

Har bergindustrien noe å lære av standardisering i petroleumsnæringen?

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Kings Bay ulykken - 1962



Regjeringsskifte

Fokus på sikkerhet

Opprettelse av nytt professorat ved
gruvedrift på NTH med fokus på HMS

Kilde: Stortinget.no

Funn av Ekofisk - 1969



Opprettelse av nytt petroleumsinstitutt ved NTH
Fra NTHs gruveinstitutt - 1973

Kilde: aftenbladet.no

Bravo-ulykken - 1976



Skjerpede regler for sikkerhet i oljeindustrien

Kilde: Store Norske leksikon

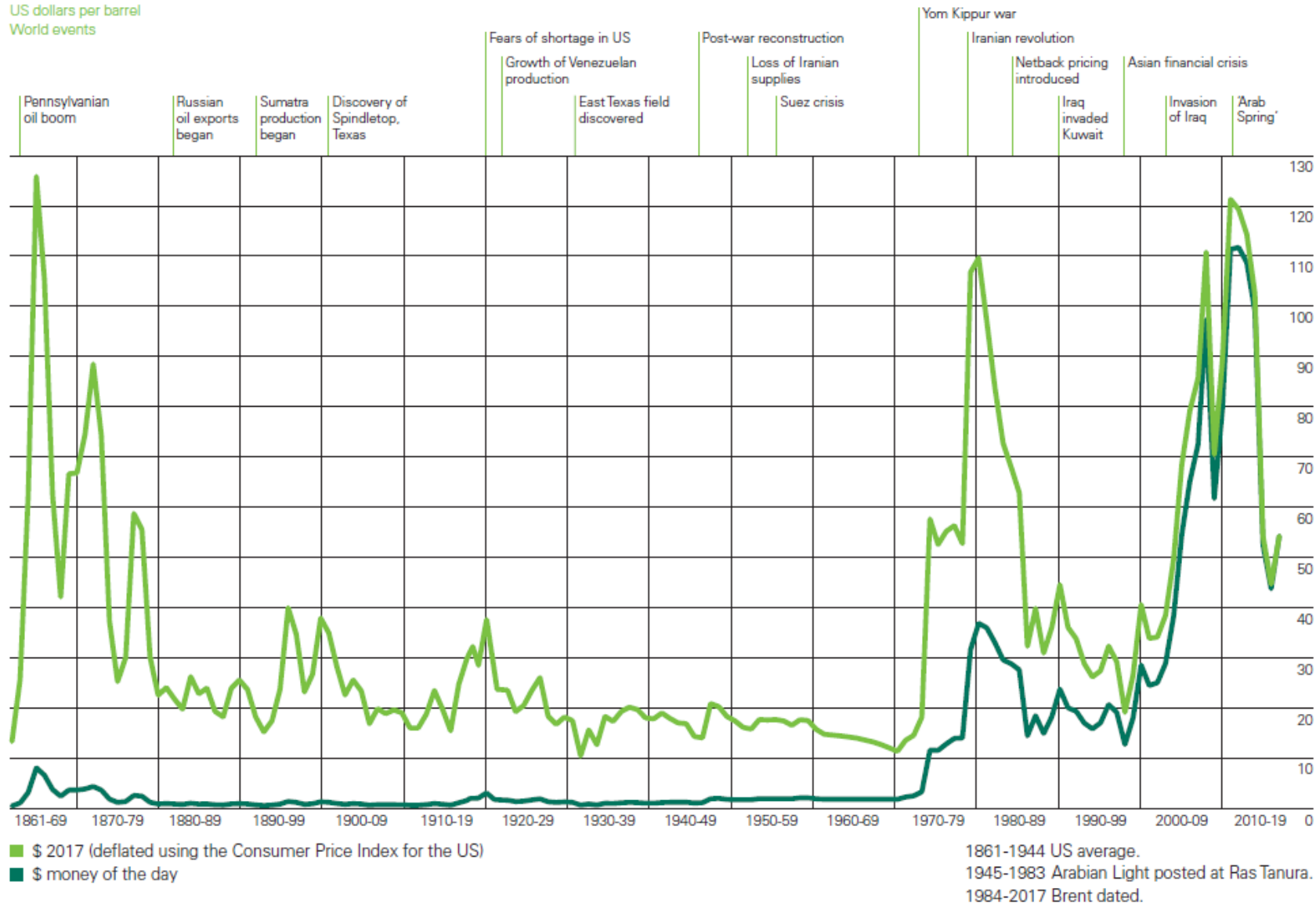
Institutt for geovitenskap og petroleum - 2017



Alle geo- og petroleumsdisciplinene samlet geografisk

Crude oil prices 1861-2017

US dollars per barrel
World events



Kilde: BP statistical review

BRU21 – NTNU strategy for Oil and Gas

41 Fact finding meetings with the industry & authorities

- ❑ What are the major challenges for the O&G industry?
- ❑ What are “break-through technologies” for oil prices at 30 \$?
- ❑ How can NTNU contribute to deliver future technologies & education in O&G?



BRU21 Report – NTNU Strategy for Oil & Gas www.ntnu.edu/bru21

BRU21

Better Resource Utilization in the 21st century



NTNU Strategy for Oil and Gas

What are the major challenges for the O&G industry on the Norwegian Continental Shelf in the future and the contribution from academia for solutions

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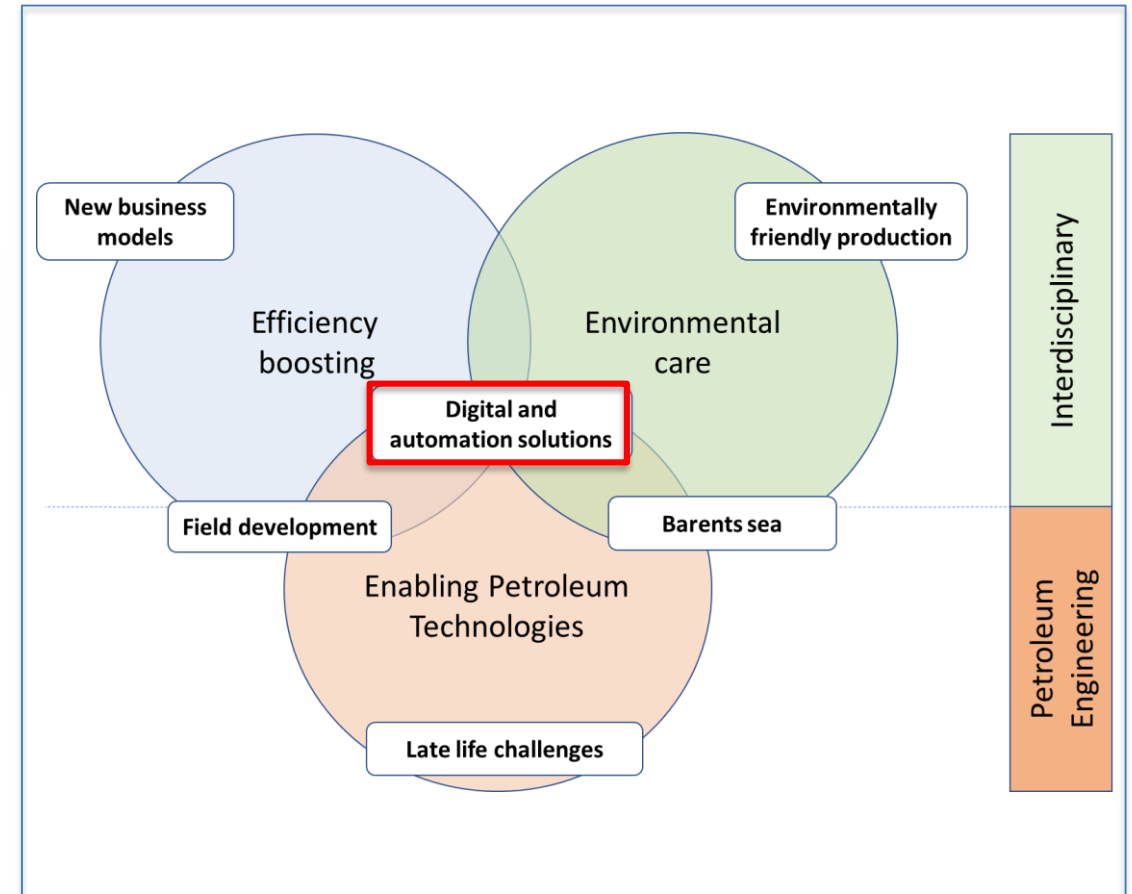
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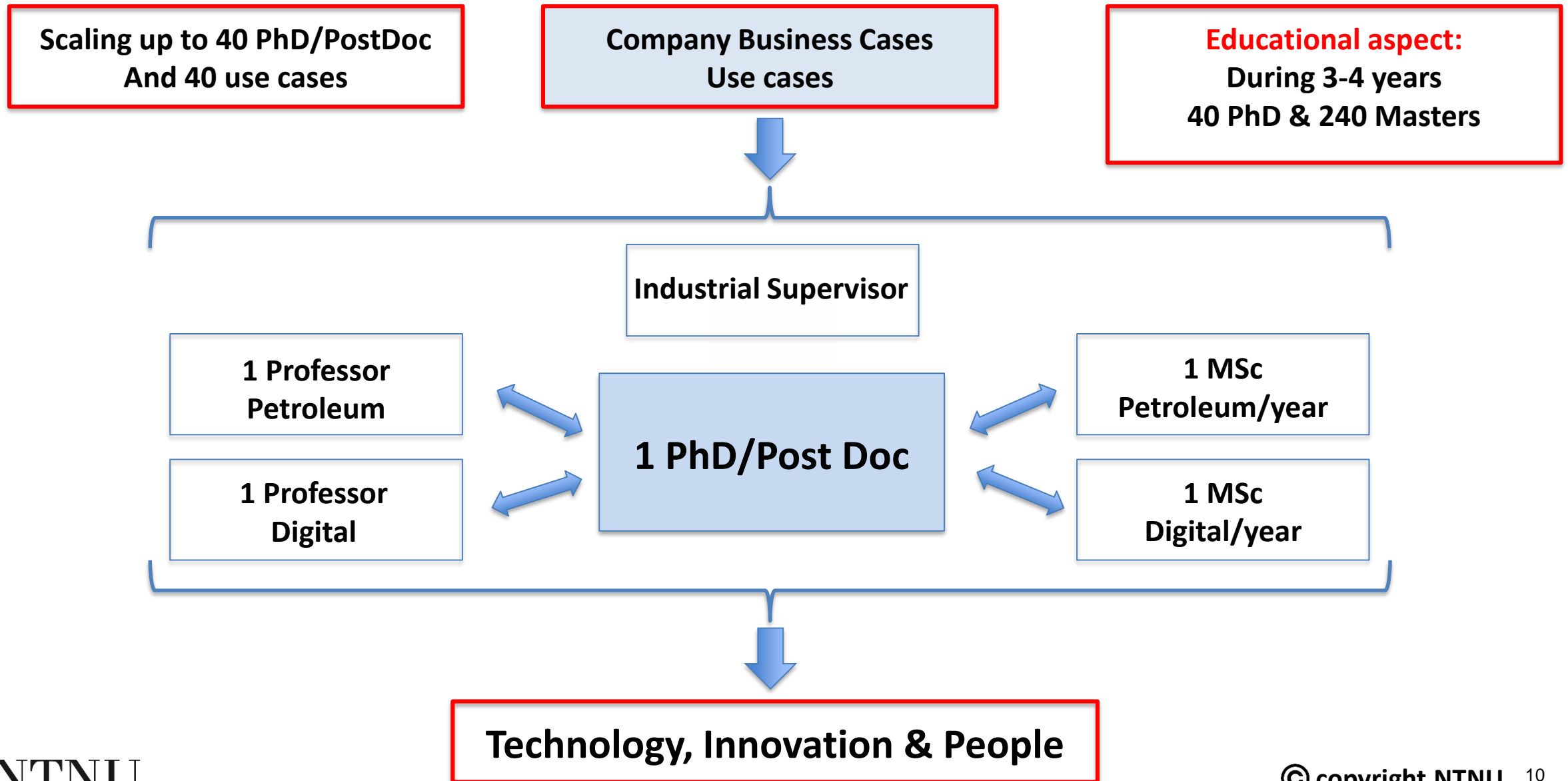
Company inputs



BRU21 - NTNU Strategy for Oil and Gas Six areas identified in the fact finding meetings

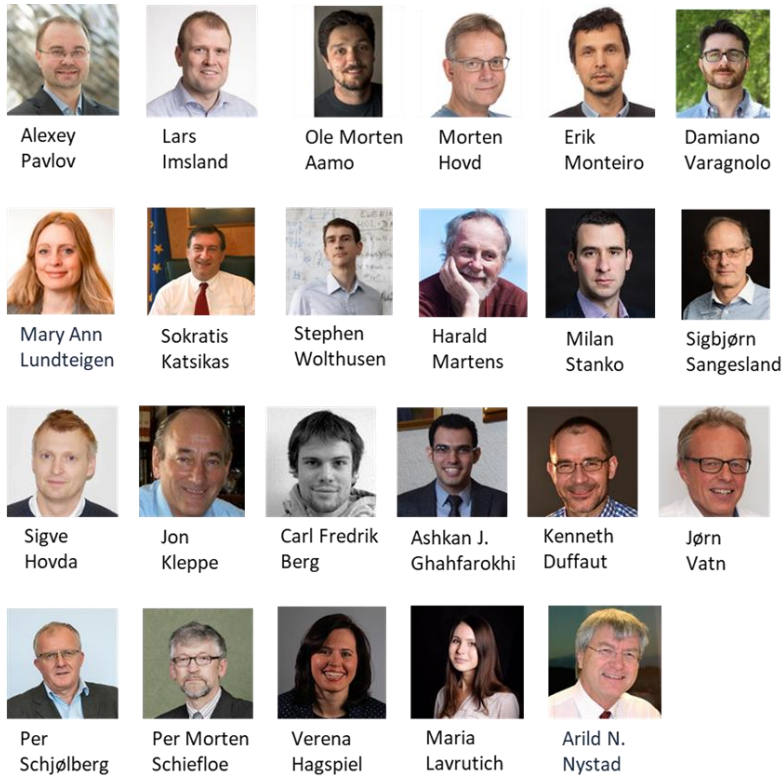


BRU21 Innovation model



BRU21: Digital and Automation Solutions for O&G Industry

Academic team: 22 professors

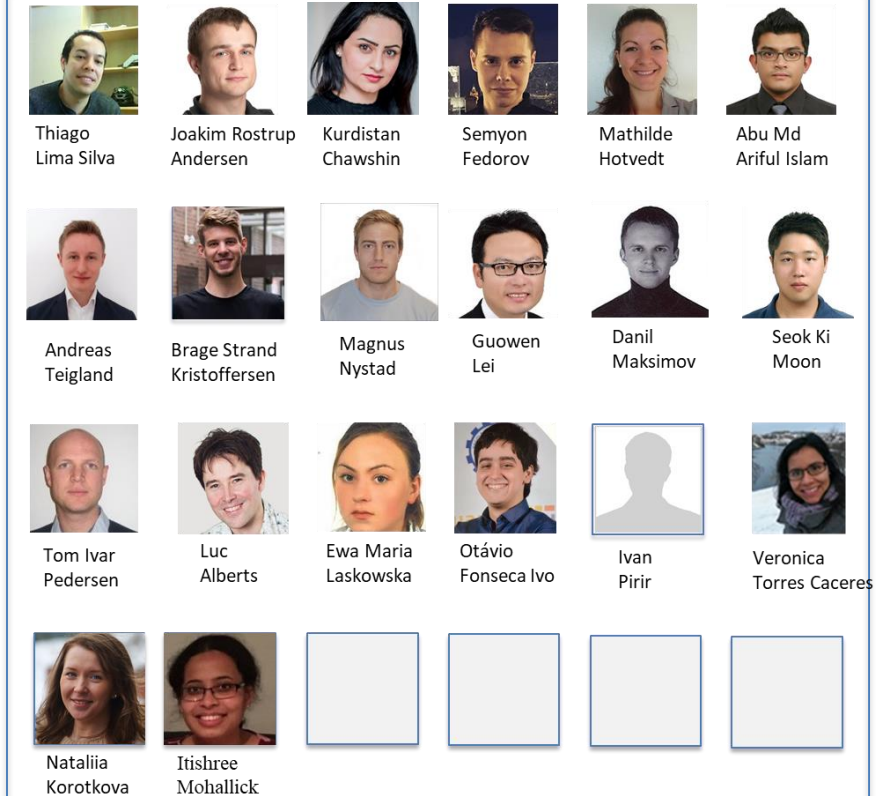


7 departments / 4 faculties

May 2019:
65 people

17 industrial supervisors

26 PhD / PostDocs





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