CorrWind is an Excel-based cost model that has been designed to help decision makers in the offshore wind energy industry to:

- calculate and compare life cycle costs for existing offshore corrosion protection systems
- select the most cost-efficient protection system for the offshore structures
- minimize costs for corrosion protection including initial costs of applying the protection system and maintenance over the entire 20+ year life of the offshore structure.
- secure the economic viability of the entire project
- provide data for more up-to-date industry standards

Calculating Life-Cycle Costs

CorrWind allows users to determine the sensitivity of total corrosion system costs over the expected lifetime of a wind energy structure by inputting factors in the Excel-based comparator software, including:

- exterior surface area above the mean water line
- the coating system to be evaluated
- the expected lifetime up to a maximum of 25 years
- materials and labour costs for the initial application of the corrosion protection system
- expected maintenance
- rates of inflation over the expected service life of the structure
- financial discount rate
- the relationship of initial and maintenance costs to the cost per KWh of the wind energy unit, including the capacity factor of typical wind power units.

Guidance default values are shown for a typical system which rely on recent studies on the performance and relative costs of suitable protection systems.