Digital Ship

Anthony Veder's journey towards a data-driven culture

Sifra Westendorp - Anthony Veder

Introduction

Sifra Westendorp

Digital Development Manager

Project Manager for digital initiatives

Digital Transformation Program
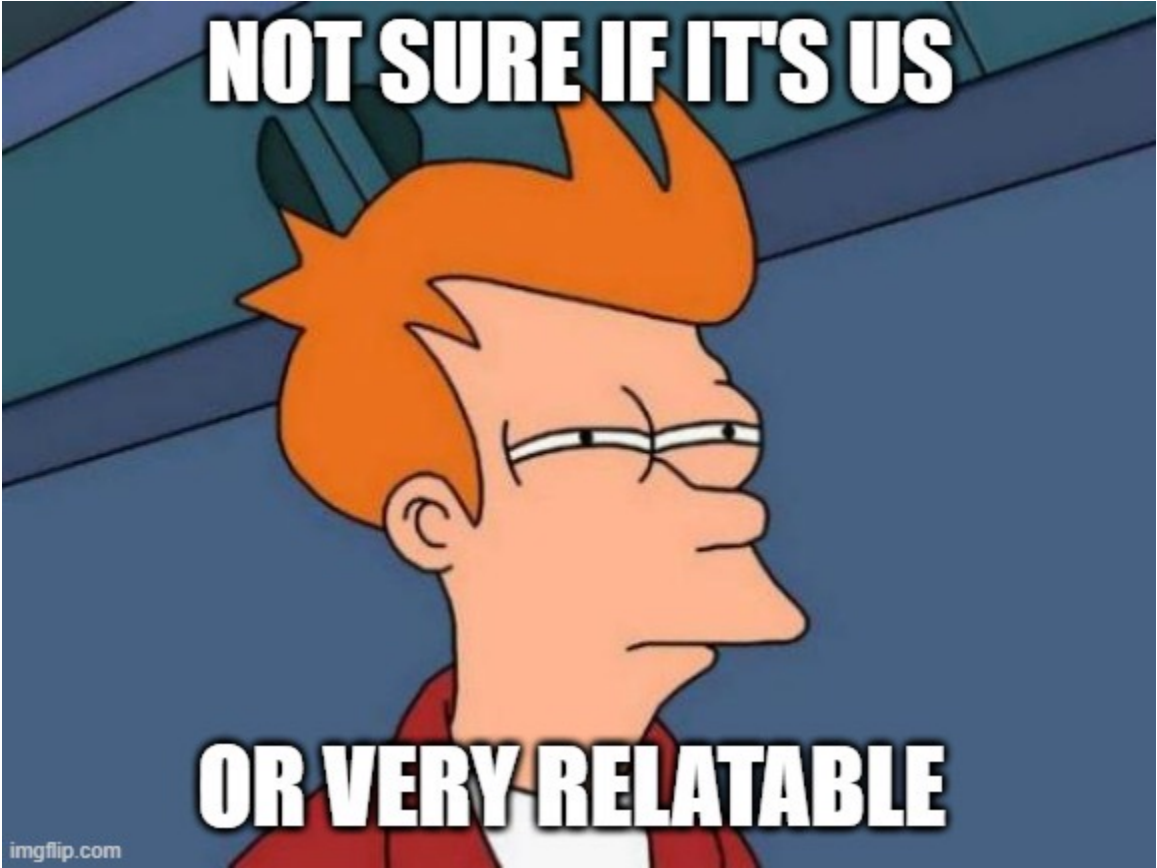@ Erasmus University

Setting the scene

Does this sound familiar?

During today's presentation you will..

- Meet Anthony Veder

- See our innovation strategy

- Hear about where we are standing today and where we want to go

- See the topics that will become relevant

- Learn how we are facing the challenges building toward a more data-driven culture

- May share your experience

Integrated shipowner

PEOPLE

COMMERCIAL OPERATION

TECHNICAL OPERATION

Markets

Petrochemical

20 vessels
1,000 – 8,000 cbm
Petrochemical gasses

LNG carriers

11 vessels
5,800 – 30,000 cbm
LNG

Strategic pillars

Employer of choice

Sustainability

Digitalization

INNOVATION ROADMAP

ANTHONY VEDER
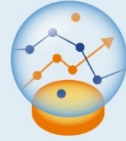
HORIZON 1 HORIZON 2 HORIZON 3

1 Model-driven decision making

Descriptive analytics | Predictive analytics | Prescriptive analytics

2 Integrated supply chain

Digital collaboration | Integrated operations | Zero waste operations

3 Smart vessels

Monitor and control | Central command and support | Autonomous vessels

An ambitious leader in gas shipping service solutions
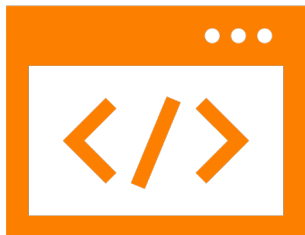
9

Topics that we are currently

Smart vessels

- Using sensor data to increase reliability of the fleet and improve efficiency
- Predictive maintenance and procurement, automating processes

Sustainability

- Using data to comply with rules and regulations
- Voyage optimization and scenario planning

Integrated supply chain

- Using data to increase efficiency and productivity in the supply chain
- Predicting ETAs, automated nominations and scheduling and m2m info sharing
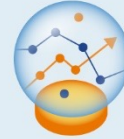
INNOVATION ROADMAP

HORIZON 1 **HORIZON 2** **HORIZON 3**

Descriptive analytics | Predictive analytics | Prescriptive analytics

1 Model-driven decision making

Digital collaboration | Integrated operations | Zero waste operations

2 Integrated supply chain

Monitor and control | Central command and support | Autonomous vessels

3 Smart vessels

An ambitious leader in gas shipping service solutions

11

Our reality vs where we want to go

Now…

- A centralized setup with a process to identify requirements and create reports
- A Power BI environment providing work overviews
- A siloed SQL server with a lot of views, stored procedures and tables
- People do not want to change
- Having a cool product does not mean success

HOW?

By 2025…

- Anthony Veder predicts rather than reacts. For this, AV uses unambiguous actionable insights based on high-quality data
- A modern, cloud-based data platform with a single source of truth
- Governance framework
- **A culture that embraces data-driven decision making**

How are we facing the challenges?

PEOPLE

- Helping people making the transition to a data-driven culture
- Building the right competences & knowledge
- Acquiring top-down management support

PROCESS

- Creating the right governance
- Understanding what the business needs
- Incrementally deliver to the business
- Embedding a new way of working in the operations

TECHNOLOGY

- Driven by use-cases
- Starting small, scaling fast
- Creating a robust and future proof platform

So...

Thanks for listening!

I would love to get in touch to learn about your data challenges.

swestendorp@anthonyveder.com

+31681749677

ANTHONY VEDER