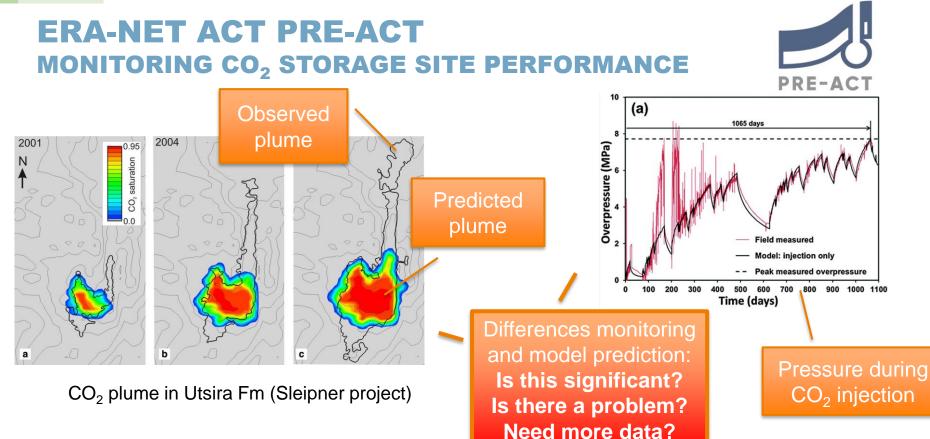
## ERA-NET ACT PRE-ACT

Monitoring CO<sub>2</sub> storage performance | Filip Neele











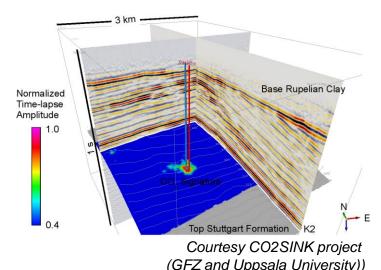
## **ERA-NET ACT PRE-ACT** MONITORING CO<sub>2</sub> STORAGE SITE PERFORMANCE



innovation for life

#### Key questions:

- How best to monitor CO<sub>2</sub> in reservoir / subsurface?
- How well can we determine site performance (= safety and security of CO<sub>2</sub> storage)
- > What are the uncertainties in geological knowledge *and* in monitoring data?







### **ERA-NET ACT PRE-ACT** MONITORING CO<sub>2</sub> STORAGE SITE PERFORMANCE

Impact

- Better understanding of monitoring requirements design principles for 'fit-for-purpose' monitoring system
- Guidance for storage operators and regulators how to decide whether system is performing as planned





### **ERA-NET ACT PRE-ACT** MONITORING CO<sub>2</sub> STORAGE SITE PERFORMANCE

#### **Pre-ACT facts**

- Budget: M€ 5.2
- Duration: 1/9 2017 31/8 2020
- Partners: SINTEF (coordinator), BGS, GFZ, TNO, NORSAR, PML
- > Industry: Shell, Statoil, TAQA, Total





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