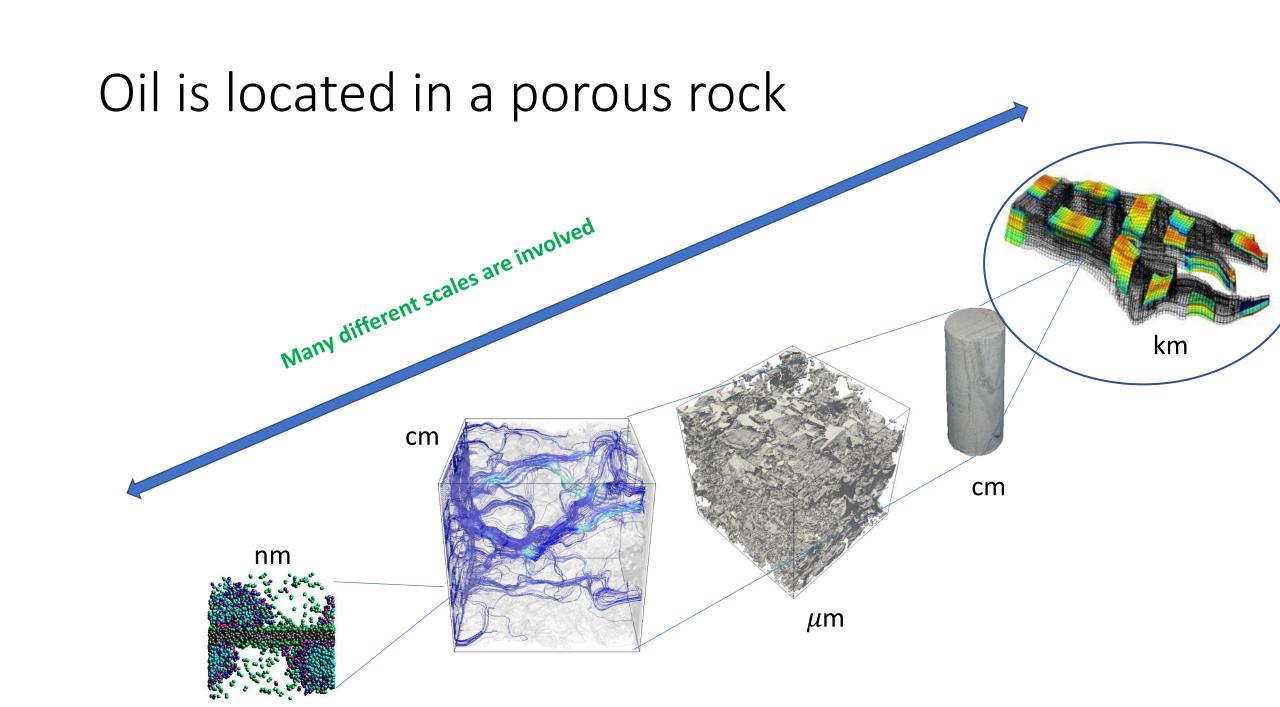
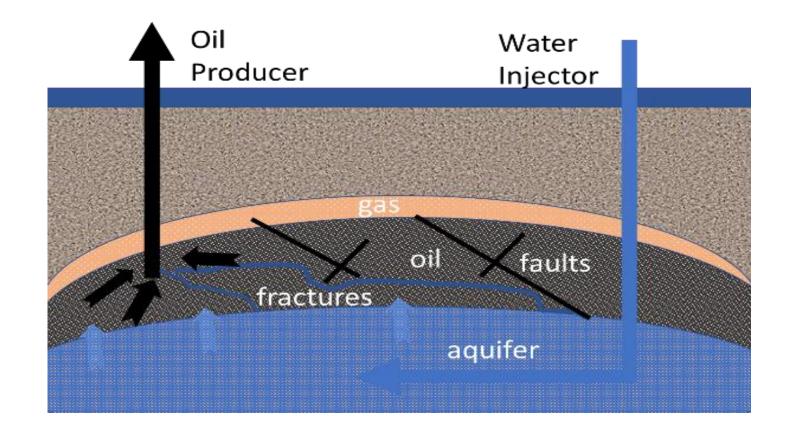
## DATPREP

Project – Modeling an oil reservoir Aksel Hiorth and Oddbjørn Nødland 2020



### How do we get it out?

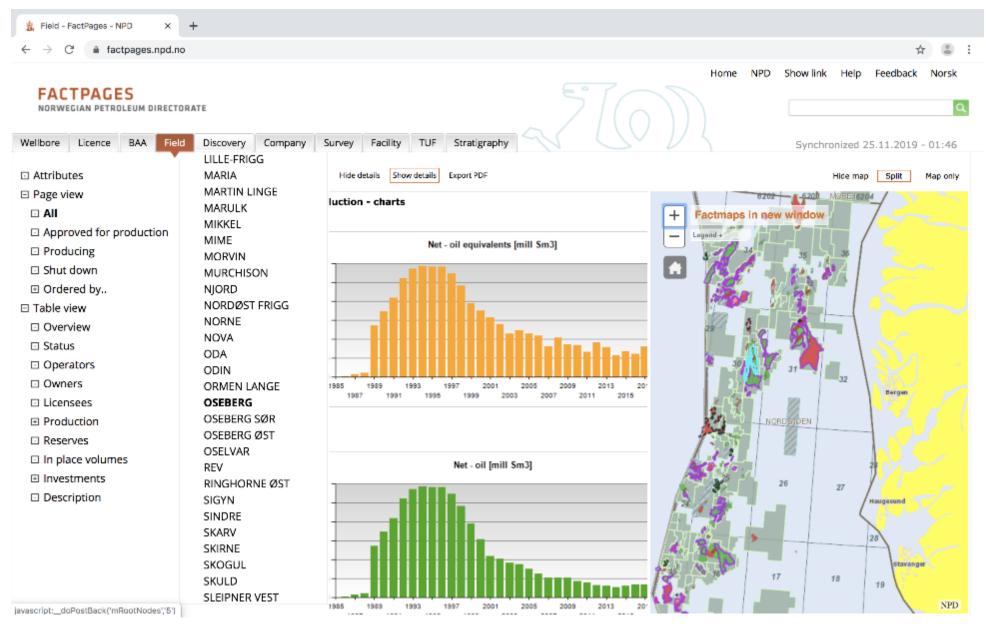
• Replace oil with a cheaper fluid, e.g. water or CO2





Production of petroleum shall take place in such a manner that as much as possible of the petroleum in place in each individual petroleum deposit, or in several deposits in combination, will be produced. The production shall take place in accordance with prudent technical and sound economic principles and in such a manner that waste of petroleum or reservoir energy is avoided. The licensee shall carry out continuous evaluation of production strategy and technical solutions and shall take the necessary measures in order to achieve this.

### Data freely available on NPD factpages



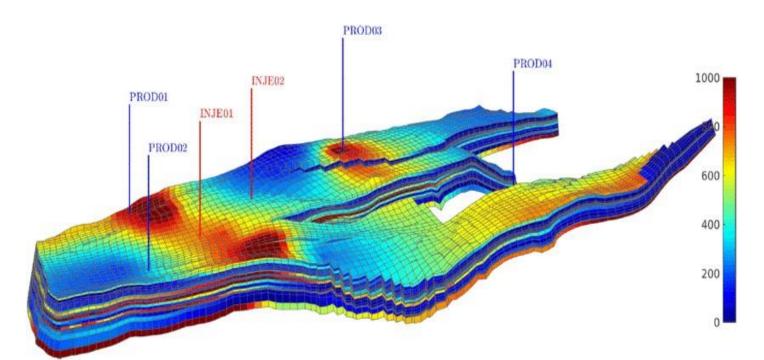
### To interpret data we need a model

# A model is a *sufficient* simplification of a real world problem

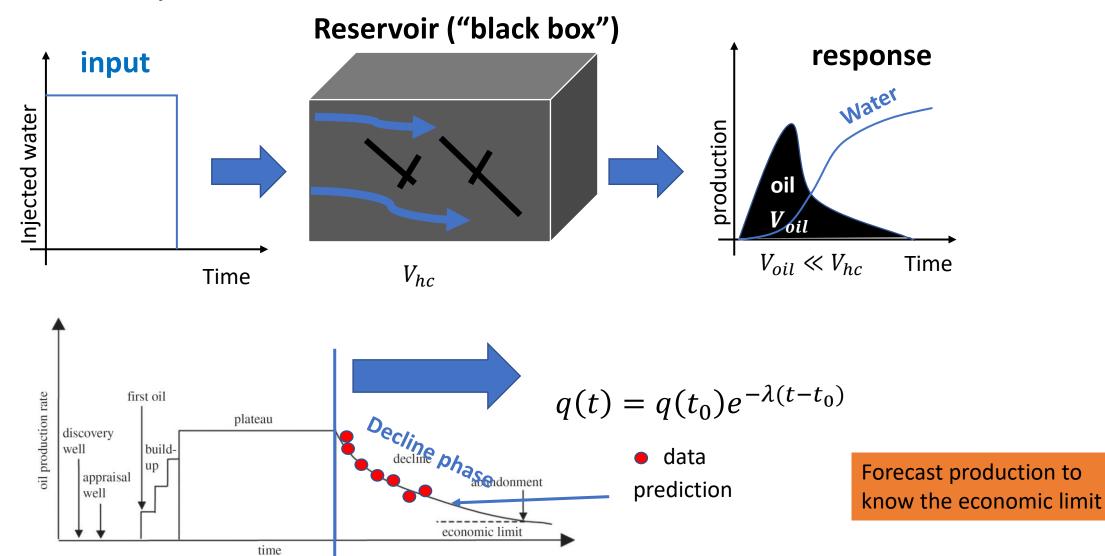
Models have no value in and off themselves. They only have value to the extent they are *useful* for some specific purpose.

#### Reservoir models:

- Needs lot of data
- Good for field specific studies



### Conceptual Model



### Get started

