

ÉCOLE NAVALE

GRANDE ÉCOLE MILITAIRE DE LA MER

21ST NASC

MIRCEA CEL BATRAN – MAY 2018



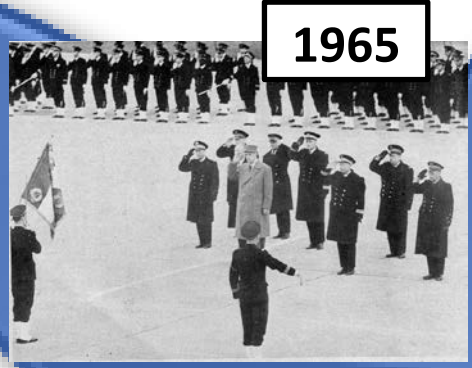


CAPT. ÉRIC PAGÈS

COMMANDING OFFICER AND CHAIRMAN



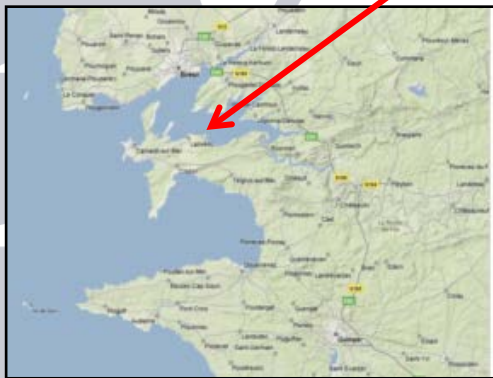
Five centuries of History



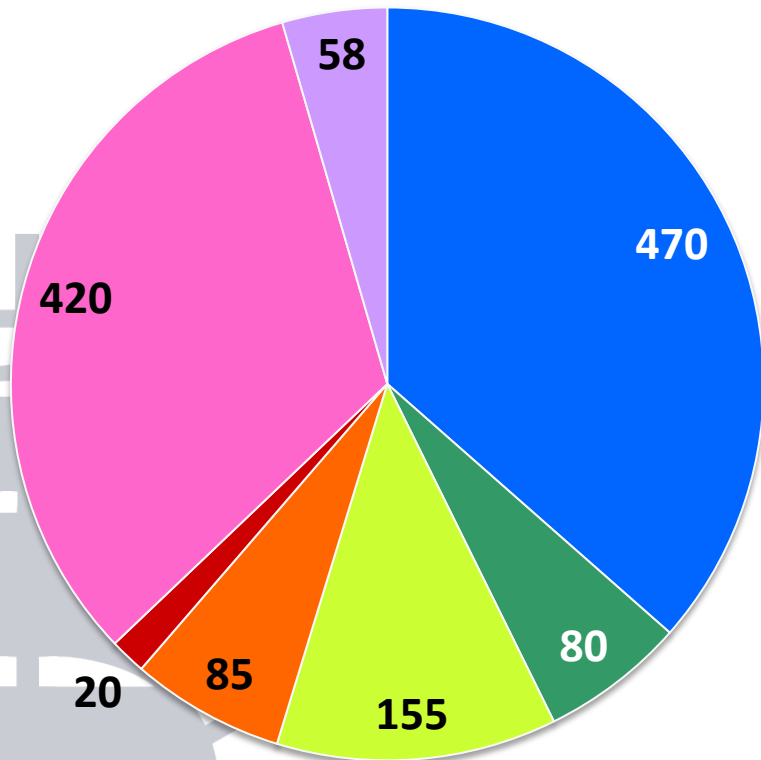
1530



The exceptional site of Lanvéoc-Poulmic



~1300 students/ year of which **710** Officers – Mean flow of **550**



- Initial Training Courses for naval officers
- Initial training Courses for military engineers
- Reserve officers
- Foreign officers
- Maritime training for joint supply officers
- Maritime specialized training for PO and crew
- Civilian students in master degrees, PhD Students

But also:

- Ecole Navale organizes leadership seminars for managers and civilian students from **NAVAL GROUP, MBDA, HEC, Supélec and IMT ATLANTIQUE** (≈250/year) ;
- As well as 180 seamen and 800 trainee petty officers per year.



Teaching Staff



- 56 professors, lecturers, teaching assistants
- 145 military staff (Officers and NCOs)





Officer school's mission



- To serve
- To lead
- To operate in maritime and high tech environments





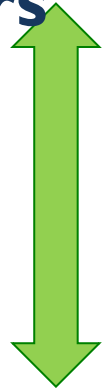
The French navy today

- **39.000** soldiers and civilians
- **200** aircrafts
- **10** nuclear submarines
- **72** combat and support ships
- **7** commando units
- **9** ship protection units
- **35** ships permanently at sea
- **5000** soldiers on, under and over the sea
- A oceanic nuclear dissuasion permanently at sea since 1972
- More than **300** lives saved each year





Career path of the French Navy officers



50 years old

National War College

Leading and commanding positions

3 to 9 years

Flag Officers

Captain

Commander

35 years old

Command and general staff college

Joint

Assignments in HQs, naval forces

7 to 15 years

Lieutenant commander

Navy

PWO Course / advanced Engineering training

Tactical and operational positions

4 years

Lieutenant

Sub-lieutenant / LTJG

Branch School

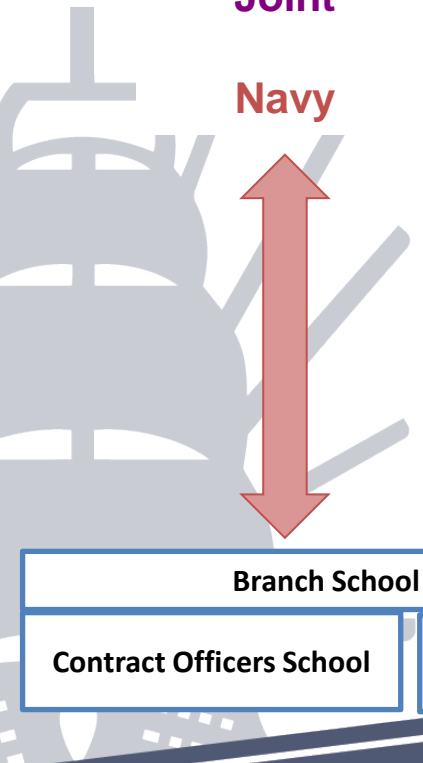
3 years

Contract Officers School

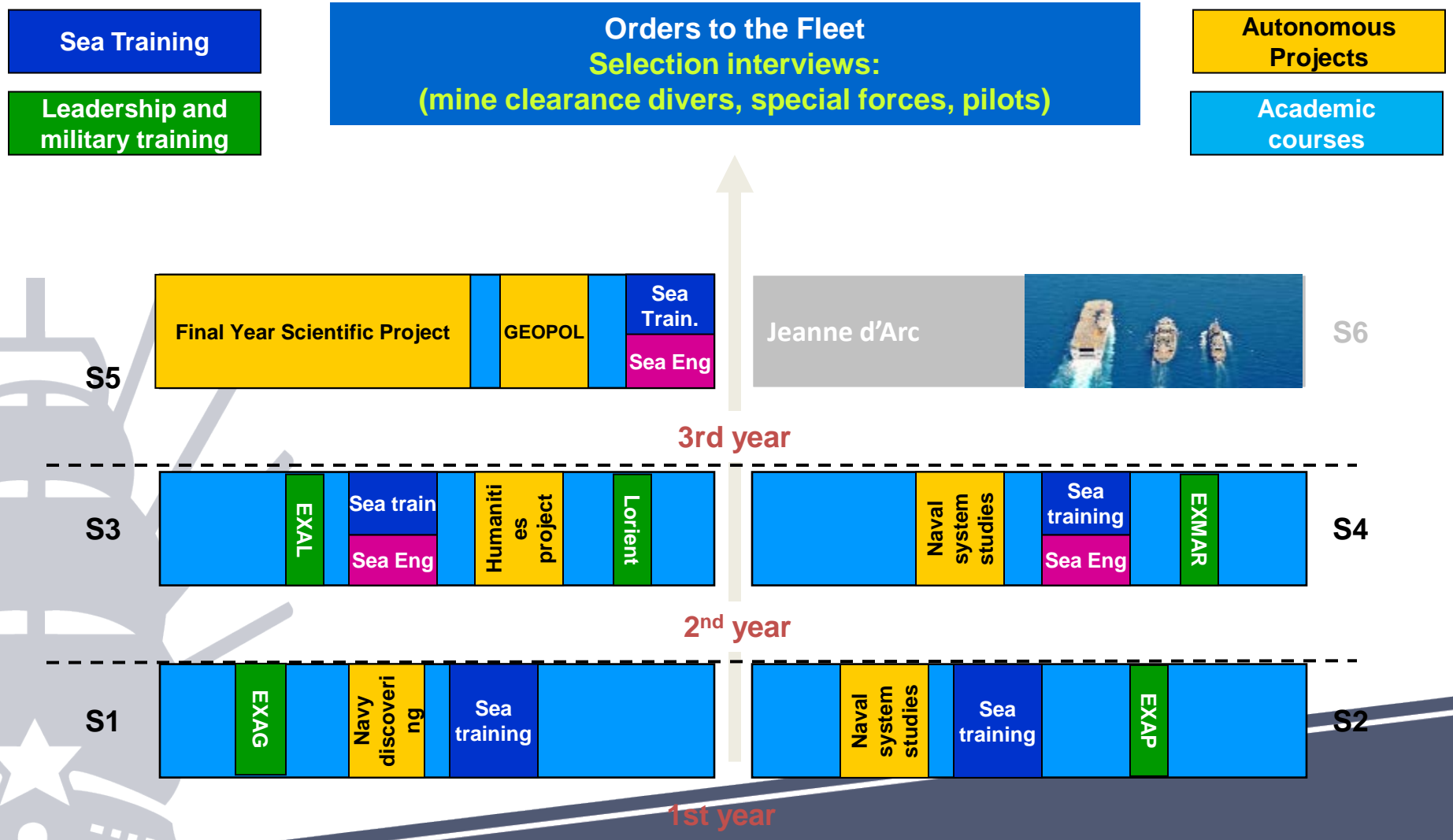
École Navale

Cadets / midshipmen

20 years old



Training is project-driven



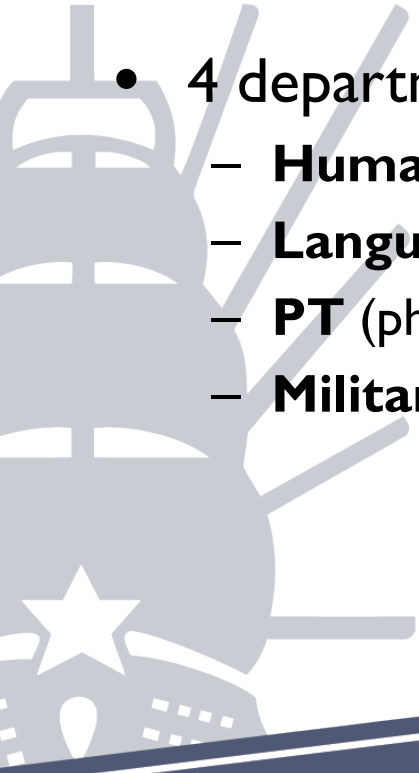
- Missions = Train officers to be capable of :

- Acting and leading
- Understanding military actions in an interdependent and ever changing world
- communicating



- 4 departments within the DFHM

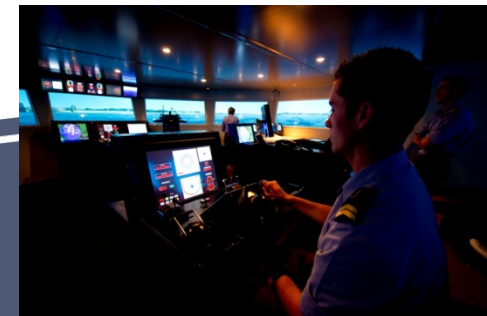
- **Humanities** - ethics, leadership, history, geography, geopolitics
- **Languages** (GME, SME, STCW, foreign languages)
- **PT** (physical training, university-sport, joint military competitions)
- **Military** (leadership, shooting, infantry, land & sea exercises)



- Experts capable of fighting in a maritime environment

- OOD /OOW qualified.
STCW 2010 standard.
- Knowledge of the different propulsion systems.
- Ability to lead a crew in a damage control procedure.
- Understand the different warfare domains to assume TAO position on small platforms.

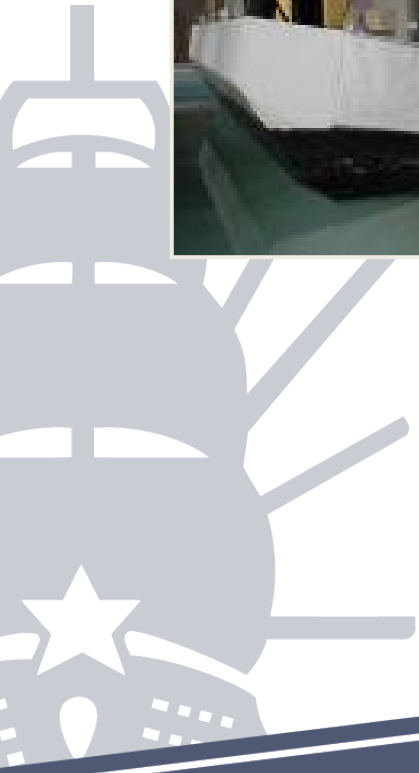
Underway training 27 weeks
Simulator training 4 weeks





Academic training

Graduate engineers capable of technical skills to maintain, operate and improve naval systems





SCIENTIFIC RESEARCH





The research institute of the École navale

The science education program is intertwined with the research conducted at IRENAV

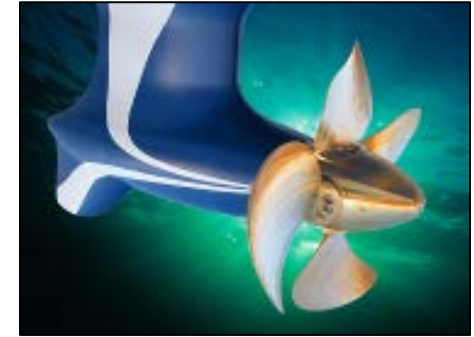
2 research domains

1 innovation dept

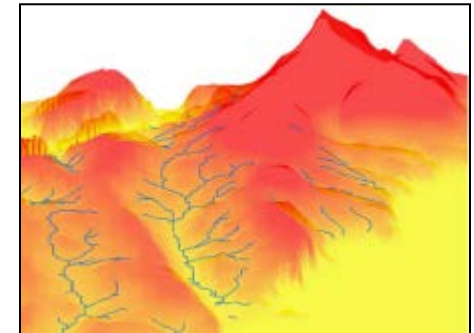
1 sea test base



**Mechanics and Energy
Naval engineering**



**Modelization and
Processing
of Maritime Information**



**Cyberdefense of the naval
systems pulpit**



Training and graduation



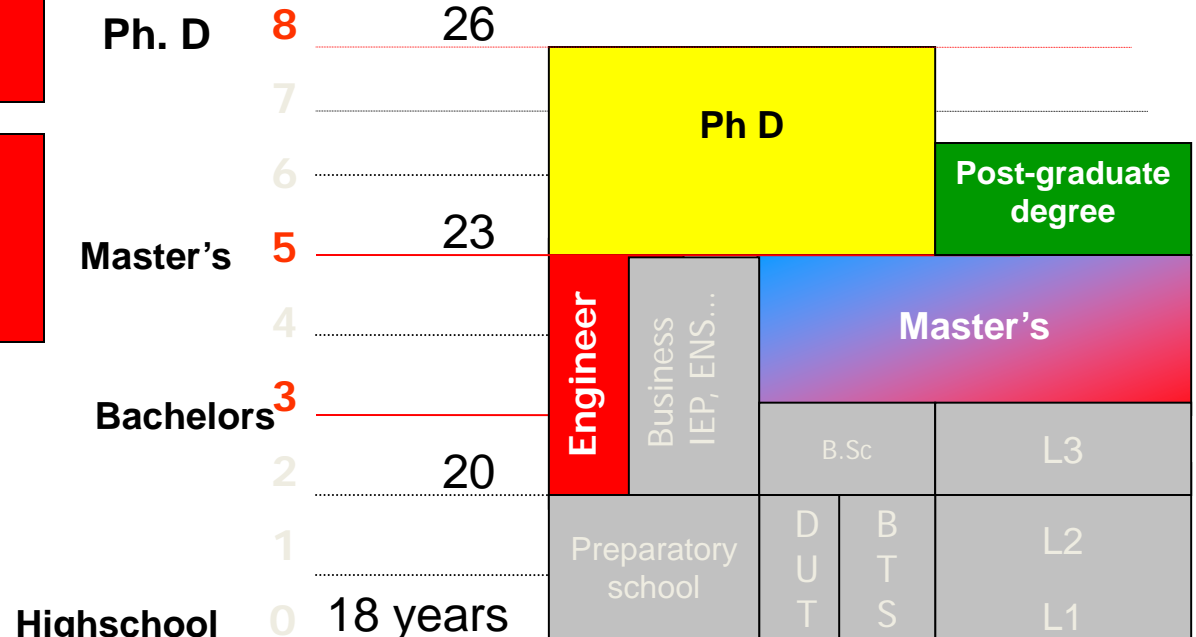
**Ecole navale
Engineer graduation**

**Ecole Navale Master's
(some foreign officers or
Former NCO)**

**Ph D
IRENav – University of
Brittany.
Sea sciences**

**Post-grad Master's
Renewable sea energy**

**Research Master's
EN-ENSAM**





INTERNATIONAL RELATIONS AND PARTNERSHIPS





Academic & Research partnerships

Partnerships based on :

Maritime History



Geopolitics



Leadership



Research



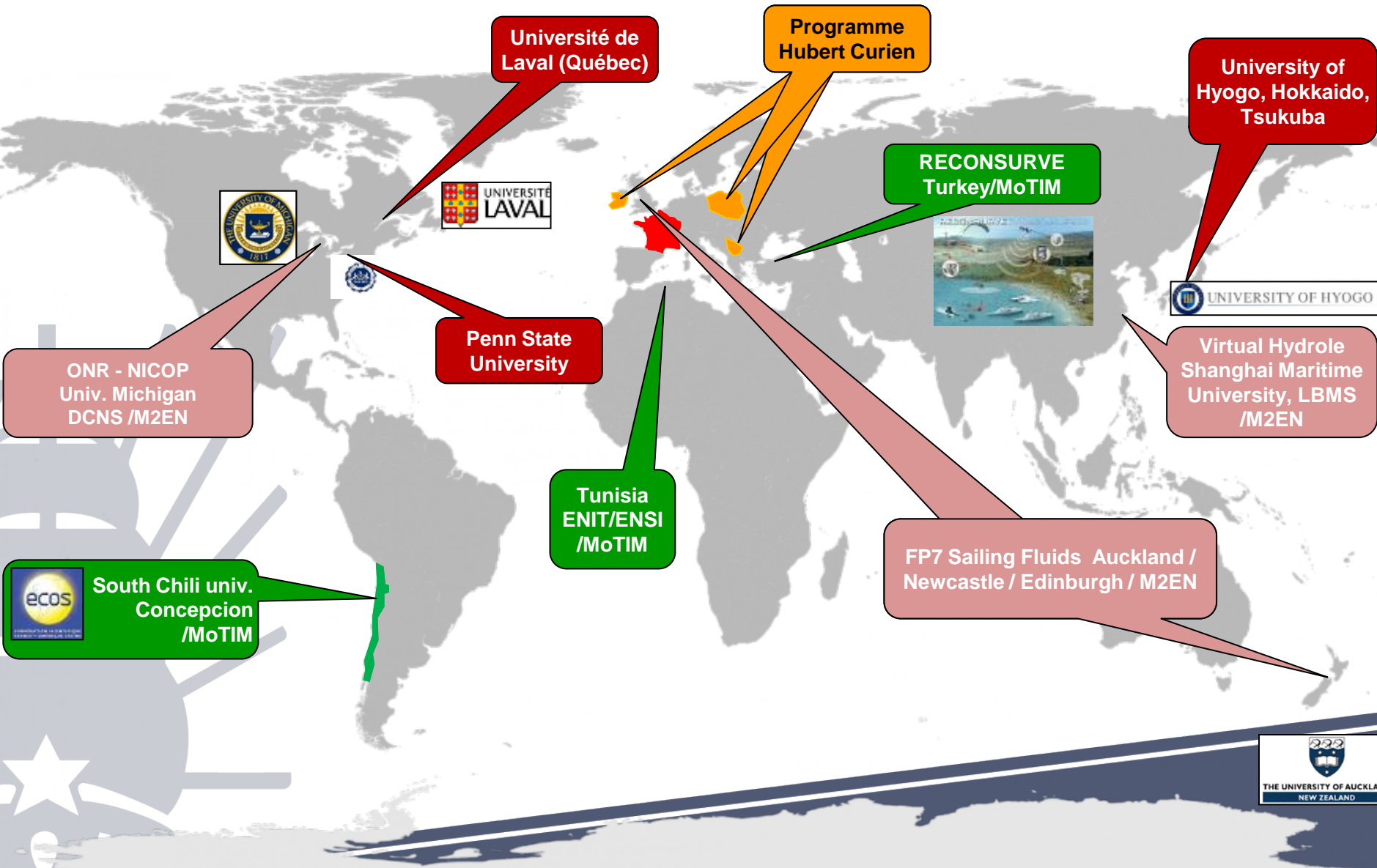
Partnership and exchanges

Ecole Navale develops partnerships (scholarships, semester exchanges, leadership exercises, scientific projects, regattas) with foreign naval academies / naval forces :

- Within Europe (Germany, Italy, Spain, Portugal, GB) and the United States Naval Academy
- with French-speaking African nations
- with South American and Asian nations (i.e. Brazil, Peru, Japan, South Korea...)

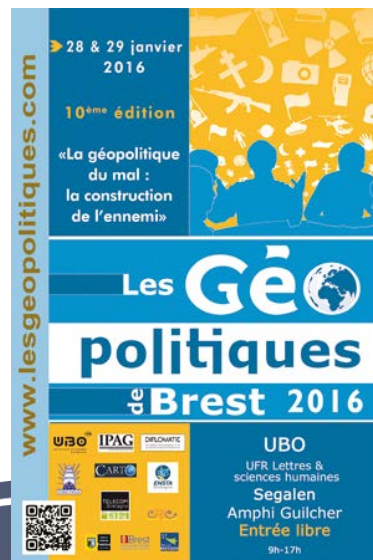


World-wide partnerships





National events and interactions



- Several symposia open to the public
- Conferences to enhance the social, political and cultural dimensions of the nation
- Leadership and underway training during naval operations
- Seminars with other graduate schools
- Participation in maritime events

