



Dutch Offshore Infrastructure evolution

Future infrastructure evolution is modeled using EXPLOSIM (Lutgers et al. 2005) which stochastically simulates future exploration of prospects (yet to find) and production from yet non-producing fields. All 'E&P projects' are economically evaluated in the simulation runs according to user defined economic parameters and production rules. For each economic project a future production profile is generated. This profile is added to the nearest production facility throughput. When throughput falls below a critical level the platform will be abandoned within two years.

