

A photograph of an offshore oil rig platform, featuring yellow structures and railings, with two workers in red suits visible. The platform is set against a backdrop of a vast blue ocean and a sky filled with white clouds.

A Sea of Opportunity in the Netherlands

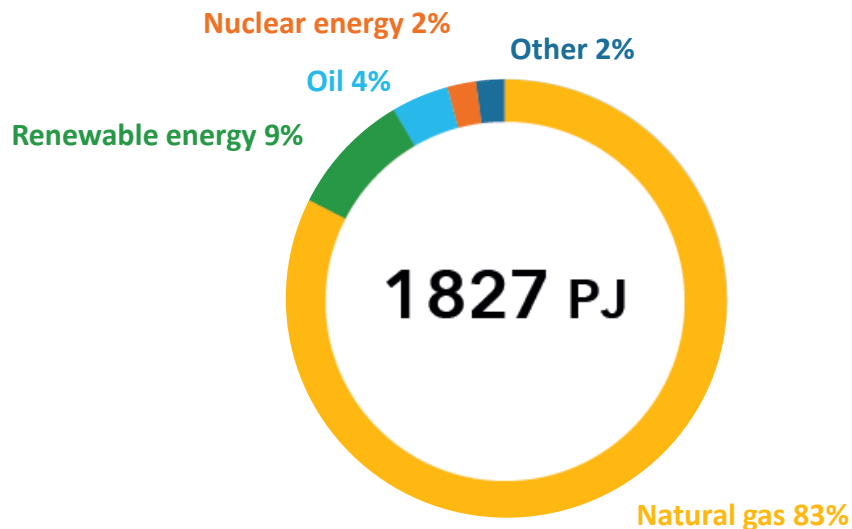
Focus on the Dutch Basin

Linda Janssen, Geoscientist, EBN

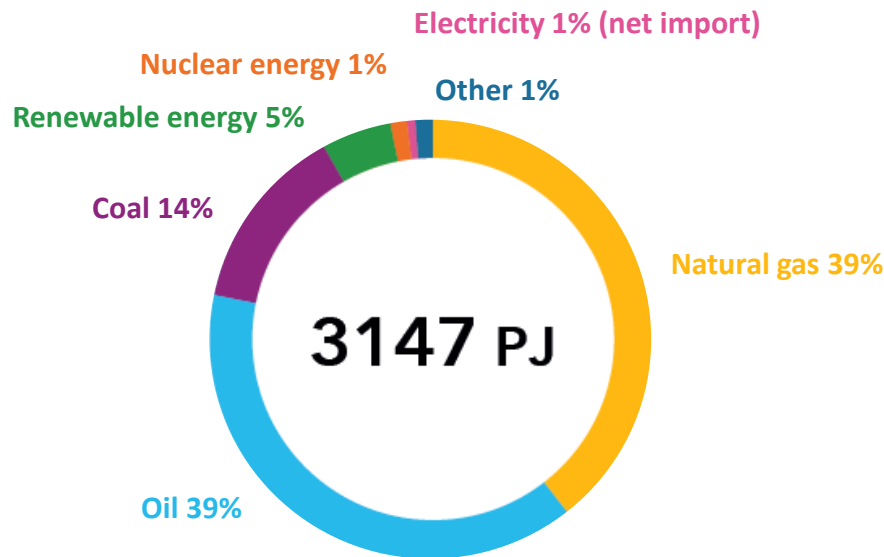
ebn

Why do we need to explore?

Energy generation

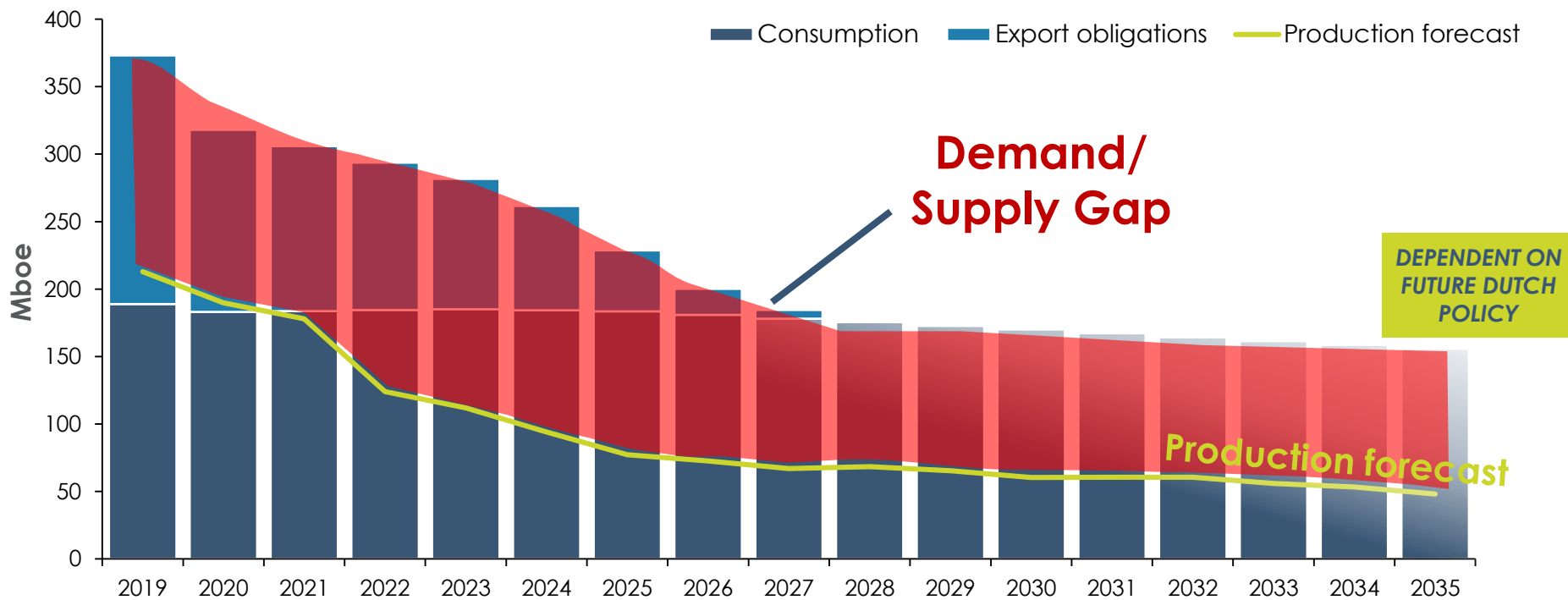


Primary energy consumption



The need for exploration - The energy gap

Forecast of gas production and demand in the Netherlands (Mboe)





O&G opportunities

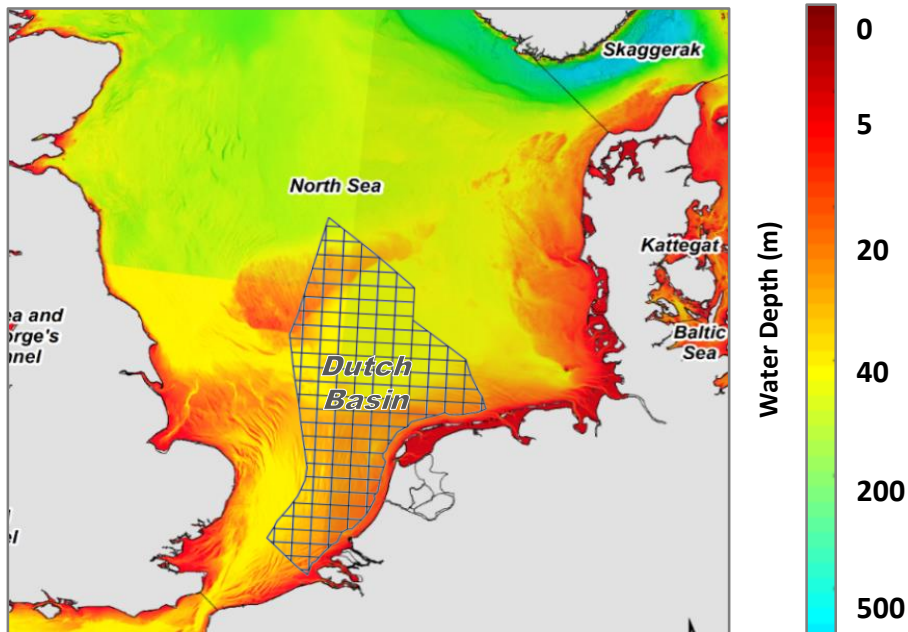
- Business case for Dutch exploration
- Your gateway to subsurface data
- The Dutch exploration potential
- The role of EBN
- Key take-aways



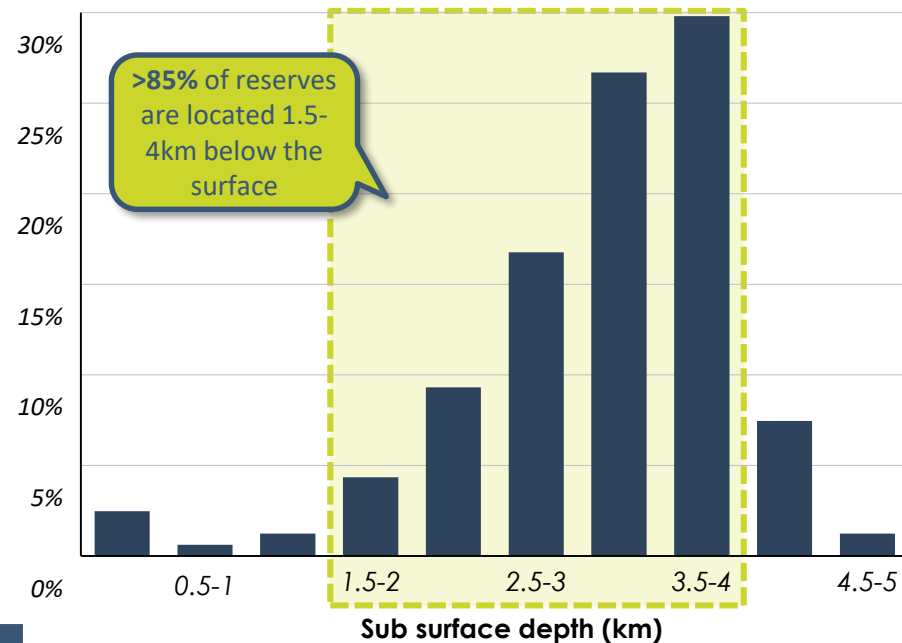
Business case for Dutch exploration

Low cost exploration

Bathymetry of the Southern North Sea



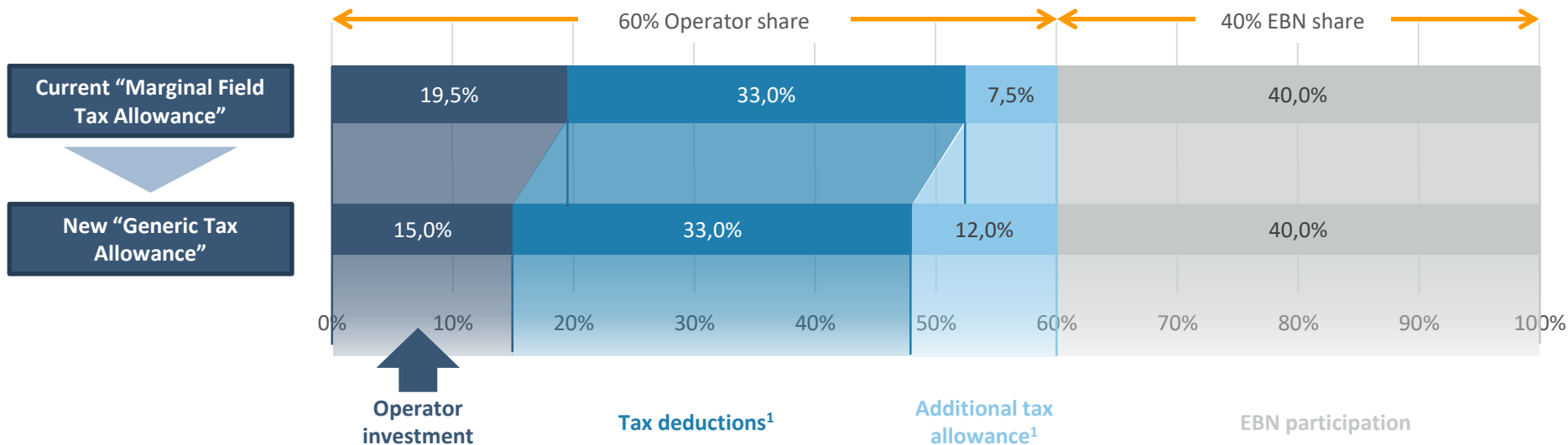
Subsurface depth of Dutch offshore gas reserves



Incentive for investment

Operators will only bear 15% of exploration investment costs due to an updated tax allowance

- **EBN invest 40%**
- The **new tax allowance** reduces operator investment to **15% of total investment**

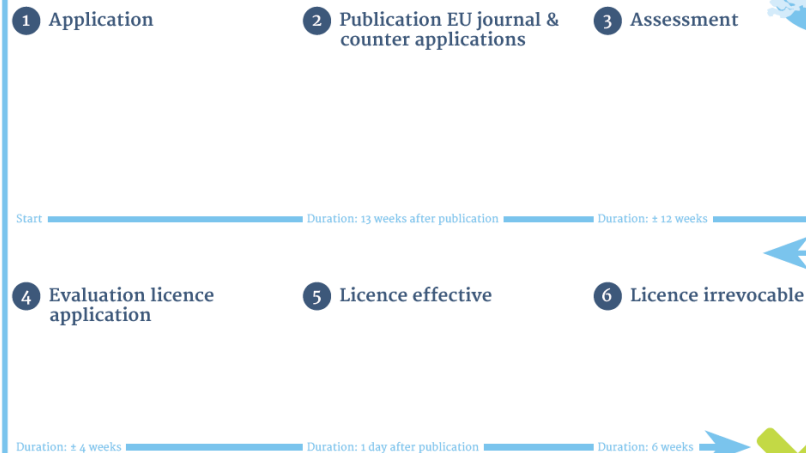


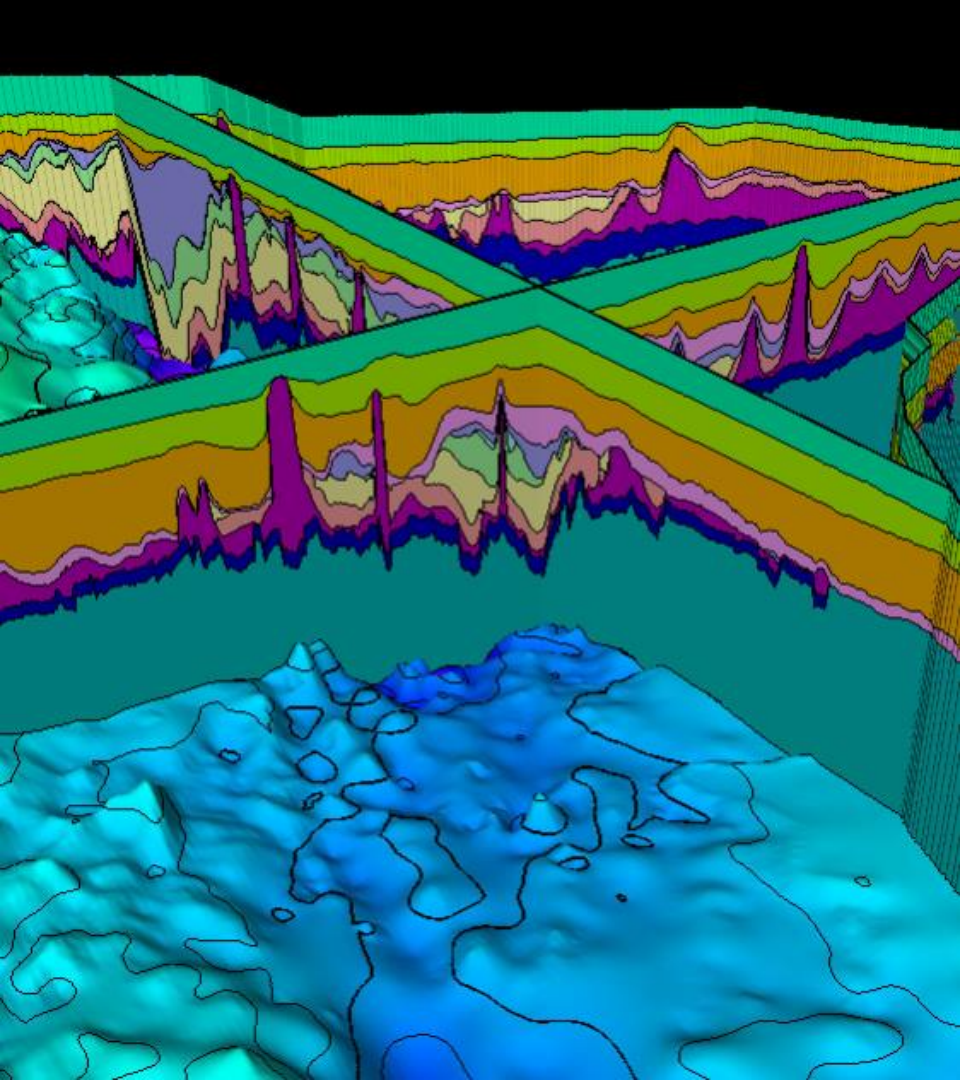
Licence policy

- The Netherlands has an **Open Door policy** meaning that licences can be applied for at any time
- **No** licence rounds
- Application is **free of charge**

More information about the
licence application
process in booth 46

Exploration licence





**Your gateway to
subsurface data**

**DEMO's in
Booth 46**

Your gateway to Dutch data

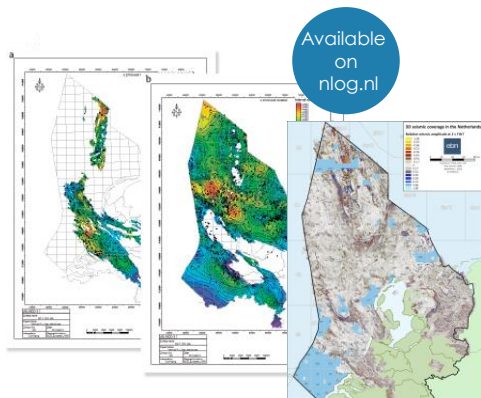
Databases publicly
available at
www.ebn.nl



Subsurface data

Subsurface data available **free** of charge
at www.nlog.nl

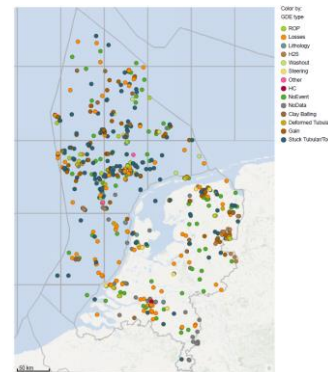
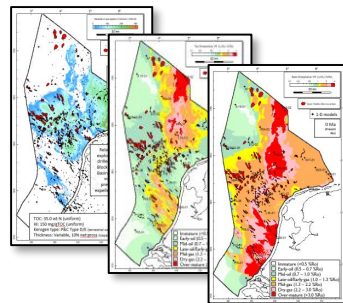
(seismic, well data, production data,
porosity/permeability data, interpretations,
papers etc.)



From data to information

EBN Databases:

- Hydrocarbon show database
- Geo-Drilling events database
- Petroleum System Analysis database



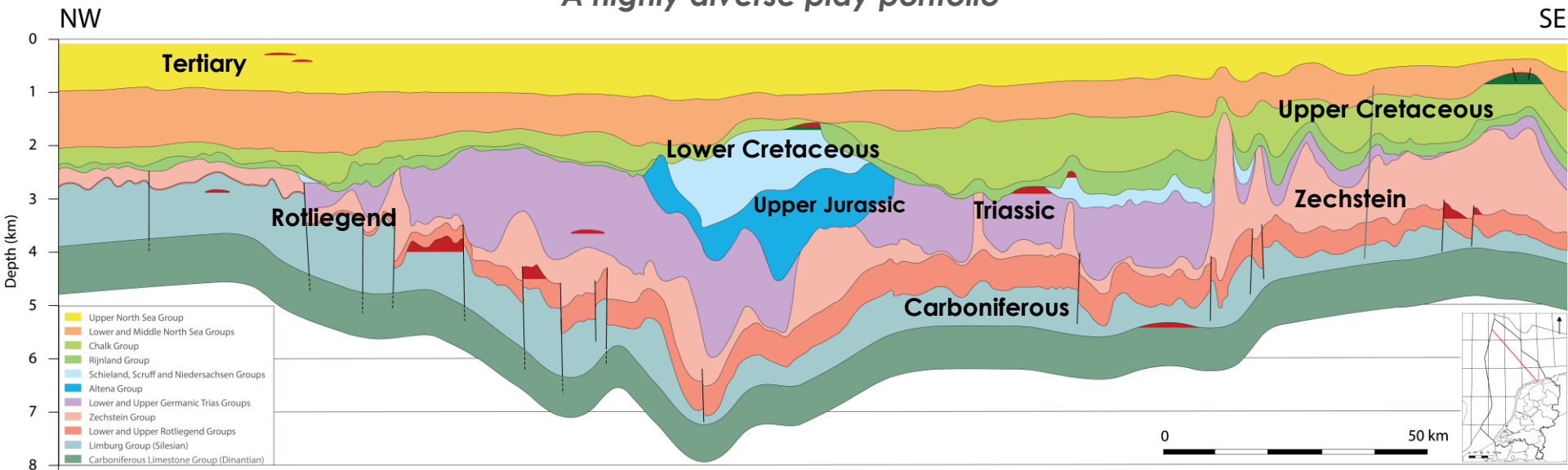


The Dutch exploration potential



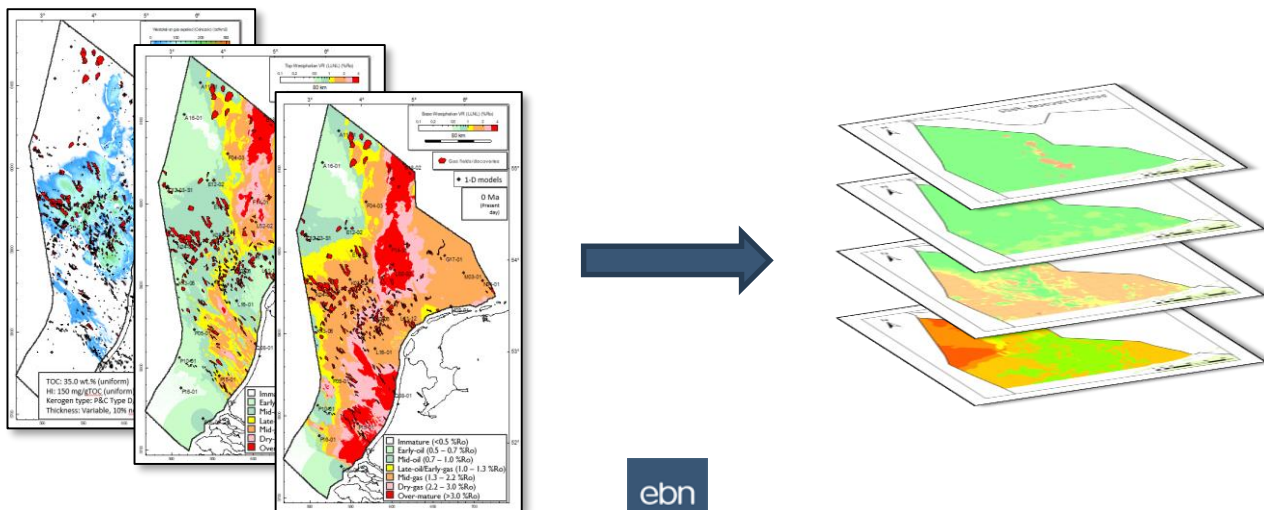
NL Offshore exploration potential

A highly diverse play portfolio



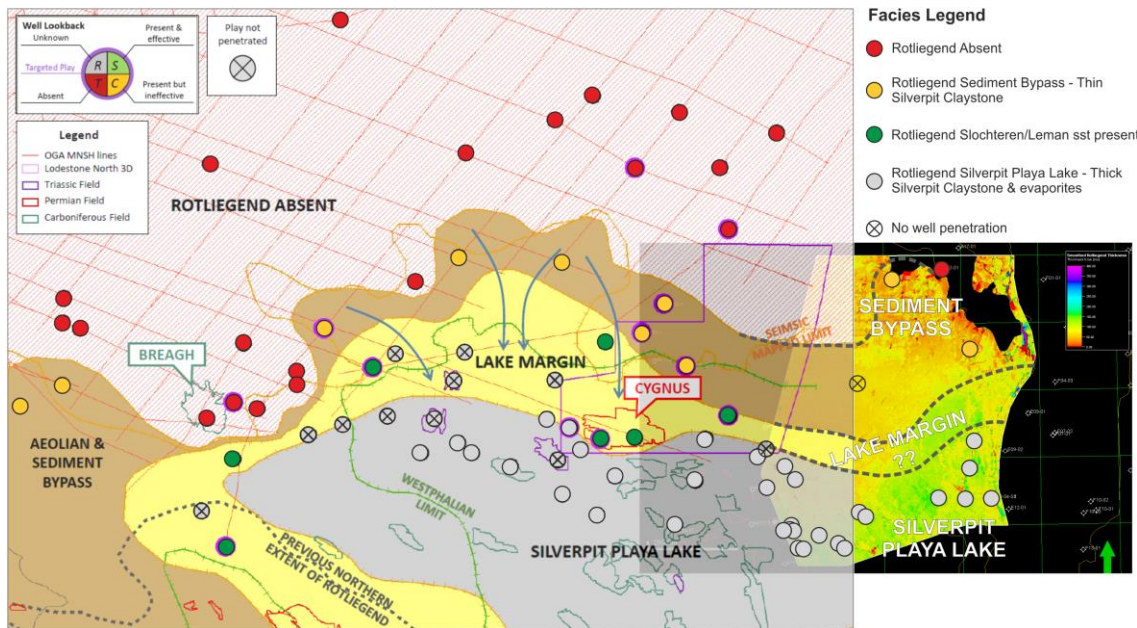
Regional exploration studies

- **Regional Petroleum System Analysis**
 - Regional basin modelling study based on public data for input
 - **Full study publicly available (for free!) via www.ebn.nl**
- Results will be **input** for furthering **Play Based Exploration** work



Play studies

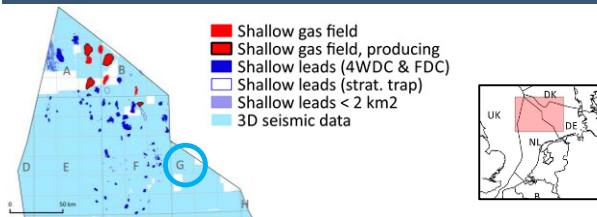
- Continuous work on the **Cygnus play** in the **Northern Offshore Netherlands**, follow-up of a study commissioned by the OGA (UK)
- This study focuses on the Permian section – chasing the Leman (UK)/ Slochteren (NL) Sandstone further to East from Mid North Sea High study into the northern Dutch offshore



Exploration opportunities

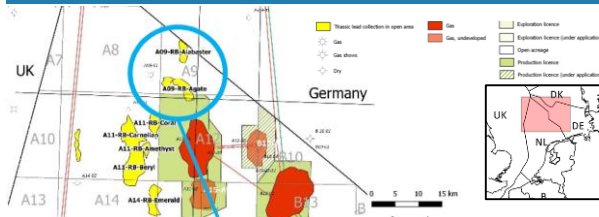
We can offer several exploration opportunities which are already at lead plus level

F09-P6, Shallow gas



- Seismic data (e.g. bright spots) suggests presence of gas in F09-P6
- **Shallow depth** allows simple well drilling and development
- **Proximity to oil** leads F09-Stelvio and F08-Ventoux, potentially allowing for combined development
- POSg: 63%

A09-RB-Agate, Triassic

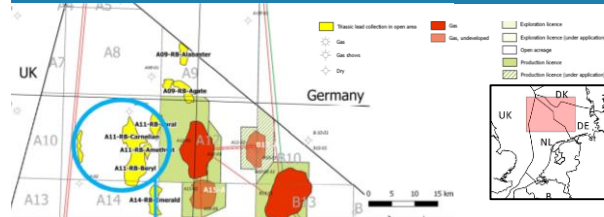


Dutch Triassic is underexplored, although it is a **proven play elsewhere in SNS**

Proximity to existing infrastructure in block A12 allows options for tiebacks or stand-alone development

- Largest of 3 leads in A09
- Covered by **3D seismic data**
- POSg: 22%

A11-RB-Beryl, Triassic



- Largest of 5 leads in A11
- Covered by **2D high density seismic data** and partly by **3D seismic data**
- POSg: 35%



The role of EBN

Introducing EBN

ebn is the Dutch National Oil & Gas Company

- Industry partner & co-investor in Oil, Gas and Geothermal
- **Non-operating partner** in exploration and production (**40%**)
- Partnership with many IOCs and innovative smaller players:



ebn brings unique expertise

- Joint venture management & governance
- Extensive **data and information** sharing
- Dutch **sub-surface expertise**
- Energy transition facilitation
- Hydrogen and CCS
- Decommissioning
- OPEX and CAPEX benchmarking & reduction
- Low CAPEX development

EBN Strategic Focus

EBN wants to make a significant contribution towards society's climate ambitions



Return to Nature

EBN co-ordinates the efficient decommissioning or re-use (e.g. CCS) of obsolete oil and gas platforms.



Our Dutch Gas

EBN develops solutions to optimise a sustainable and safe exploitation of existing gas fields.



New Energy

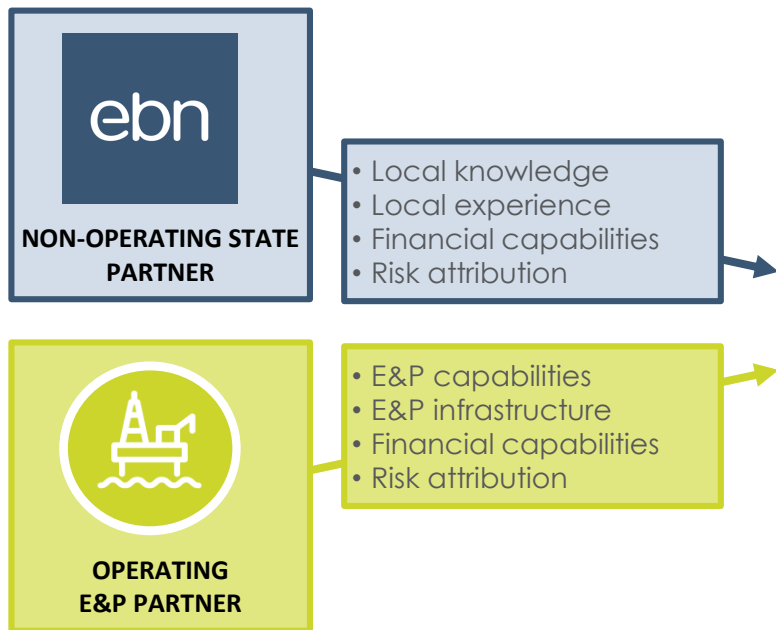
EBN builds partnerships for the efficient exploitation of geothermal energy and investigates new energy sources as hydrogen and green gas.



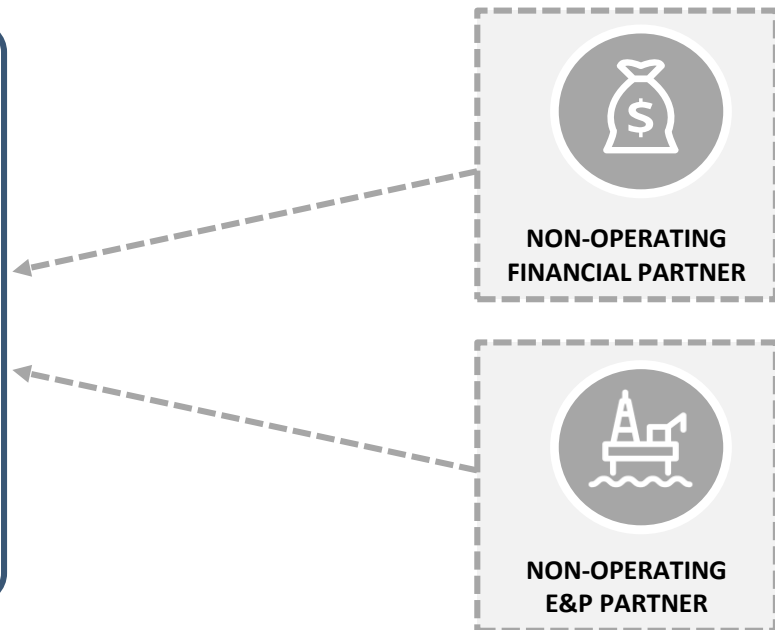
EBN partnership

By jointly investing in E&P, stakeholders share financial risks, thereby lowering the overall risk profile of their investment portfolio.

Required partners



Optional partners



Why explore in the Netherlands?

EBN as your **partner**

With a 40% share, financial exposure and risk is reduced

Full **support** from the **government**

The Ministry publicly supports gas exploration

Remaining **Offshore potential**

Several underexplored areas with remaining potential

Exploration studies

Continuous geological and geophysical studies by EBN

Incentive for **investment**

Improved tax allowance reduces exploration cost exposure from 19.5% to 15%

Low cost exploration

Most resources are in shallow water and shallow subsurface

Open Door licence policy

Licences can be applied for at any time

Free access to **data** & information

Subsurface data available on nlog.nl and ebn.nl

Win Win Win

- **Win for Operators**

- Share knowledge and skills
- Accelerated high grading of prospects
- More successful discovery wells

- **Win for EBN and Dutch state**

- Focussed and accelerated maturation of economic offshore prospects
- Economic Dutch gas production with lower footprint than imported gas

- **Win for all**

- Ensure offshore gas resources are safely and economically exploited to support the ***Energy Transition***



The Netherlands

- Energising the transition -

Booth 46

For posters, presentations
and brochures

Thank you for your attention

www.ebn.nl/en/exploration-production

