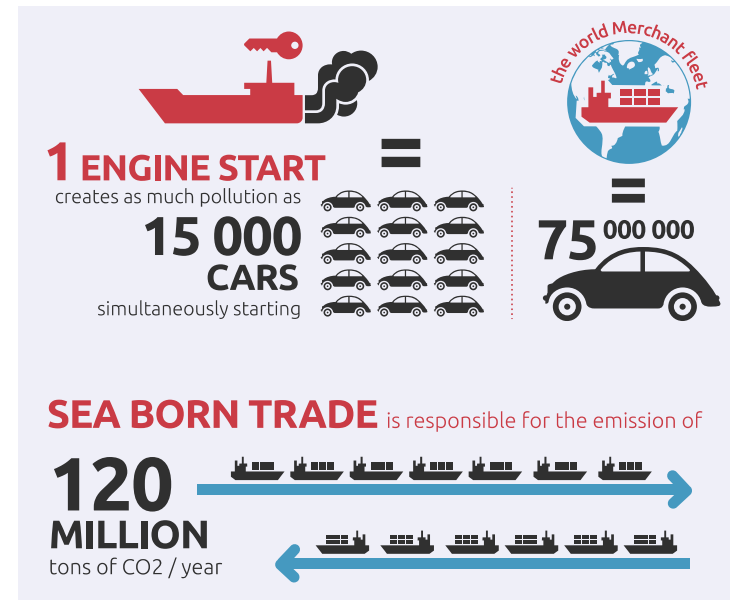




INCUBATING IDEAS SHAPING THE BOATS OF TOMORROW

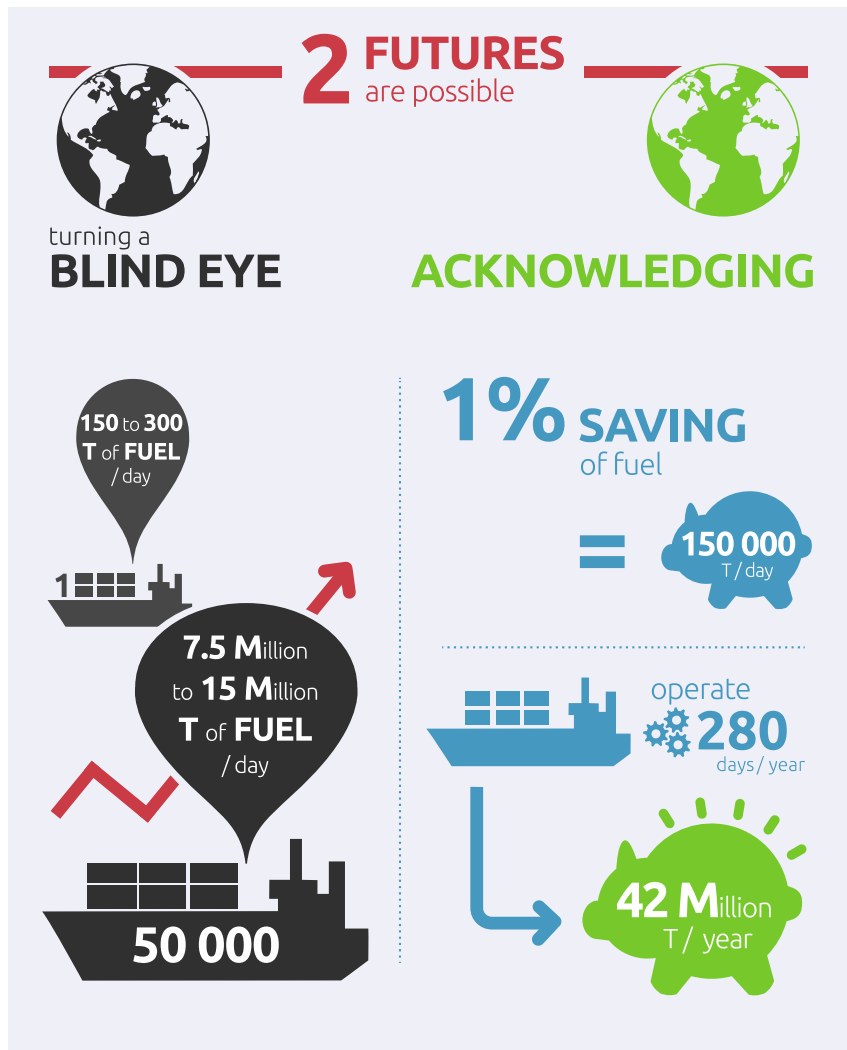


CONTEXT



The steadily growing shipping fleet, 5th source of global pollution, is a major economic and environmental challenge.

CONTEXT



OUR VISION

Leverage the power of technology and innovation for a more efficient development.

To this end, the HYDROcontest is an innovation platform designed to stimulate the development of tomorrow's transport solutions.

Carry more, faster, using less energy.

HYDROcontest

INCUBATOR TO REVOLUTIONIZE MARITIME TRANSPORT



- Hydros Foundation provides each team with: an electric engine, batteries, a grant
- Maximum dimensions : 2m x 2m x 2,5m
- Freedom of design and development
- 3 categories : Mass Transport, Light Displacement, Endurance
- [2014 Edition in 26 minutes](#)

STUDENT CONTEST

THE BEST ENGINEERING AND ARCHITECTURE UNIVERSITIES WORLDWIDE



- Bringing together the brains
- Involving the younger generation in a process of thinking and developing efficient applications
- Building boats to go faster, further, using less energy.
- « *Do more with less* »



COMMITMENT



INTELLIGENCE



EMOTIONS



INTERNATIONAL CHALLENGE

13 UNIVERSITIES IN 2014, OVER 20 IN 2015.

SELECTION OF THE BEST UNIVERISTIES



Haute école arc
ingénierie st-Imier
Ecole d'ingénieurs et
d'architectes de
Fribourg
EPFL (Ecole
Polytechnique de
Lausanne)



Universidade
federal do Rio de
Janeiro
Universidade federal
de Pernambuco



Ecole Polytechnique
Paris
Ecole Centrale Paris
Ecole Centrale Nantes
ENSM Le Havre & Lille
ENSM Marseille
Paris La Villette - ENSTA
Bretagne
Université de Toulon



Australian
Maritime
College



Southampton
University



Universidad nationale
de Colombia,
Medellin



Netherlands
Han university Van
Arnhem en
Nijmegen

STRONG MEDIA IMPACT

Substantial press coverage: TV, Print, Radio, Specialized magazine, etc.



CLAUDIE HAIGNERÉ

PATRON OF THE HYDROCONTEST



- Neurosciences PhD
- Aviation and space medicine specialist
- First French astronaut woman
 - Soyouz Mission TM-24, 1996
 - Soyouz Mission TM-33, 2001
- Minister of State for Research and New Technologies from 2002 to 2004
- Minister of State for European Affairs from 2004 to 2005
- President of Universcience since 2009

PROFESSIONAL RACES

5 INTENSE DAYS



- Denis Horeau, race director of the Vendée Globe and HYDROcontest
- 6 giant screens and live commentaries
- Specialized ground and water infrastructures
- Hydros nautical team: 8 persons

A VILLAGE OPEN TO THE PUBLIC

RAISING VISITORS' AWARENESS ON ENERGY EFFICIENCY



- Learning
- Having fun
- Getting involved and becoming part of the Hydros community

EXHIBITION

FOILS HISTORY, WINGS HISTORY

140 years of technological development

Discover the major advances led by the pioneers

Located in History by landmarks known to all



25 METERS OF UNIQUE CULTURAL CONTENT IN BOTH ENGLISH AND FRENCH

Carried out by Hydros Foundation, in collaboration with :

The EPFL, the CERN, the architect-museographe Renaud Piérard (who also designed the Monaco Institute of Oceanography and several departments of the Louvre Museum), the historians François Chevalier and Jacques Taglang (authors of *America's Cup Yacht Designs*)

EXPERIENCE BY YOURSELF

HYDRODYNAMICS AND ENERGY EFFICIENCY EASILY UNDERSTANDABLE

SCALE MODELS, A FUN EXPERIENCE AVAILABLE TO EVERYONE

Remote-controlled foiling scale models

Deliver a message : energy efficiency



When these fast boats take off on their foils, they arouse interest of the youth, making the message obvious and easy to understand.

ABOUT

HYDROS
FOUNDATION

EFFICIENT ENERGY INITIATIVE



OUR VISION

« Do more with less »

OUR MISSION

We are committed to enhance public awareness on energy efficiency issues and to promote energy- related innovation technologies in the fields of maritime transportation, water sports, and clean energy production.

ACTIONS



Exhibitions

Awareness

History

Education

Conferences

PROGRAMME

2015


Jan19-23	March, 19	May, 12-13	July	July 22-25	September, 10-22	Sept 8-10	Sept 26 -Oct.4.
	 TOUR HYDROS.CH – Records & conferences Geneva- Zurich-Lugano-Konstanz			 LITTLECUP <small>INTERNATIONAL C CLASS CHAMPIONSHIP</small>	 VOILES DE SAINT-TROPEZ		
WORLD FUTURE ENERGY SUMMIT Abu Dhabi 	LE GLOBE Conference Geneva 	Energy Efficiency Global Forum Washington 	EUROPEAN ENGINEERING CONGRESS - OMM, GIEC Geneva	CLEAN ENERGY WEEK Sydney 	EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS Sydney	FUTURE TRANSPORTS Series of conferences Place: TBA 	

2016

TOUR HYDROS.CH - Dubaï – Hong-Kong-Singapore-Monaco- Brazil – USA Records & conferences     	
WORLD FUTURE ENERGY SUMMIT Abu Dhabi	 3rd edition – Monaco (TBC) 

One Year Before

2017

	 LITTLECUP <small>INTERNATIONAL C CLASS CHAMPIONSHIP</small>
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28th edition – ABU DHABI

2018



2019



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