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TITLE SEEP

SUBTITLE Tools for establishing a marine environmental baseline for platform abandonment

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In order to distinguish between anthropogenic and natural methane seepage in the shallow subsurface around platforms, an environmental baseline needs to be established.

As more and more producing fields approach plug and abandonment, such a baseline becomes more and more relevant.

By combining geophysical investigations with seabed samples and sediment cores, we have assembled a toolbox that provides the relevant input for such a baseline.

We present examples of data and data integration workflows for a marine environmental baseline, that will improve our understanding of the impact from oil and gas production on the seabed and shallow subsurface.