

Propeller & Wing

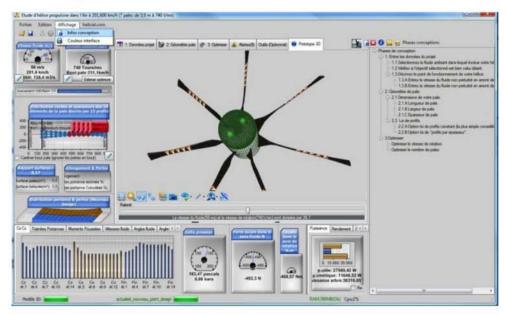
Propellers propellant

capture enegy turbines

Software turbine propellers wings

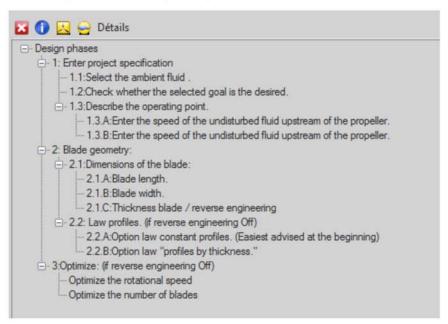
Parameters of <u>propeller</u>, <u>wing</u> or blade project Access to detailed settings for your project has been set for that Heliciel offer maximum transparency.

To view detailed parameters of the project step by step, **use the View menu and select "design information" to open the Info pane design.**



The pane "information design" consists of three parts

 design phases: A tree navigation between different parameters of your project, structured according to a series of design phases, allows you to keep a thread of progression. In selecting a <u>design phase</u>, propeller or wing in the tree, the tab for the parameterization phase opens:



project Parameters: List of parameters for the project, the <u>propeller</u>, the <u>blade</u> or wing in its globality. These parameters are read-only. To change use the tabs on the main interface.



Modelisation helice ventilation dans heliciel



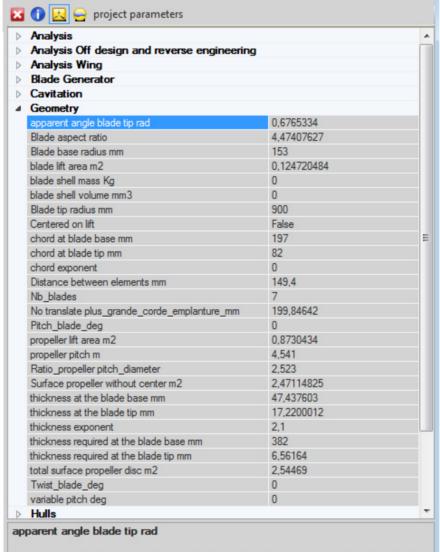
Modeling propeller ventilation in heliciel



tidal turbine modeling in heliciel

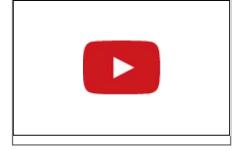


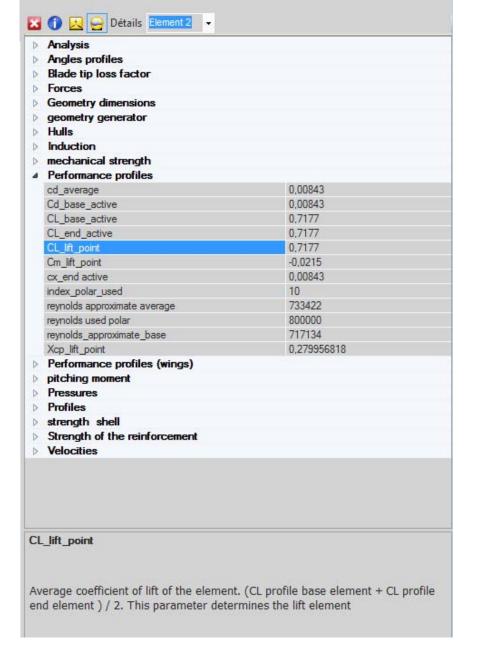
Kaplan propeller modeling in heliciel



The speed and direction of the fluid at the blade tip, are the result of the blade rotation and the displacement of fluid upstream of the blade. The apparent angle at the blade tip is the angle between. : Direction of fluid upstream. Direction and fluid collected by the end of the blade. The induced velocities are not included in this parameter (in radians).

Parameters elements: The blade or wing being divided by elements, you can access each of the parameters of the elements for accurate analysis of the situation. These parameters are read-only. To change use the tabs on the main interface.





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