Operations are dynamic
A continuous focus on up-to-date information is key to ensuring quality input data in the decision-making process. While design and activities may vary throughout an oil field’s lifespan, an environmental risk analysis provides only a snapshot of the risk level at a given time and a selected activity level. Therefore, in collaboration with our customers, DNV GL has developed OPERAto, a dynamic and interactive environmental risk-assessment tool.

In-built flexibility
Based on a wide range of pre-analysed oil spill rates and durations, OPERAto maps the environmental risk level for specific activities seasonally. With OPERAto, the operator is able to assess the altered risk picture in response to changing activity levels, altered oil spill rates and durations, and to plan for time-limited operations and any kind of probability-reducing measures. The tool is Excel-based with a clear and intuitive interface, making it both easily accessible and adaptable to each individual operator’s requirement. The tool also provides statistical data for the amount of stranded oil and drift time to shore.

Interactive mapping
The tool includes an interactive map for visualising the influence area of current activities.

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