

**WINDSCHIP
PROJECT**

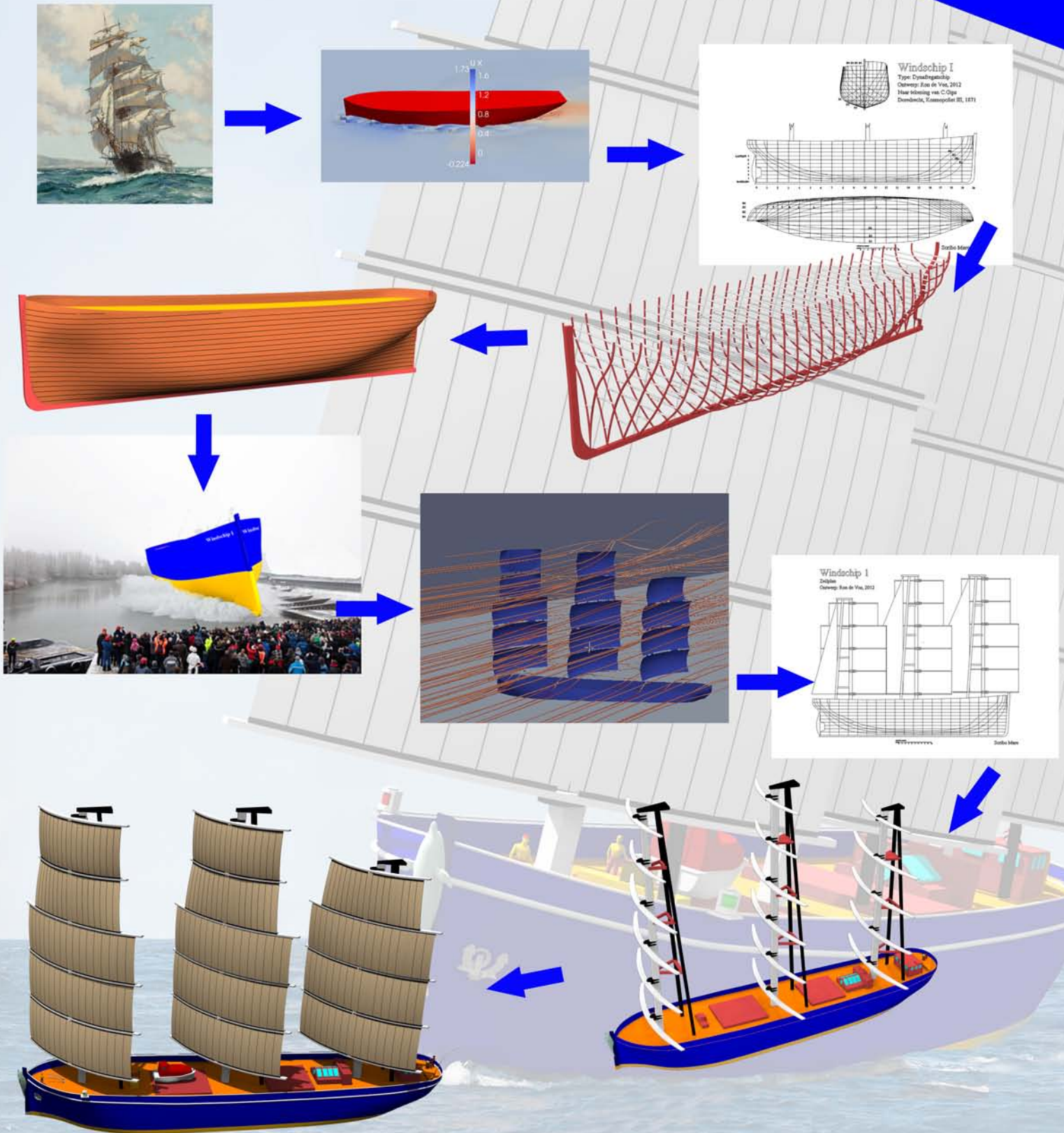


Zero CO2 ships in seatransport

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 rig is evaluated by CFD OpenFoam. The result is a modern emission free ship for the world seatriansport.

WINDSCHIP DESIGN SPIRAL



Zero CO2 Ships

In Windschip Project different Windships are developed. The ships are drawn and digital formed. Every ship is equipped with an E-propulsion system.



WINDBRIK

Loa	38,20 m
Beam	7,50 m
Depth	4,55 m
Draft	3,58 m
Displacement	561 ton
Deadweight	310 ton
Sail area	659 m ²
Passengers	12



WINDSCHOENERBRIK

Loa	34,38 m
Beam	7,15 m
Depth	4,08 m
Draft	3,40 m
Displacement	409 ton
Deadweight	210 ton
Sail area	535 m ²



WINDFREGATTSCHIP

Loa	57,26 m
Beam	12,90 m
Depth	7,38 m
Draft	5,80 m
Displacement	2.270 ton
Deadweight	1.200 ton
Sail area	1.751 m ²



WINDBARK

Loa	57,30 m
Beam	10,40 m
Depth	6,50 m
Draft	5,90 m
Displacement	2.051 ton
Deadweight	850 ton
Sail area	1.473 m ²



WINDCLIPPERFREGAT

Loa	74,85 m
Beam	12,65 m
Depth	7,84 m
Draft	5,50 m
Displacement	2.539 ton
Deadweight	1.459 ton
Sail area	2.125 m ²



WINDCLIPPERBARK

Loa	52,35 m
Beam	11,20 m
Depth	7,40 m
Draft	5,45 m
Displacement	1.730 ton
Deadweight	1.106 ton
Sail area	1.328 m ²



WINDCLIPPER

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



WINDJAMMER

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

WINDFREIGHTER

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



NEW

WINDPILOT

Loa 60,35 m
 Beam 13,75 m
 Depth 9,98 m
 Draft 6,50 m
 Displacement 2.759 ton
 Waterballast 500 ton
 Deadweight 1.500 ton
 TEU 50
 Sail area 1.777 m²



WINDSCHIP
 PROJECT



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