

BOOSTING ENVIRONMENTAL REPORTING WITH DIGITALISATION

How companies can transform an obligation into an opportunity for minimizing their environmental footprint and overall performance.

Speaker



Arnaud Dianoux

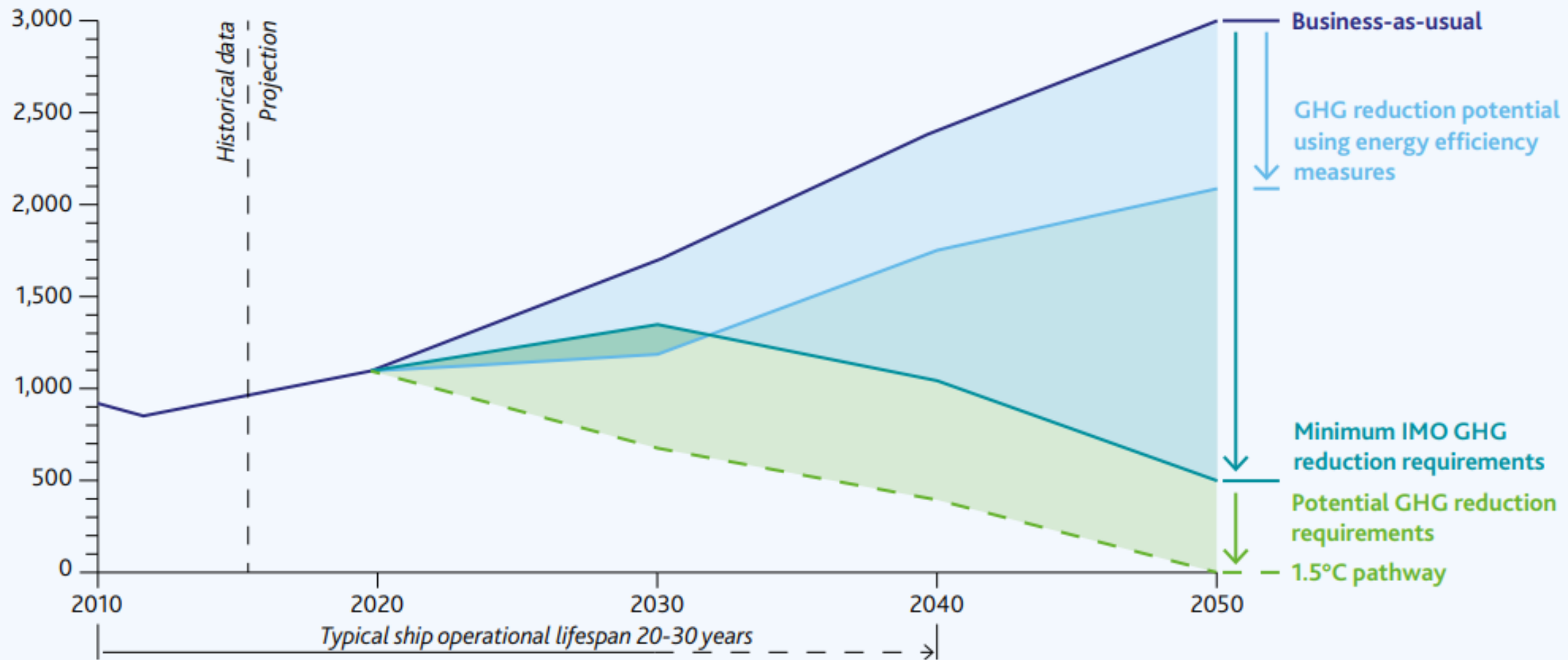
FOUNDER AND MANAGING DIRECTOR OF OPSEALOG

French Entrepreneur and Former Merchant Marine Captain, with over ten years of experience at sea in the Marine Offshore field in multiple regions. His passion for Data and his Maritime experience have inspired Arnaud to found Opsealog.

Ambitions x Reality

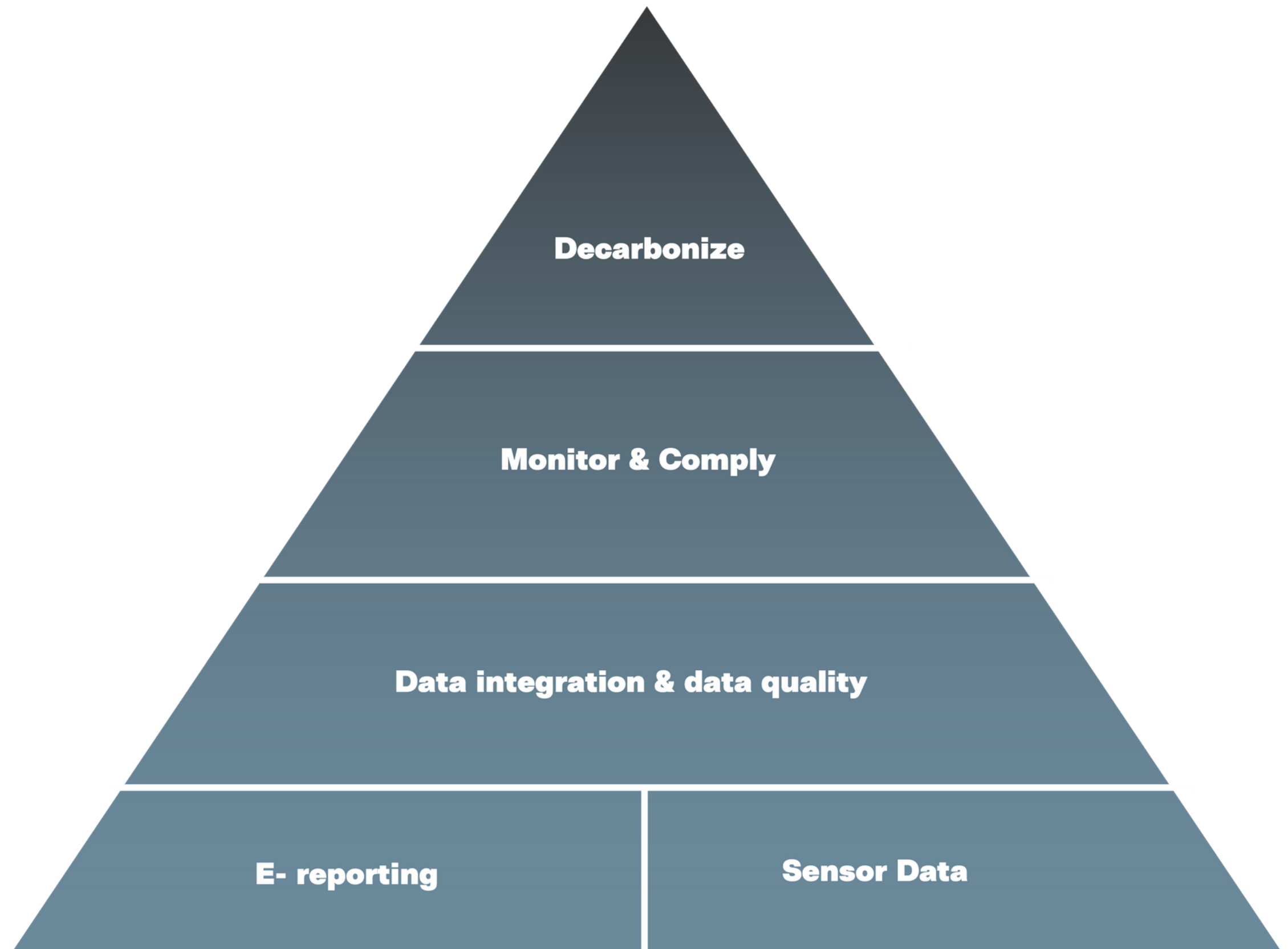
2 Shipping is not on a Paris Agreement-aligned decarbonisation path

Emissions (million tonnes)



Source: UMAS

Optimization requires measuring



The hidden value of data available onboard

- Opportunity more than a Burden
- There is data available onboard in different formats for different purposes
- The data is valuable and accurate but rarely used
- All this data is not available onshore or not usable as it is.
- Data granularity is excellent, it can be helpful in compliance and the decarbonization



The potential of report digitalization

New activity
overview > 2023-03-17 > Timesheet > new

START TIME
10:30 DECK CARGO OPS

END TIME
11:30 Activity continues after midnight

Location
Drilling Rig 4

Weight Loaded
4

Weight Discharged
0

% Deck space used
60

Deck cargo weight at end of ops
20

Mode
DP

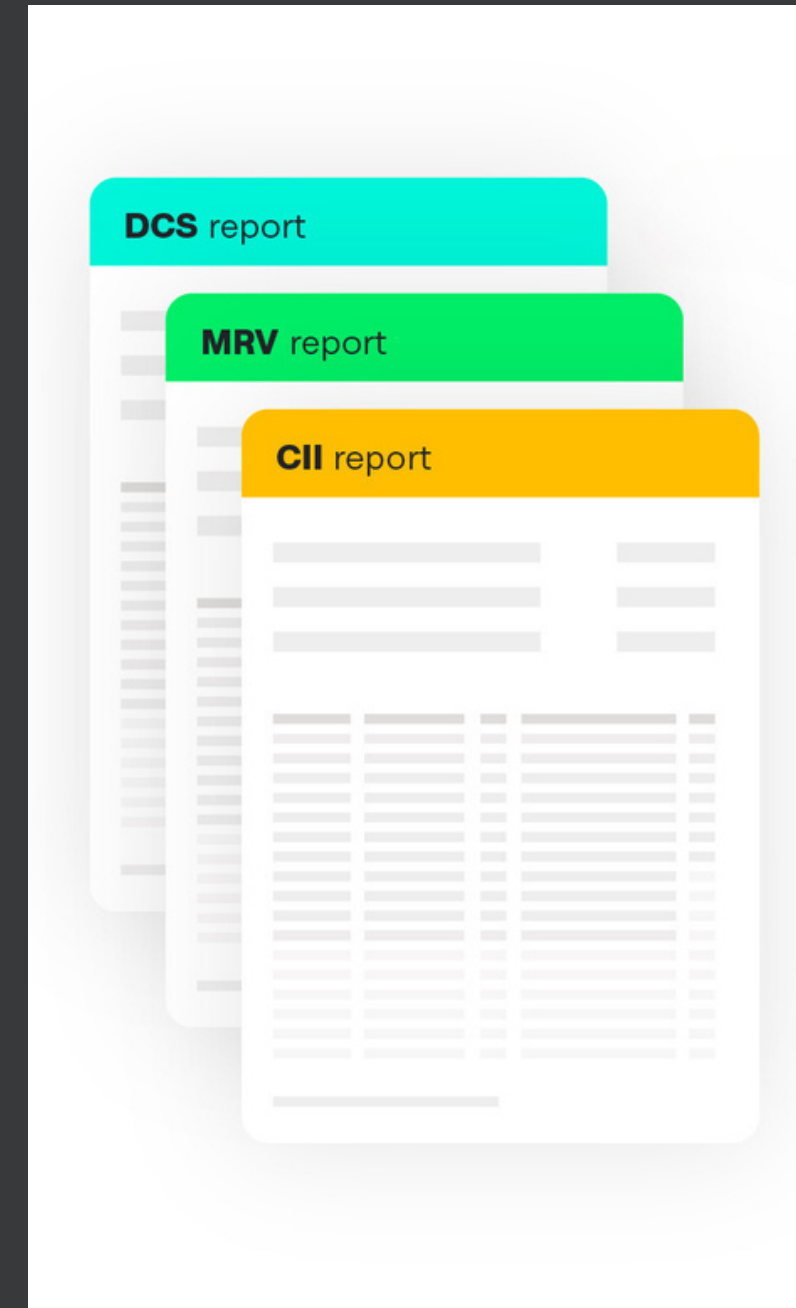
Beaufort scale
3

nb of lifts loaded
3

nb of lifts offloaded
0

Digitize and Centralize Reporting

- Eliminate paper and spreadsheet reporting
- Unify the flow of data
- Improve Seafarer wellbeing
- Improve data quality



Comply and Anticipate

- Address regulations using data integration and digital reporting
- Prepare for stricter regulations



Analyze and Decarbonize

- Assess areas of improvement for existing assets
- Data analytics can help create emissions reduction strategies
- Support decarbonization R&D



Success requires collaboration

- Collaboration between different stakeholders
- It's not a ship owner challenge; it's an industry one
- Collaboration is increasing
- Adopting a new mindset for value creation
- It's not one solution that will solve everything but an ecosystem

Key take-aways

- Gap between ambition and reality
- E-reporting is the opportunity to reduce the gap and measure accurately
- Need for more collaboration in the sector to help shipowners in their digital transformation
- Decarbonization is a challenge for the industry, not only for shipowners
- Measurement is the prerequisite for any experimentation that is ahead of us for the next 10 to 15 years



Thank you!

Contact us if there are any questions.

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