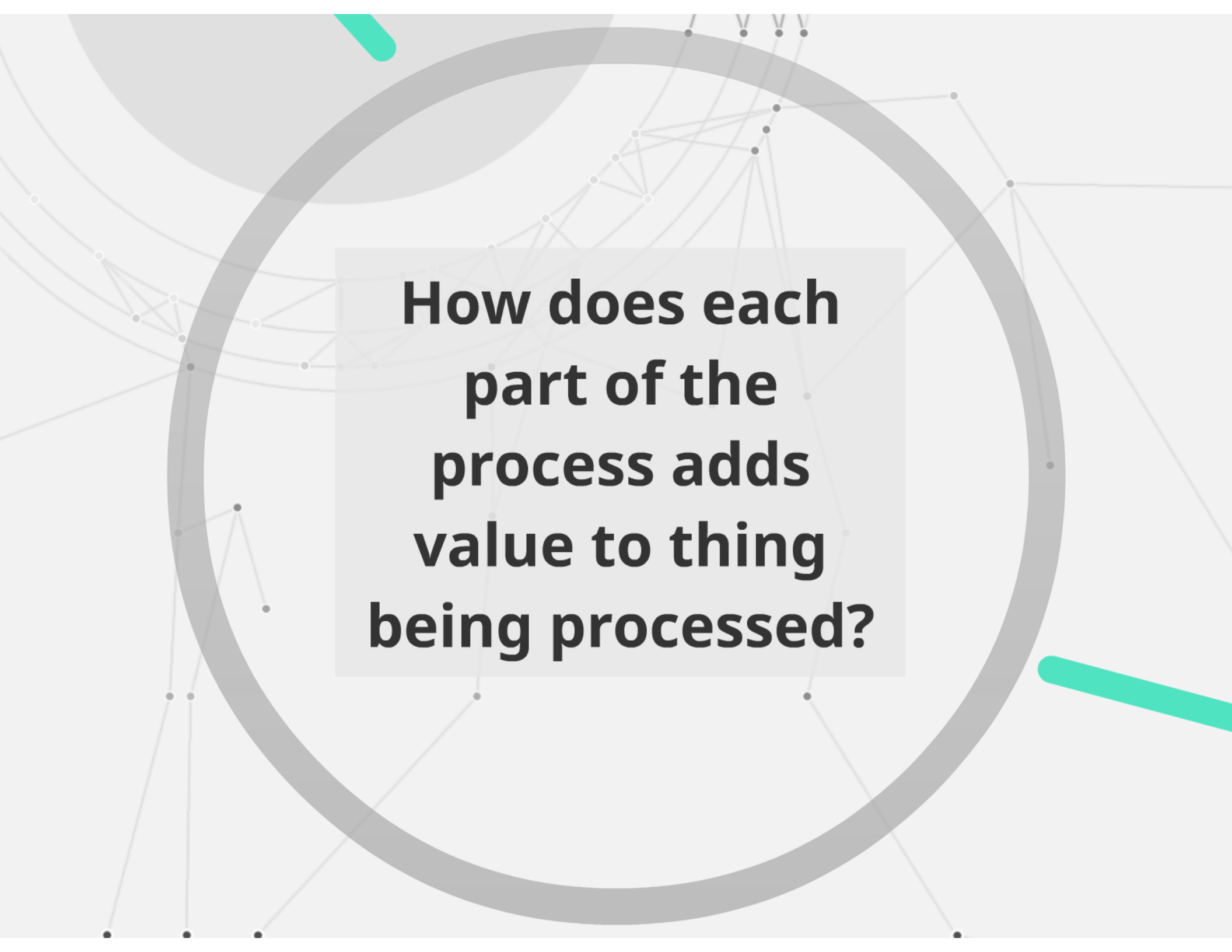
# **Transformation Processes**

# Outputs:

- Stacking Containers.
- Iron ore on the conveyer belt.
- Off loading the oil rig.

The Port also makes sure the output is:

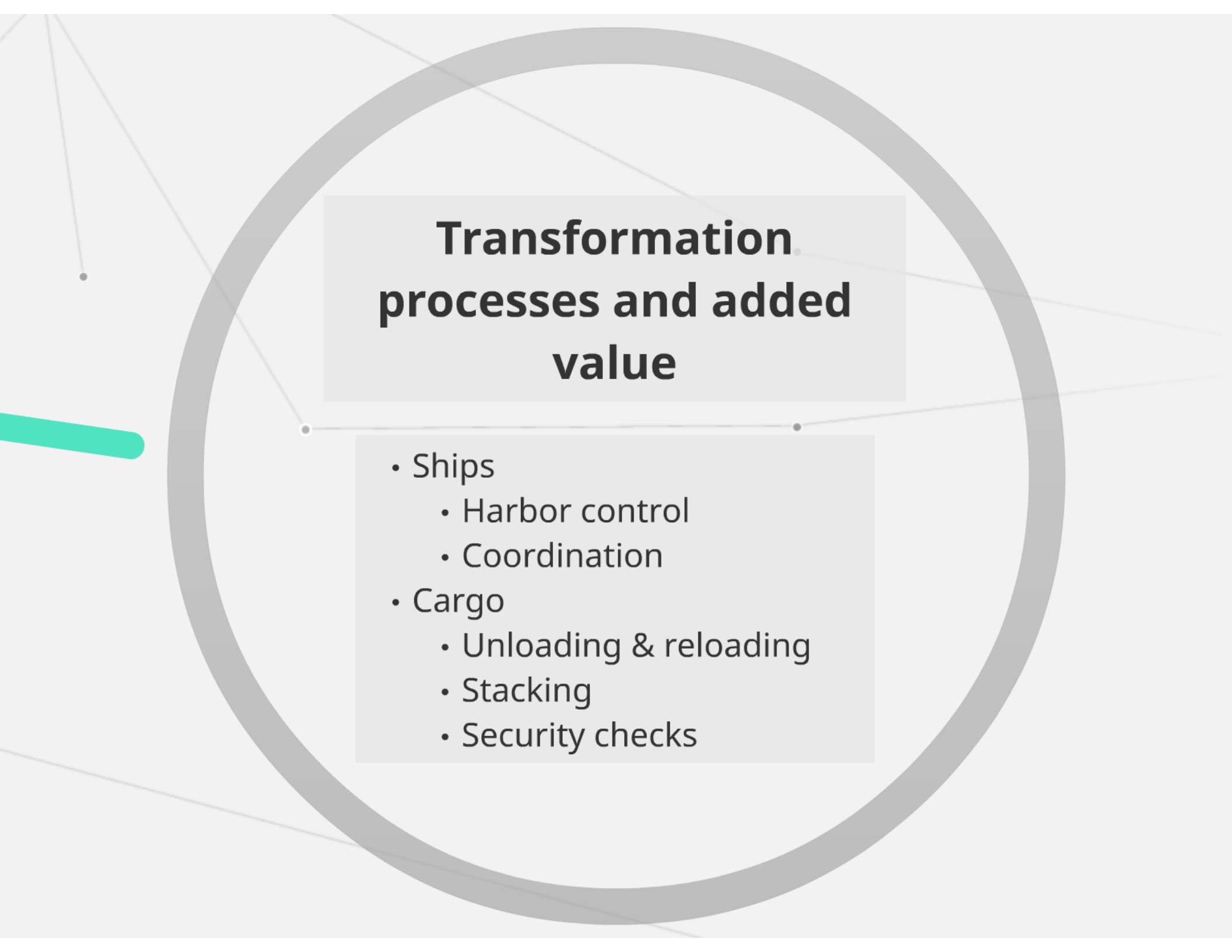
- Safe
- Efficient
- Secure
- Clean



**How does each  
part of the  
process adds  
value to thing  
being processed?**

**What is being  
processed ?**





## **Transformation. processes and added value**

- Ships
  - Harbor control
  - Coordination
- Cargo
  - Unloading & reloading
  - Stacking
  - Security checks