Resoptima

Resoptima

The leader in reservoir management solutions

Resoptima: a different company

Resoptima is driving the transition of the upstream industry to an effective management of subsurface uncertainties using ensemble-based modelling.

Founded in 2010, Resoptima has come a long way from a pioneering start-up to an international organization.

Our disruptive technologies have gradually become mainstream to the industry. As the first mover, Resoptima leads the industry by delivering a mature and fully integrated product backed by an organization entirely dedicated to embracing uncertainty in subsurface modelling and reservoir management.
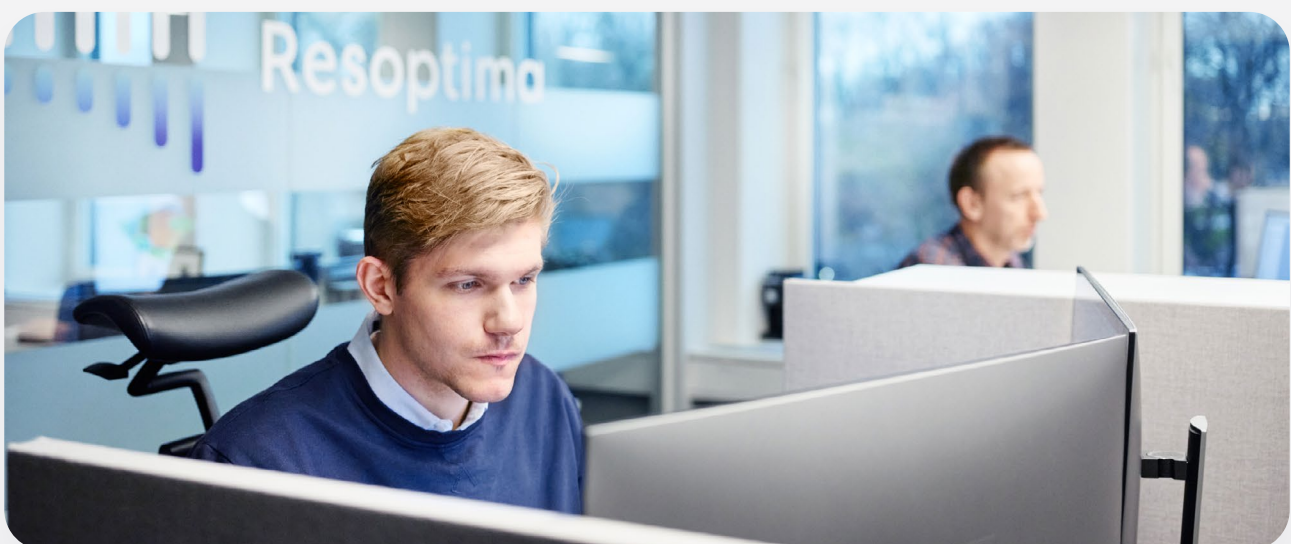
A dedicated partner for transformation

- Building on 20 years of research
- Several Joint Industry Projects (JIP)
- Adapting technologies to upstream needs

Proper risk assessment — better answers

- Repeatable modelling workflows
- Actionable reservoir intelligence

Efficient integration

- Fully scalable, cloud or on-premises
- Member of the OSDU™ Forum

TRADITIONAL APPROACH

① STATIC MODELLING	② DYNAMIC MODELLING & HISTORY MATCHING	③ RESERVOIR MANAGEMENT & DECISION-MAKING

TIME →

OUR APPROACH

①② ENSEMBLE GENERATION — SIMULTANEOUS MODELLING & DATA CONDITIONING	③ RESERVOIR MANAGEMENT & DECISION-MAKING

Efficiently improving production

As custodians of their assets, operators need to make critical decisions to optimize production over the whole life cycle of a reservoir. Traditional reservoir management processes spend months if not years building a single highly detailed static model followed by dynamic history matching. Resoptima technology solutions leverage the information in all available static and dynamic data simultaneously, delivering a full ensemble of models that quantify subsurface uncertainties. The automated process produces a spread of all equally probable outcomes, with associated risks. This makes it easier to systematically screen different investment opportunities and decide on the best course of action to improve reservoir performance.

Learn more

Stavanger
Oslo (Headquarters)
Bucharest
London
Houston
Algiers
Abu Dhabi
Kuala Lumpur
Rio de Janeiro
Perth

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