

Skills, education and working conditions





Kleven Verft

- 330 employees
- Est. 1944



Order book Kleven Verft



Cable laying vessel – ABB – March 2017

2 x expedition vessels – Hurtigruten – June 2018 / June 2019

6 x anchor handling vessels – Maersk – 2017/2018





Myklebust Verft

- 150 employees
- Est. 1915



Order book Myklebust Verft



4 x trawlers – DFFU/CDP/Pesquera – 2017/2018



2 x live fish carrier – Sølvtans – March/Sept. 2017



Fish harvest vessel – DESS Aqua – March 2018

Pelagic trawler/purse seiner – Gitte Henning – December 2017

2 x hybrid ferries – FosenNamsos Sjø – November 2018





KMC
Kleven Maritime
Contracting

- 220 employees

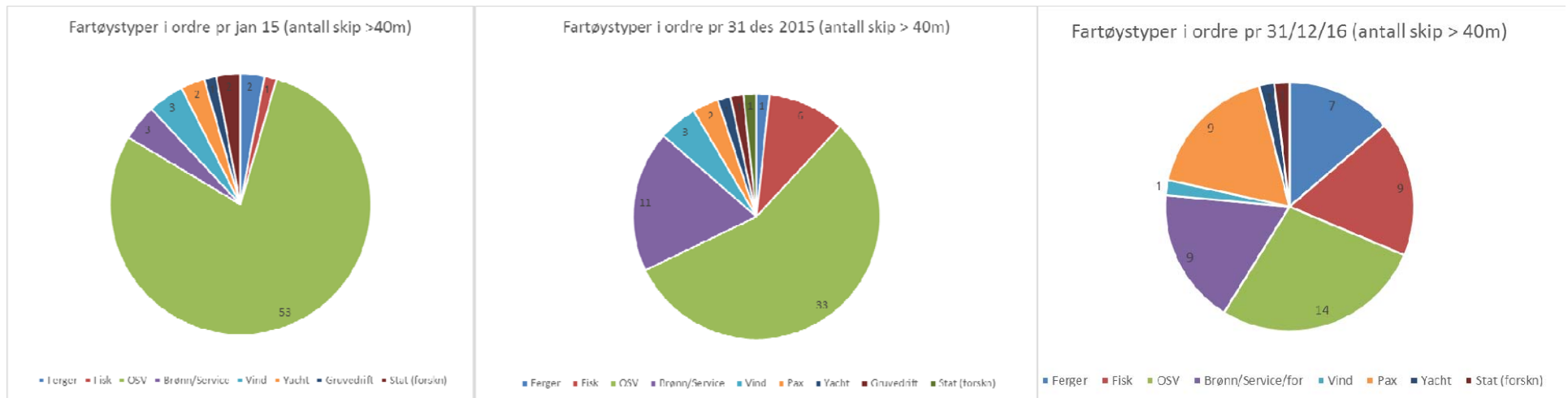


Skills for survival in cyclical markets

The Norwegian order book

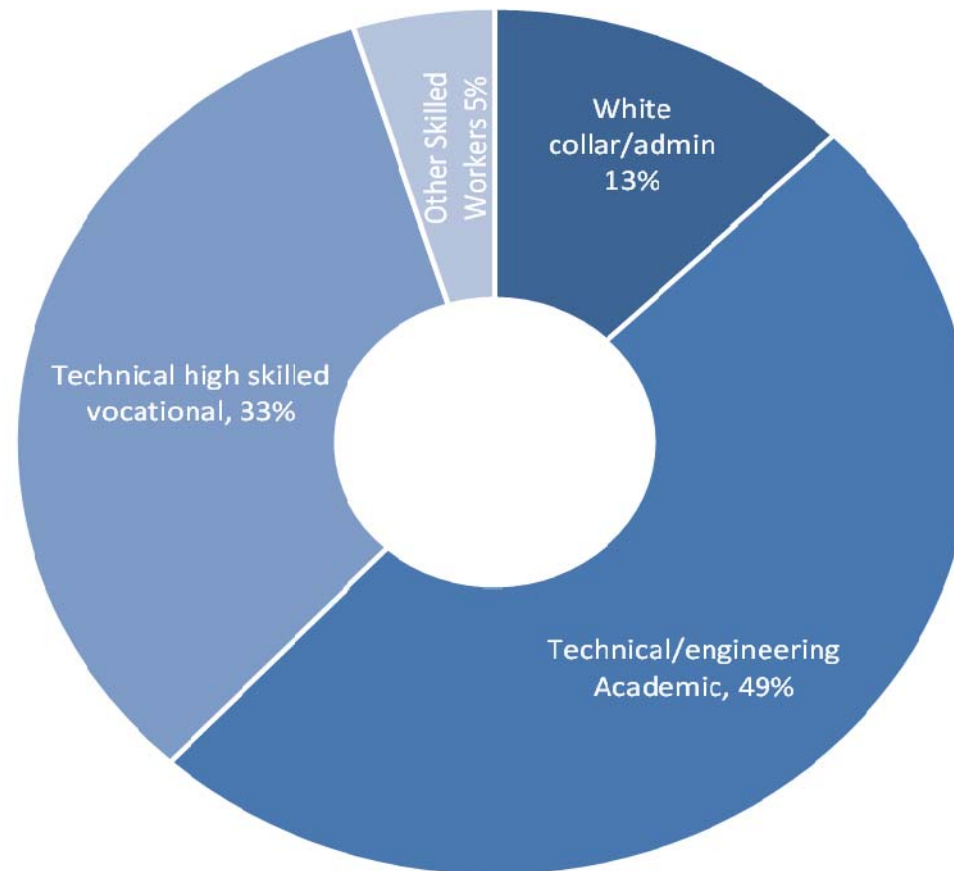
- January 2015
- January 2016
- January 2017

Source: Norsk Industri Maritim



High Skilled Workers for a High Tech. Industry

Distribution of Technical Personnel



Trends influencing our needs regarding skills, education and employment

- Tough global competition
- Cyclical markets
- Environmental demands
- Reindustrialisation of Europe/Industrie 4.0
- Digitalisation

➔ Rapid innovation



Our future

Growth prospects for ocean industries:

| | |
|--|--|
| Prospects for modest growth | <ul style="list-style-type: none">• Capture fisheries• Offshore oil and gas extraction in deep water |
| Prospects for high long-term growth | <ul style="list-style-type: none">• Shipping• Shipbuilding• Offshore wind• Marine aquaculture• Tourism• Surveillance and safety |
| Long-term potential, but not yet at commercial scale | <ul style="list-style-type: none">• Ocean renewable energy• Marine biotechnology• Deep-sea mining• Carbon capture and storage |

Source: OECD 2016, «The Future of the Ocean Economy»



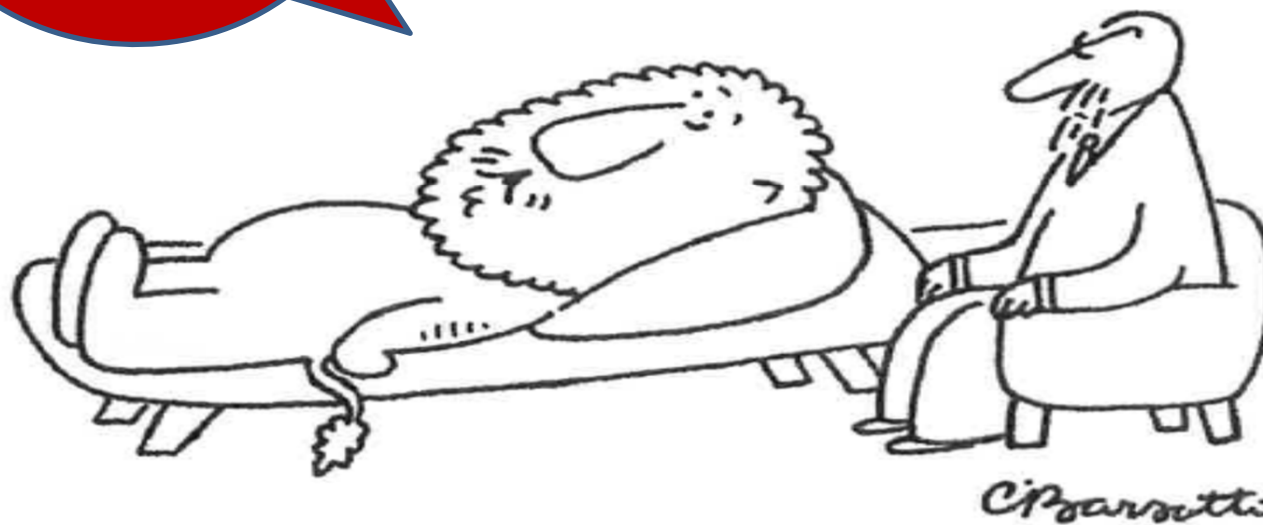
What the Industry expects

- Close cooperation between education and industry on local, national and European level
- Tools/support for lifelong learning
- Education giving our young people «21st Century Skills»
- Mobility of employees



Every year, the
zebras get
faster and
faster...

COMPETITION



Thank you for your attention!

