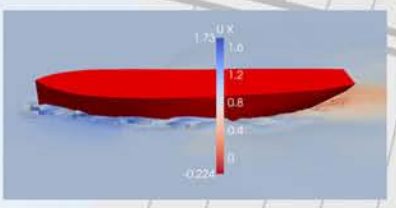
WINDSCHIP
PROJECT

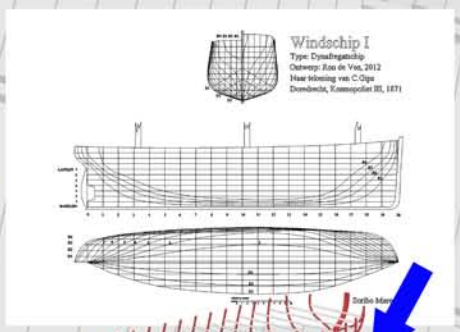
Zero Co2 ships in seatransport

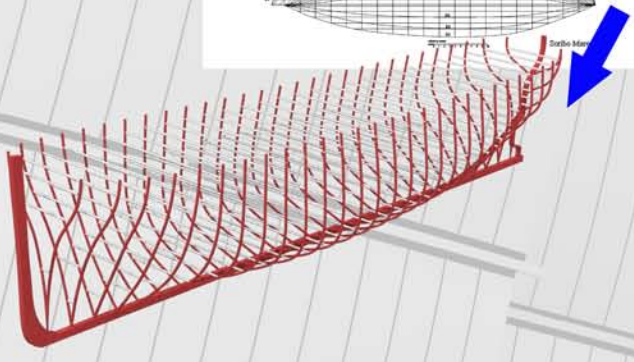
Durability = Innovation

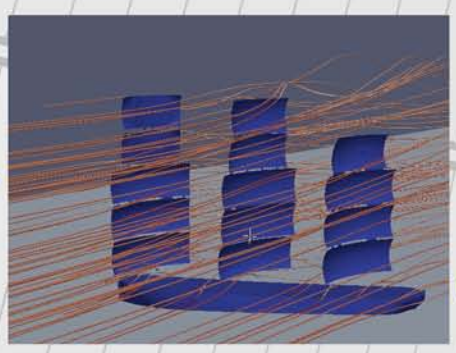
The design of a windship is based on sailingships of the past. In Windschip Project the lines of the ships are redrawn and optimized in Rhino and the Hydrostatics are done in Orca3D. The resistance of the hull and the is evalueted by CFD OpenFoam. The result is a modern emission free ship for the world seatransport.

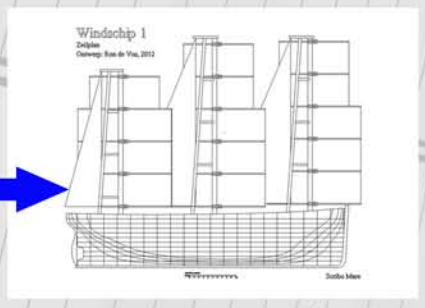
WINDSCHIP DESIGN SPIRAL











Zero Co2 Ships

In Windschip Project different Windships are developed. The ships are drawn and digital formed.

WINDCLIPPERBARK

Loa	52,35 m
Breadth	11,20 m
Depth	7,40 m
Draft	5,45 m
Deplacement	1.730 ton
Deadweight	1.106 ton
Sail area	1.328 m²

WINDCLIPPERFREGAT 1

Loa	66,80 m
Breadth	12,52 m
Depth	9,48 m
Draft	6,85 m
Deplacement	2.898 ton
Deadweight	1.729 ton
Sail area	1.788 m²

WINDFREGATSCHIP

Loa	57,26 m
Breadth	12,90 m
Depth	7,38 m
Draft	5,80 m
Deplacement	2.270 ton
Deadweight	1.200 ton
Sail area	1.751 m²

WINDCLIPPERFREGAT 2

Loa	74,85 m
Breadth	12,65 m
Depth	10,84 m
Draft	6,00 m
Deplacement	2.854 ton
Deadweight	3.000 ton
Sail area	2.125 m²

WINDBARK

Loa	57,30 m
Breadth	10,40 m
Depth	6,50 m
Draft	5,90 m
Deplacement	2.051 ton
Deadweight	850 ton
Sail area	1.473 m²

WINDJAMMER

Loa	92,60 m
Breadth	13,55 m
Depth	8,30 m
Draft	6,95 m
Deplacement	5.979 ton
Deadweight	4.435 ton
Sail area	2.674 m²

WINDFREIGHTER

Loa	103,30 m
Breadth	15,90 m
Depth	12,00 m
Draft	7,70 m
Deplacement	6.790 ton
Deadweight	5.000 ton
Sail area	4.100 m²

WINDSCHIP PROJECT

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