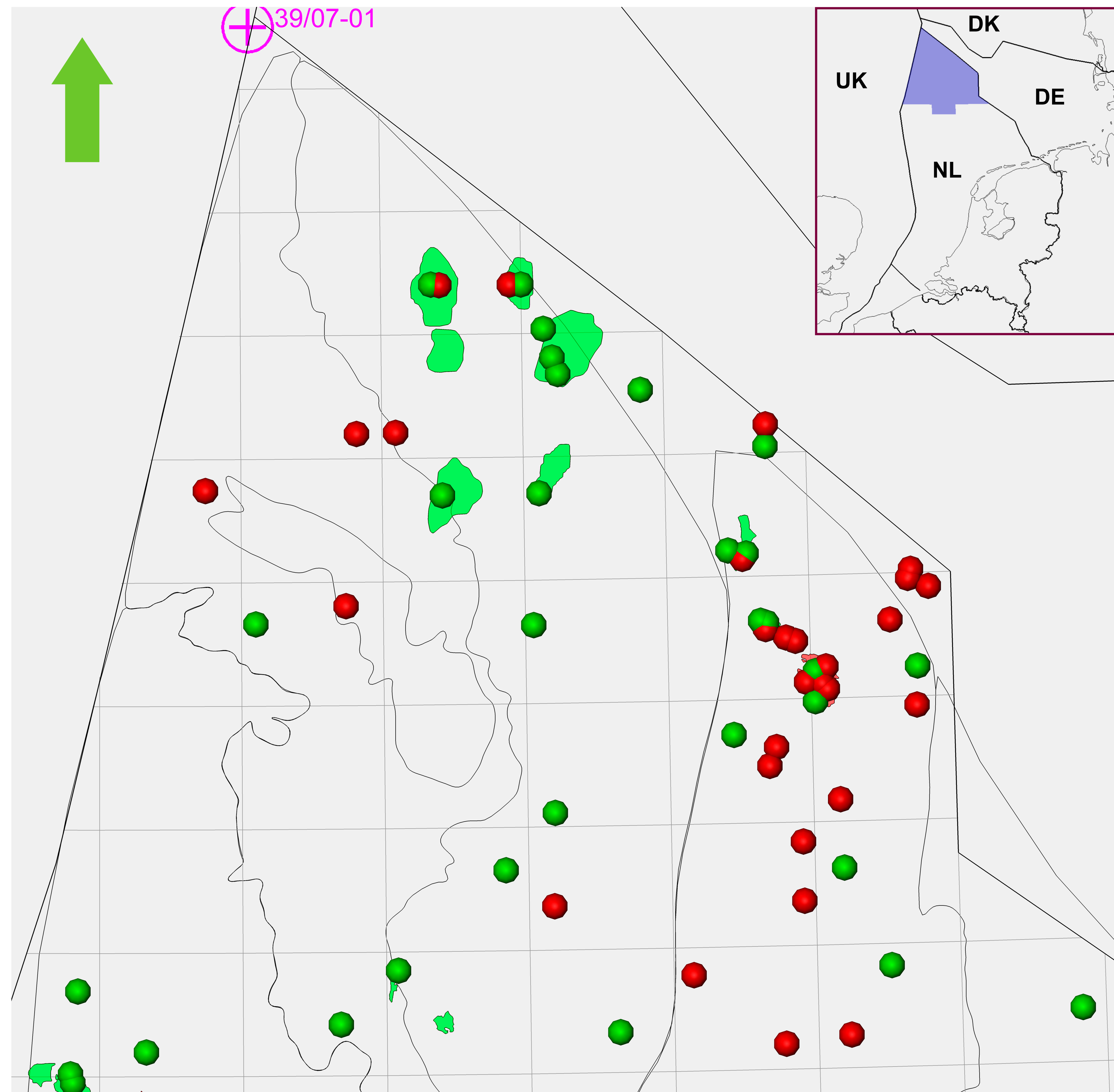


A new source rock in the north?

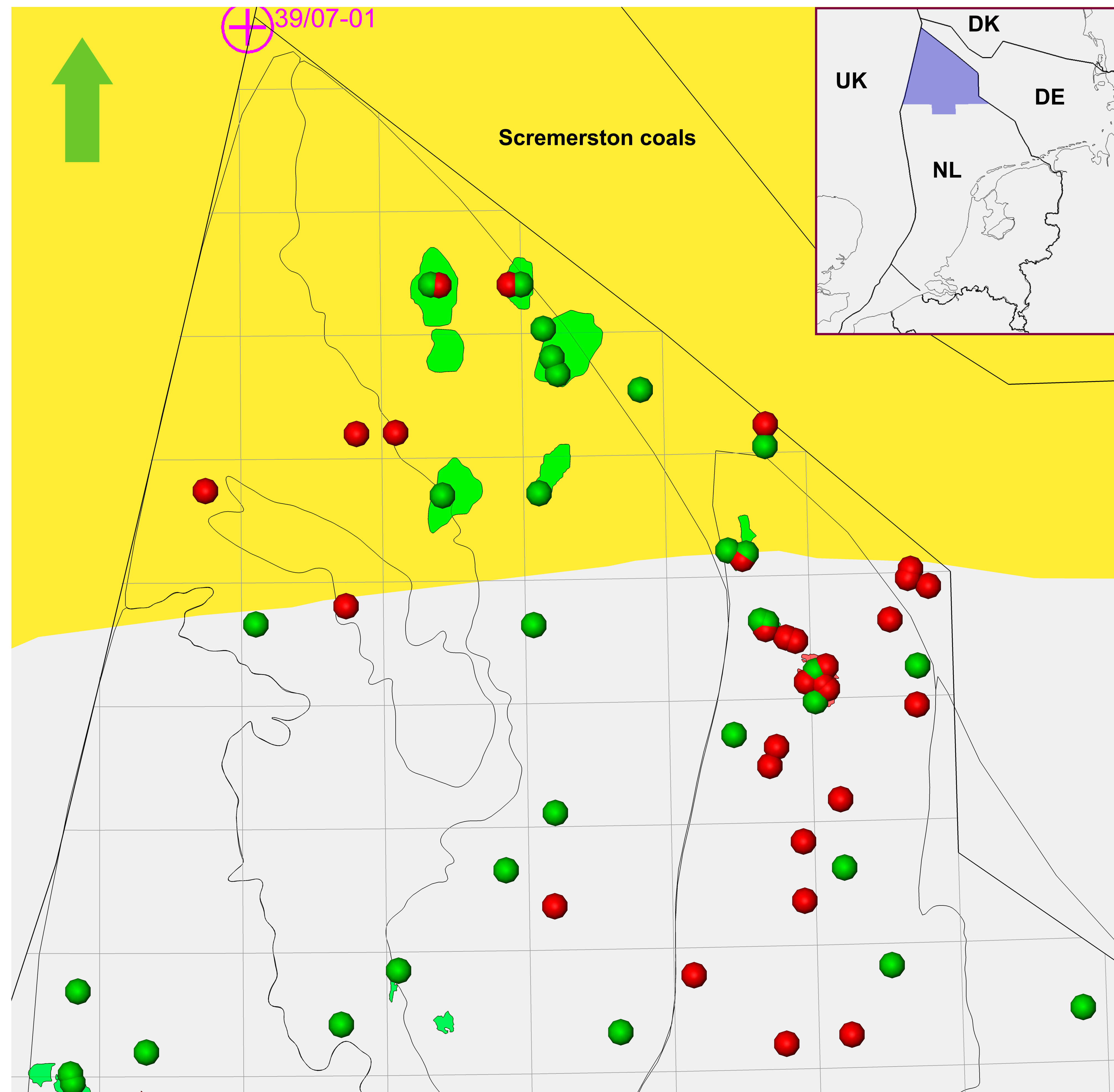


- well with oil shows in Chalk
- well with gas shows in Chalk

Positive indications for Dinantian Scremerston coals source rock

- UK well 39/07-01; 25 m coals with TOC's up to 70%, maturity Ro 0.8
- Seismic and well correlations show likely presence of Scremerston coals in DEFAB area
- Basin modeling Scremerston indicates maturity, HC's expelled in Tertiary
- Indications for pre-Tertiary charge; shows in pre-Tertiary strata, gas chimneys, oil shows
- Thermogenic component in shallow gas fields could be of Scremerston origin

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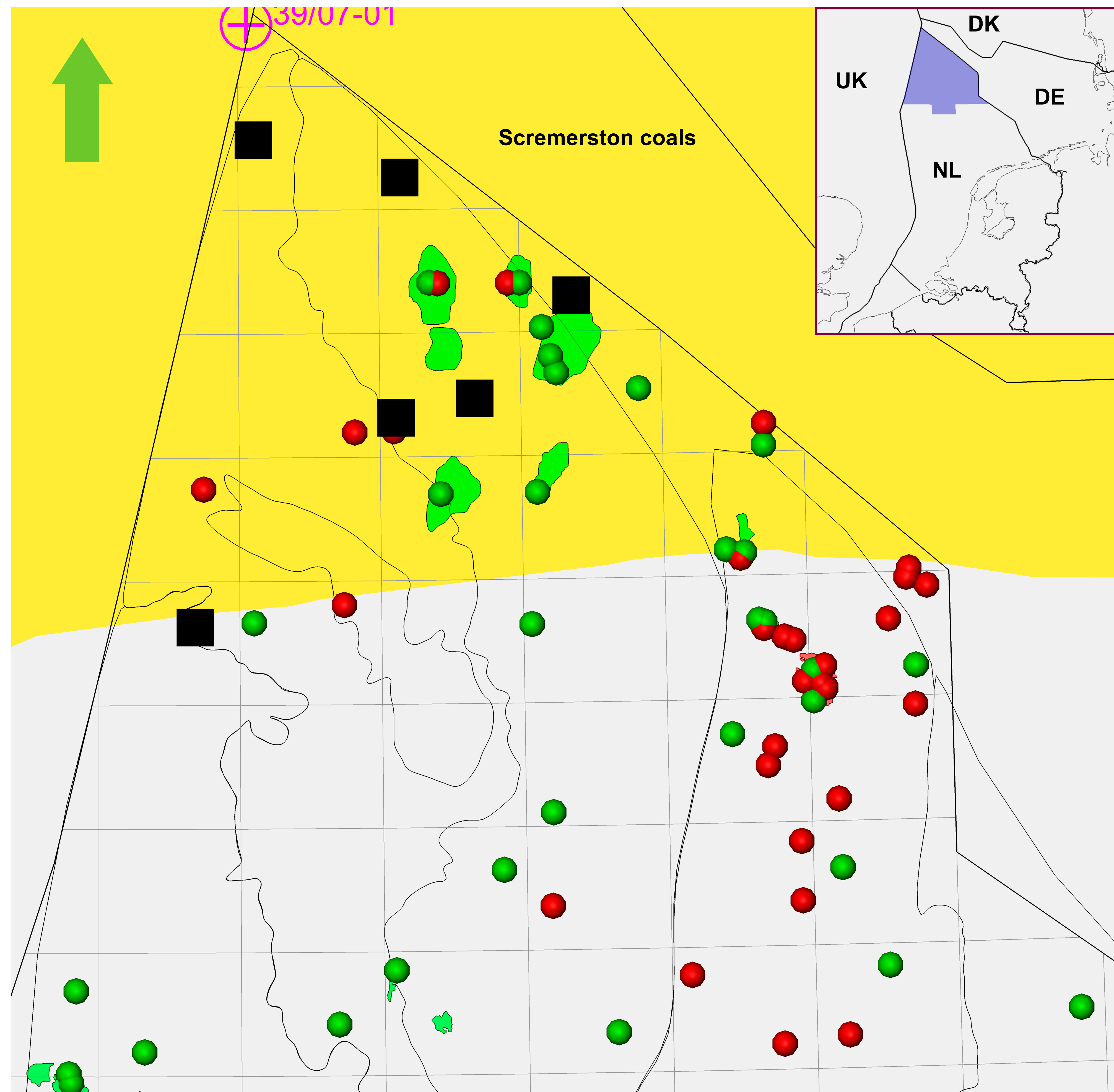


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