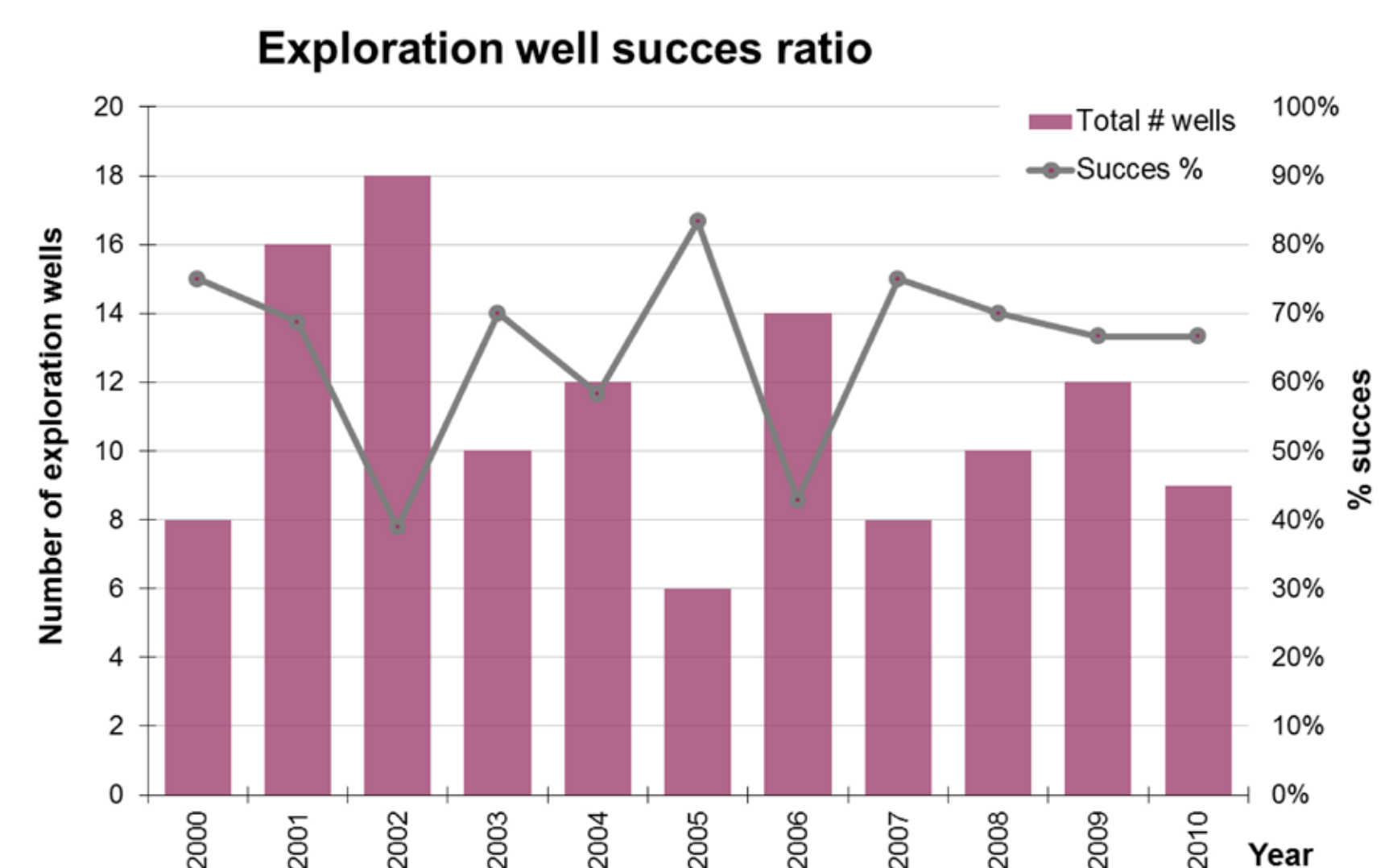


Hydrocarbon Prospectivity in the Netherlands

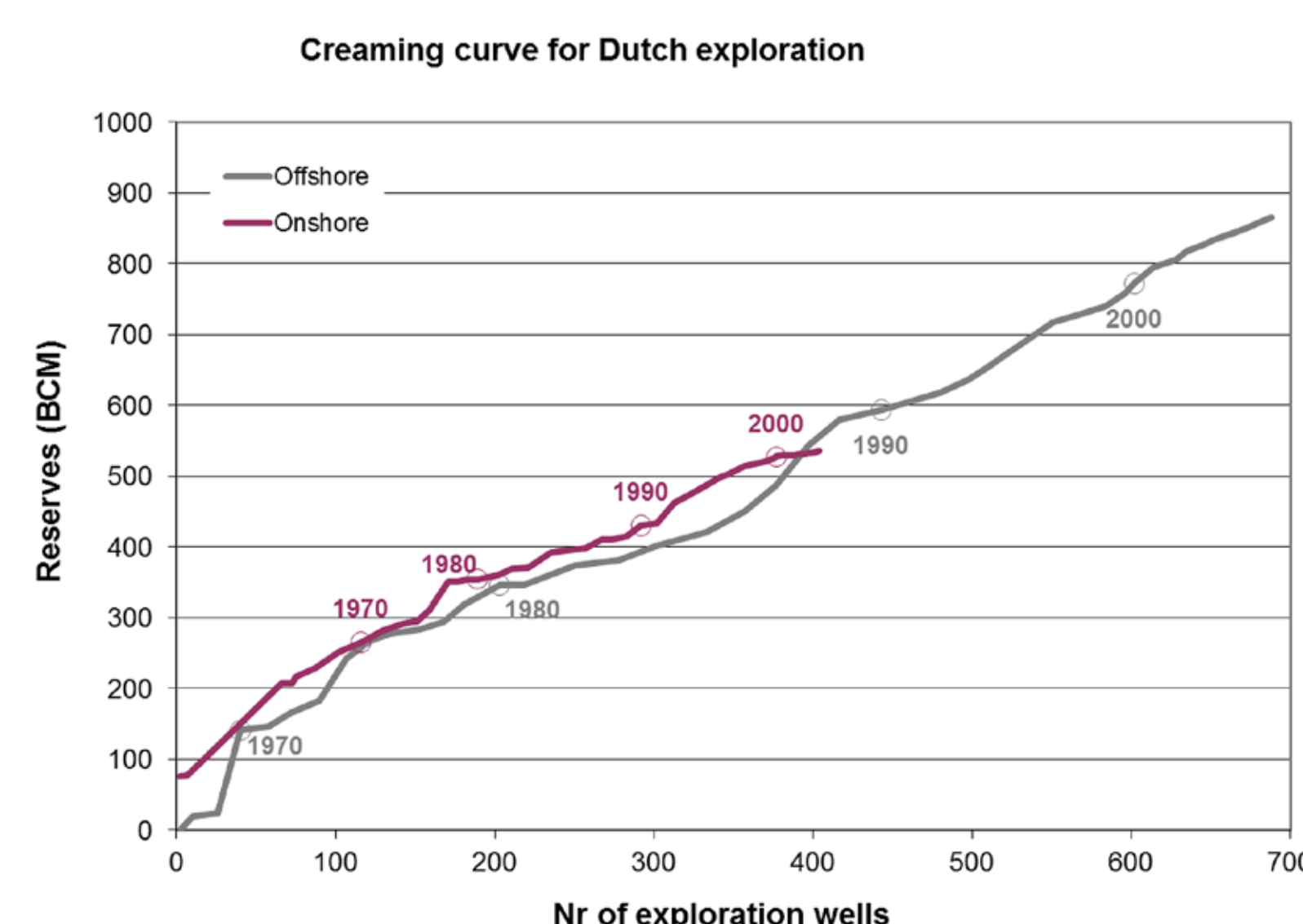
A lot of scope for exploration in a mature gas province

High success ratio exploration wells



and...

no sign of creaming



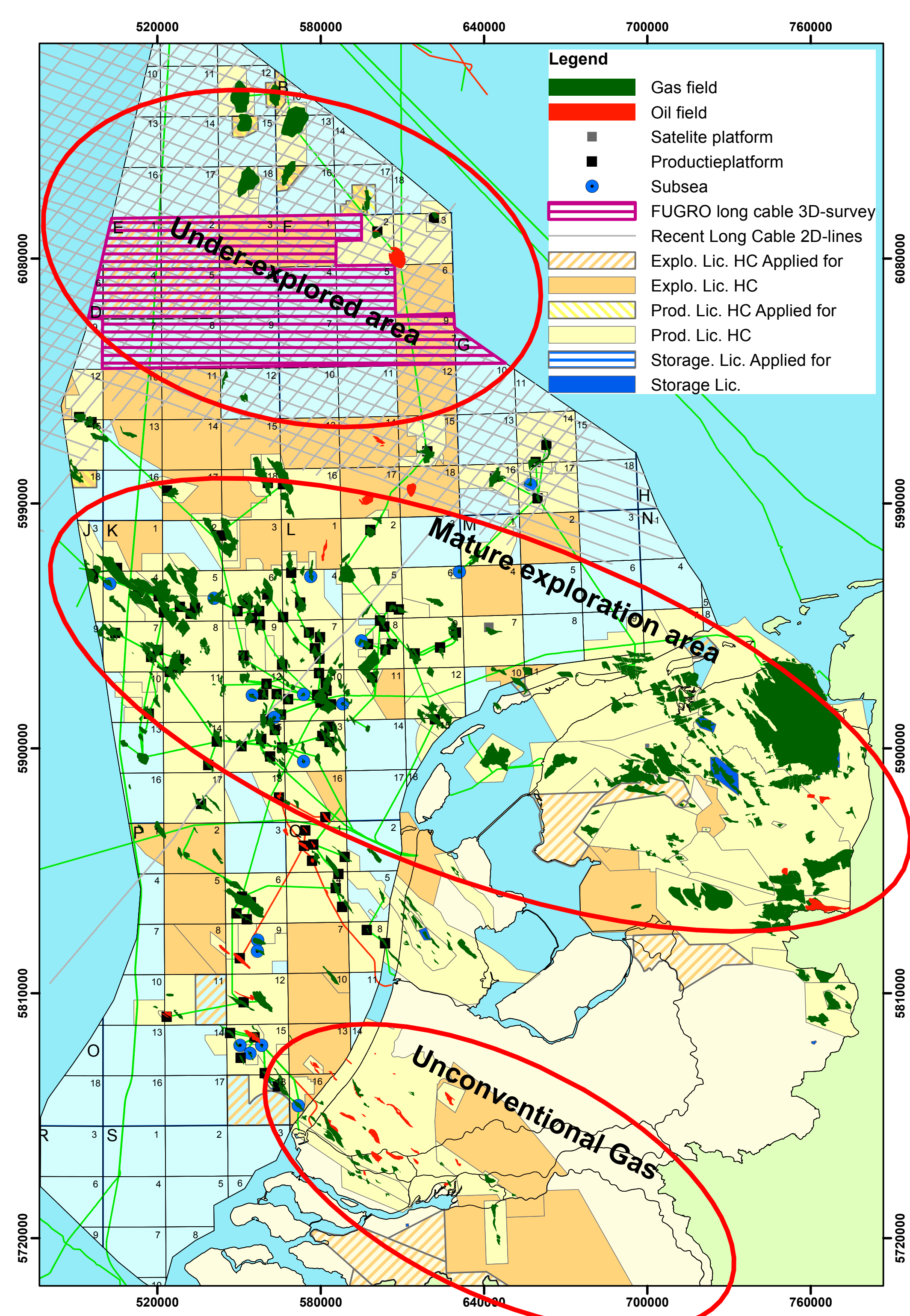
NL prospect portfolio characteristics

The current NL gas prospect portfolio for on- and offshore exploration is presented in the figures to the right.

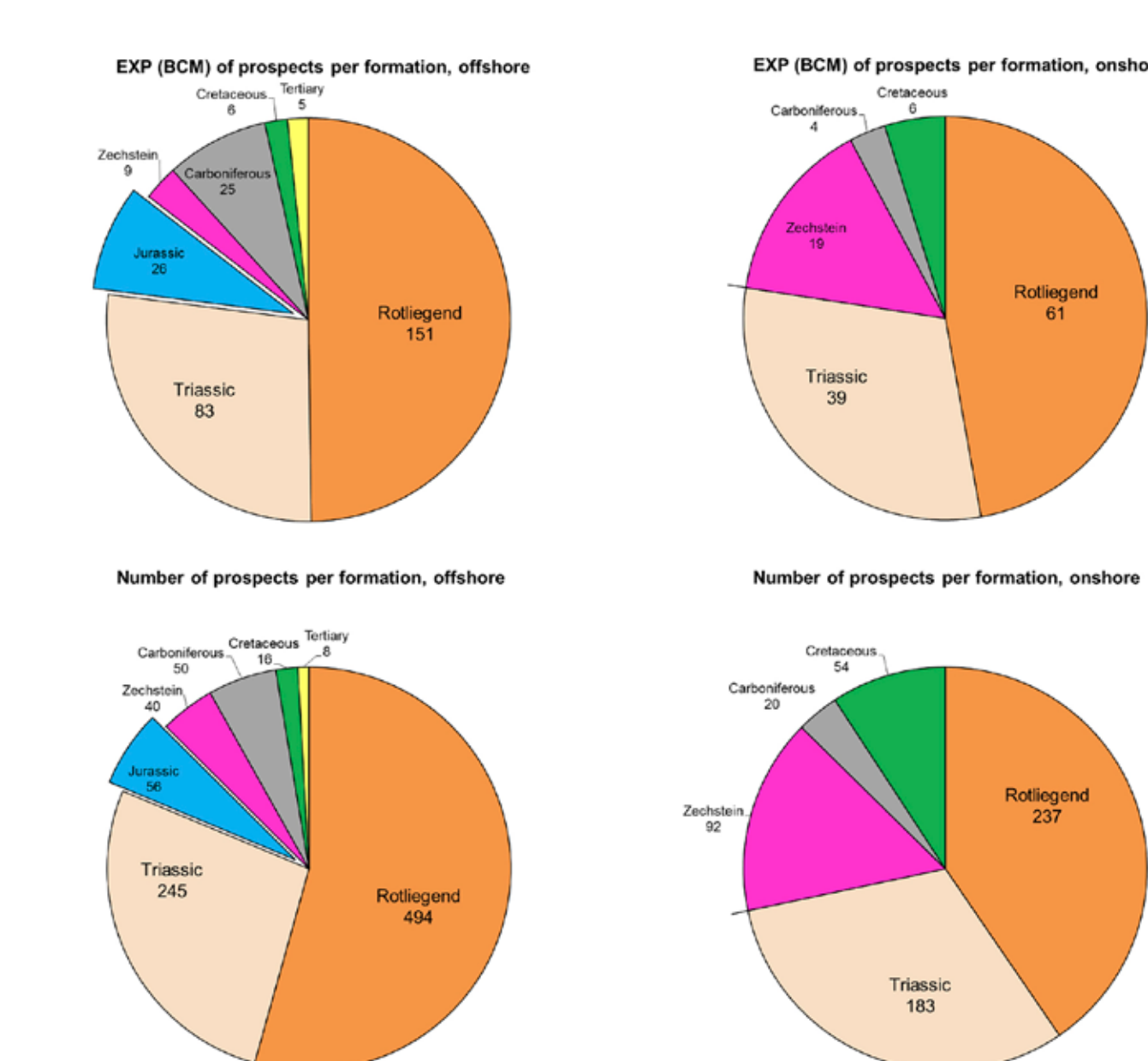
The prospects per formation type, are split for offshore and onshore and are characterized by the number of prospects and the associated Expectation (MSV X POS) volume of gas. The prospects per license type are characterized by the number of prospects and the associated Expectation volume of gas.

The bottom graph shows the classification of all prospects into MSV classes with the associated total MSV, color coded by POS of the gas prospects.

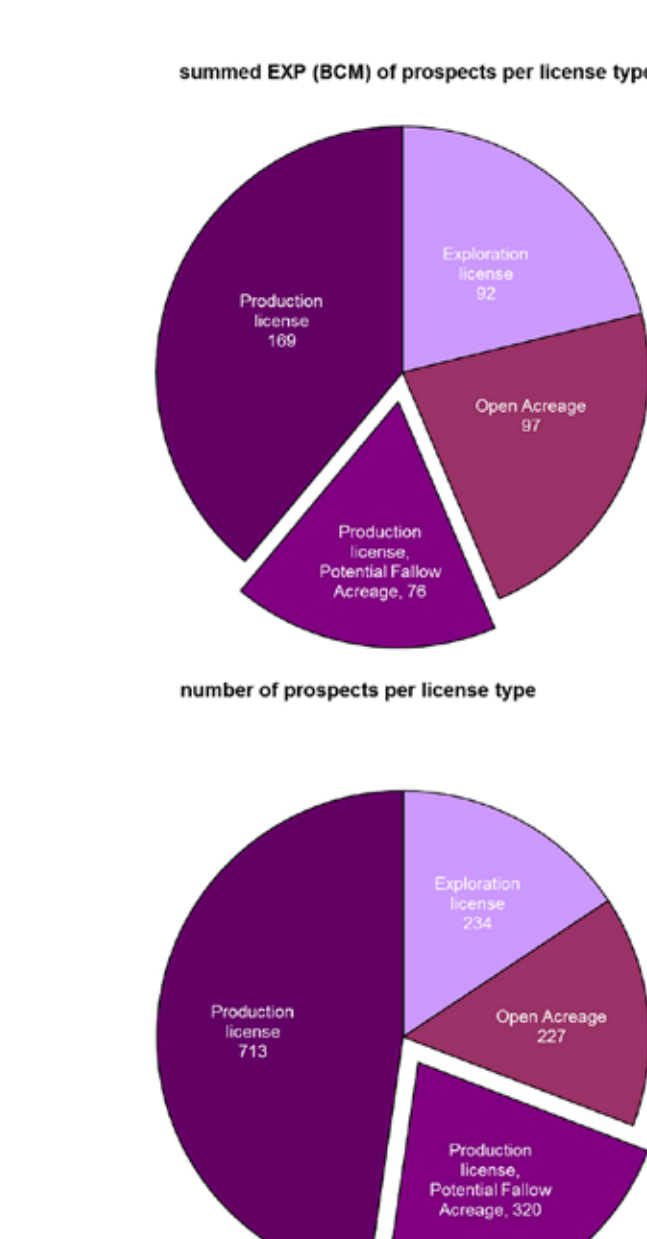
The graphs clearly show that there is still a lot to explore for in the proven plays in the Netherlands, both onshore and offshore. The portfolio of prospects holds an estimated risked volume of over 400 BCM of gas. Most of these future resources are reserovired in the Rotliegend Slochteren Formation and the Triassic Buntsandstein Group. Tax incentives have been put in place that make development of marginal finds very attractive.



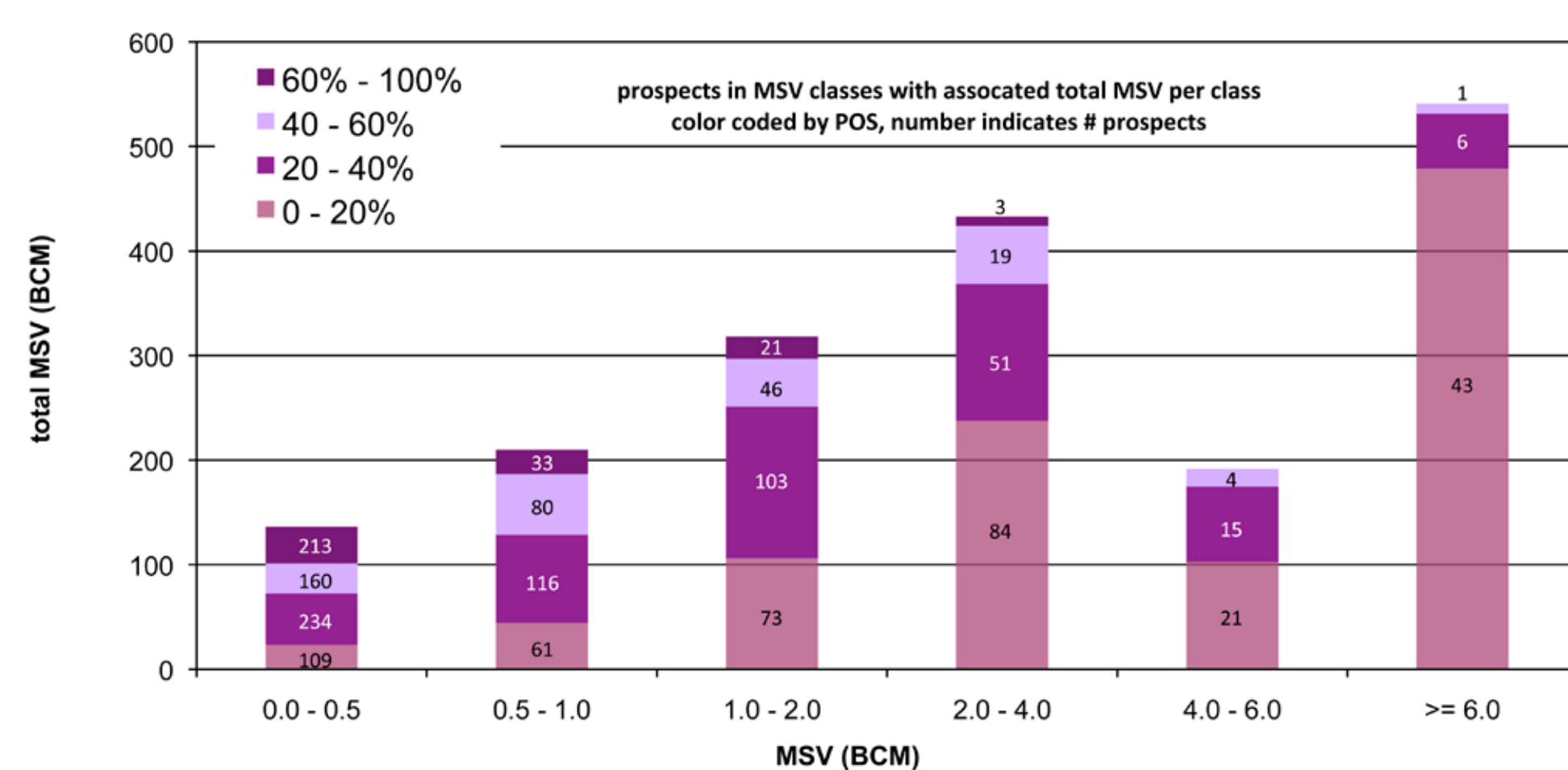
gas prospects per formation type



gas prospects per license type



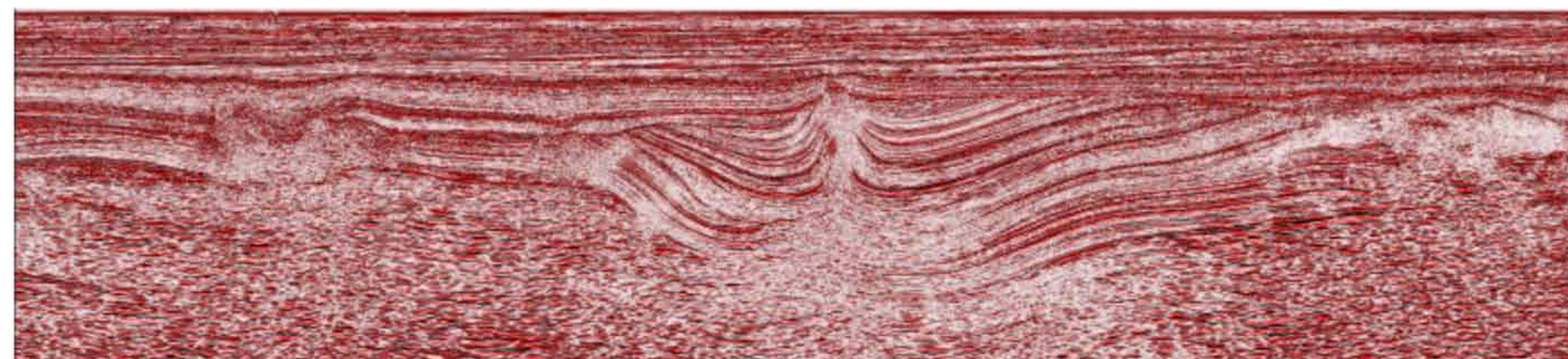
gas prospects in MSV classes



Underexplored areas and plays

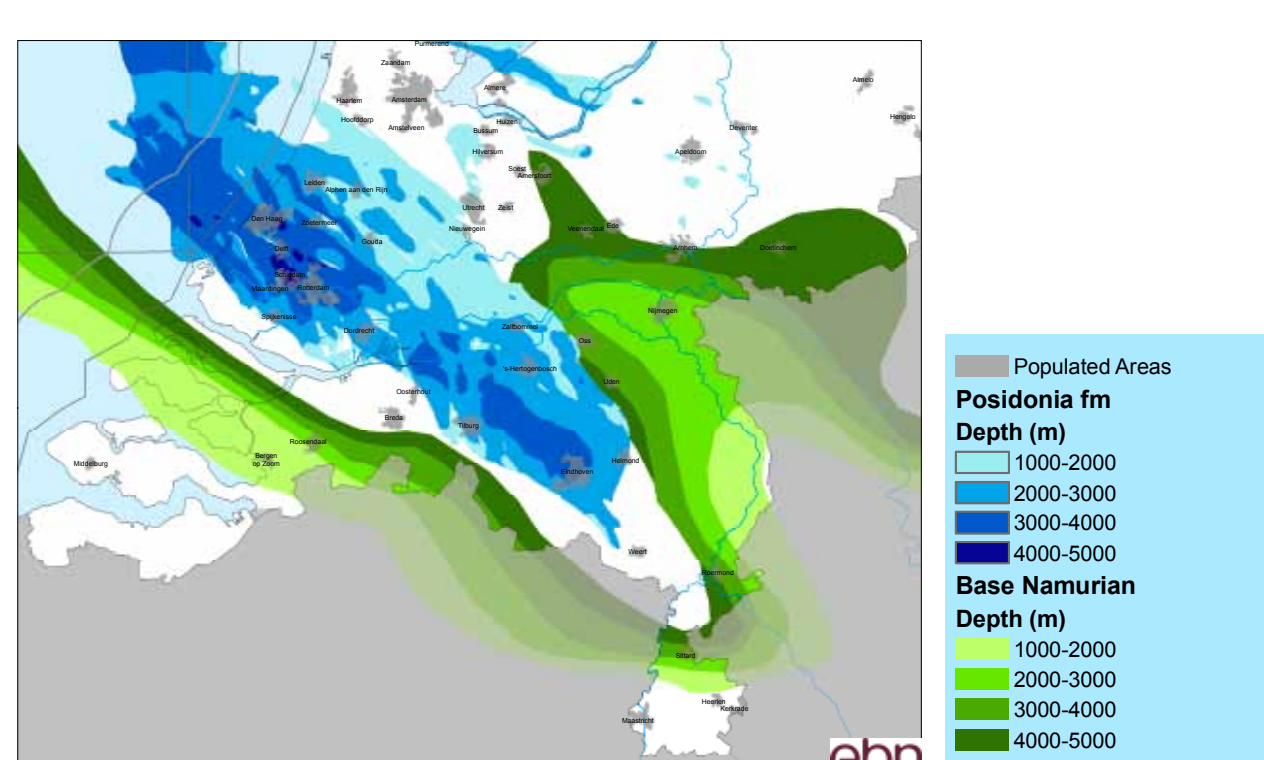
The under-explored area is potentially prospective in both proven and yet unproven petroleum plays such as the Namurian and Devonian-Carboniferous. This could yield interesting additional prospects and resources in the coming decade.

Successful exploration in these plays depends on more and better seismic data and requires alternative geological models and play concepts. Therefore, EBN recently acquired the Fugro/TGS long-cable 2D NSR dataset (2008) in the NL A- and B-quadrants. EBN also participates in the Fugro 3D spec survey (2011) in the open D, E and F quadrants, covering an area of over 8000 km². We expect that these state-of-the-art datasets will contribute to an improved understanding and efficient exploration of these areas.



Unconventional resources: shale gas

Currently, there is little production from unconventional resources in the Netherlands. However, in recent years several tight reservoirs and shallow gas fields have been developed. The prospectivity of Lower Jurassic and Lower Carboniferous shales for gas is actively being studied. Future resources from these plays could be in the order of 100's of BCM, with annual production in the order of several BCM. The first shale gas exploration well in the southern Dutch onshore is planned for 2012, EBN is partner in this project.



For information on Exploration and Production issues and E&P data see the Netherlands Oil and Gas Portal www.nlog.nl & www.ebn.nl

References:

