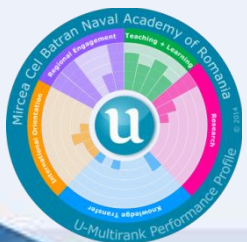




21st EUROPEAN NAVAL ACADEMIES' SUPERINTENDENTS CONFERENCE



“Mircea cel Bătrân” Naval Academy



HISTORIC MILESTONES



1872 - The establishment of Flotilla School, by the Decision of the War Minister, no. 15 from the 17th of November, with the headquarters located in Galati;



1920 - The reorganization into a complex higher education institution, named the Naval School;



1956- Integration within the Romanian polytechnical education system;



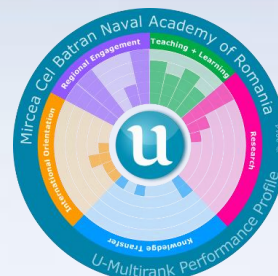
1974 – The school receives the symbolic name of “Mircea cel Batran”;



1990 - Following the December 1989 revolution, the Marine Institute has been transformed into the “Mircea cel Batran” Naval Academy, awarded with a status of a higher education military institution.



ACCREDITATION



HIGH LEVEL OF TRUST



EVALUATED BY

IEP

EUA-Institutional Evaluation Programme
www.eua.be/iep



HIGH LEVEL OF TRUST

The “Mircea cel Bătrân” Naval Academy has been evaluated in November 2015 by the ROMANIAN ASSURANCE AGENCY FOR THE QUALITY OF THE ROMANIAN HIGHER EDUCATION being awarded with the “HIGH LEVEL OF TRUST” rank .



**MINISTERUL
EDUCAȚIEI
NAȚIONALE ȘI
CERCETĂRII
ȘTIINȚIFICE**

“B” CATEGORY UNIVERSITY awarded as “Research and Education” HEI, according to the MECTS Decree no. 5262/05.09.2011 regarding the results in universities classifications.

**CONSTANTA
2018**

KEY FACTS & FIGURES



2020 STUDENTS

177
NAVY
CADETS

1030
MERCHANT
MARINE
FULL TIME

620
MERCHANT
MARINE
PART TIME

414
MERCHANT
MARINE

BACHELOR DEGREE

MASTER DEGREE

60 TEACHING STAFF CORE

2 FACULTIES STRUCTURED IN 4 DEPARTMENTS

UNIVERSITY LIBRARY – OVER 70.000 TITLES

MARITIME MUSEUM – 90 SQUARE METERS EXHIBITION AREA

Life Long Learning Center – RoNoMar follow-up, 24 LL courses

OWN INCOME - 25% OF THE OVERALL MBNA BUDGET

CONSTANTA

2018

ORGANIZATIONAL CHART



Senate

RECTOR

Executive Board

Vice-rector for Education

Vice-rector for Scientific Research

Vice-Rector for international Programmes

Vice-Rector for Continuous Development of Human Resources

Deputy Staff Officer

Administrative Director

Marine Engineering Faculty

- Department of Marine Engineering and Naval Weapons
- Department of Marine Electric and Electronic Engineering
- Part-time Education Structure
- Scientific Research Center
- Students organization

Navigation and Naval Management Faculty

- Department of Navigation and Naval Transport
- Department of Naval and Port Engineering and Management
- Part-time Education Structure
- Scientific Research Center
- Students organization

Life Long Learning Center

- Main Center for Foreign Languages Constanta
- Center for Foreign Languages Mangalia
- Center for foreign languages Brăila
- Learning and Resources Center
- IMO Courses

Academic Facilities and Students Services

- Seamanship and Nautical Sports Center
- Training Ship Squadron – Mircea Tall Ship
- Damage Control Training Center
- Simulators
- Wellfare
- Medical, Religious & other Services

CONSTANTA

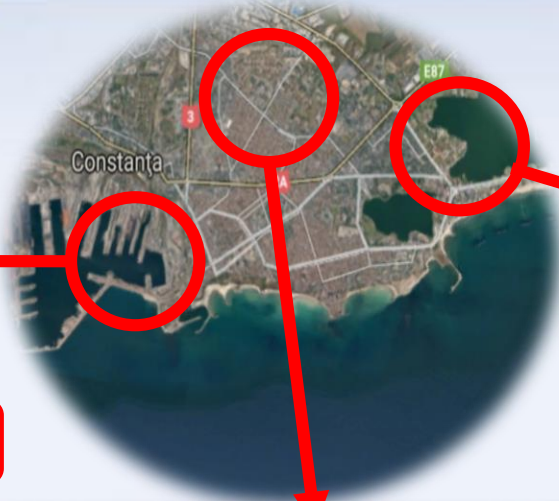
2018



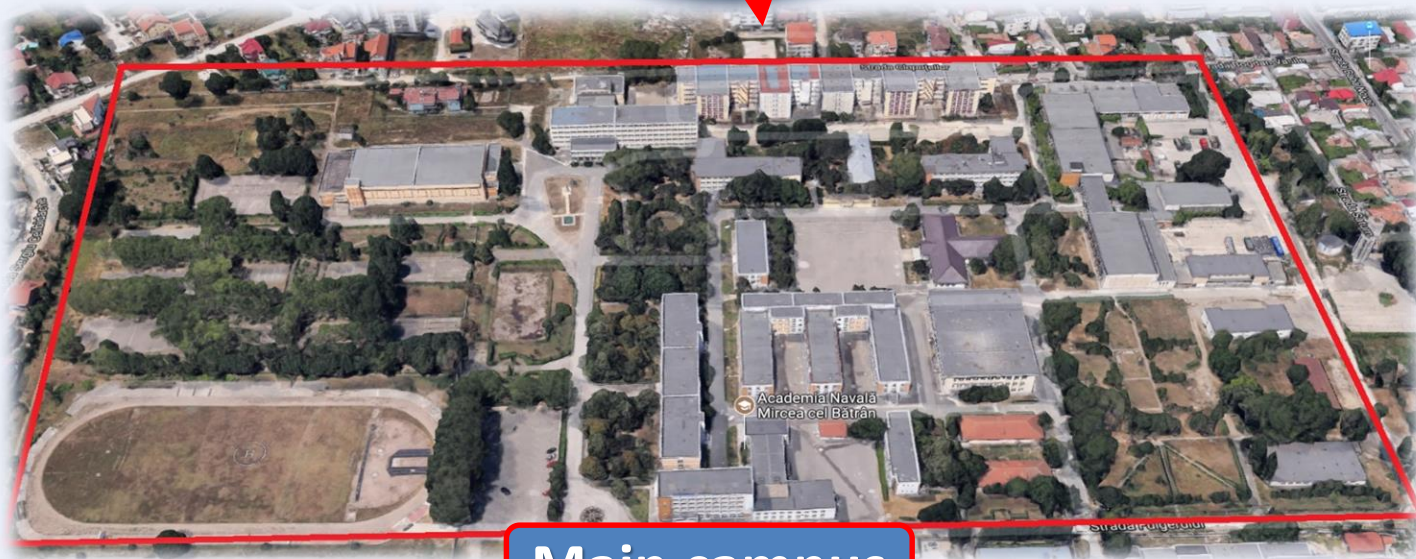
MIRCEA CEL BĂTRÂN NAVAL ACADEMY



Training Ship "Mircea"



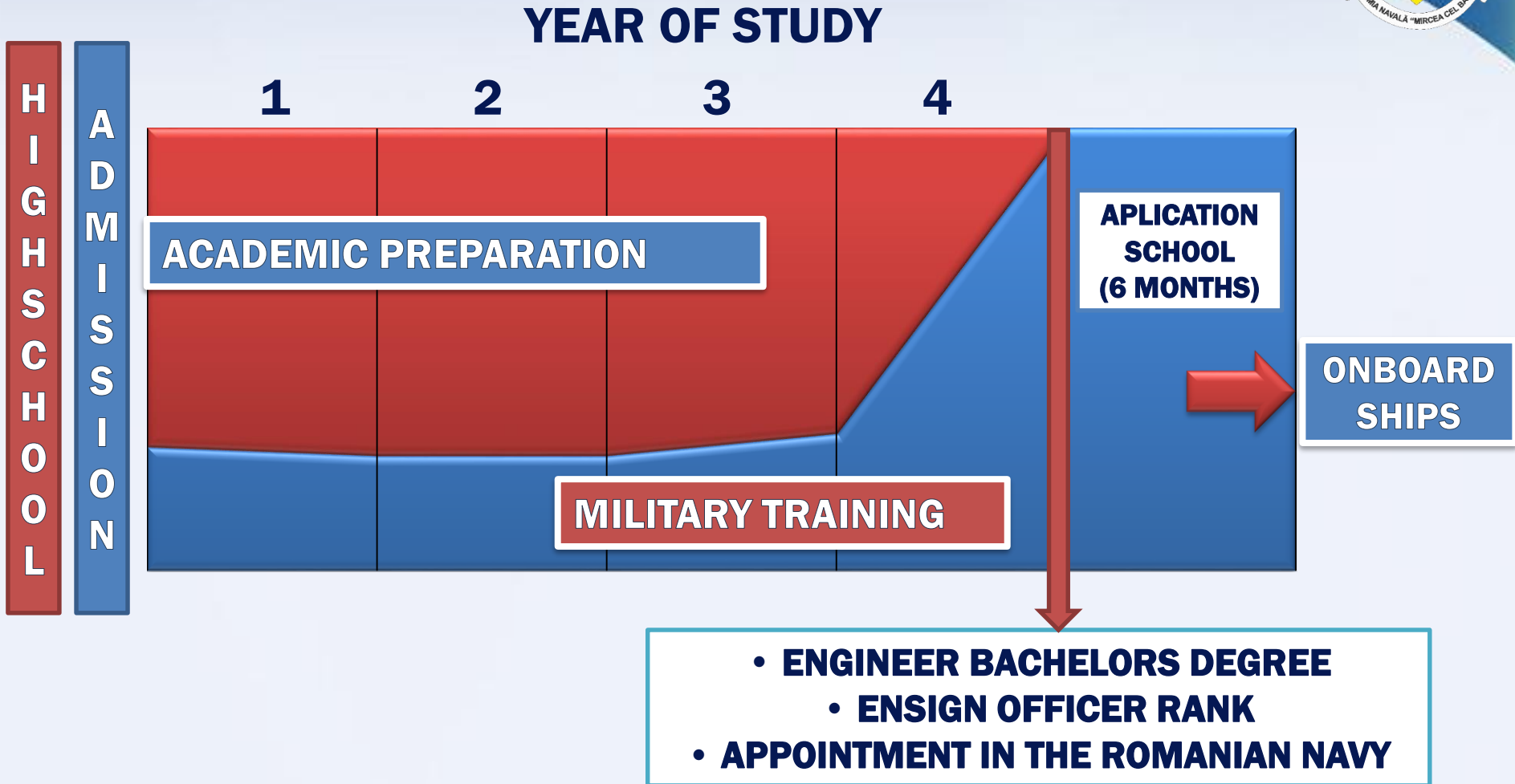
Nautical Sports Center



Main campus

**CONSTANTA
2018**

ACADEMIC ROUTE – MILITARY CADET



CONSTANTA

2018



EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE

Educational spaces and facilities:

- 2 auditoriums;
- 6 amphitheatres;
- 2 halls for common teaching;
- 76 classrooms, seminar and study rooms



CONSTANTA
2018



EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE

TRANSAS Integrated Simulator NTPRO 5000 & ERS 5000

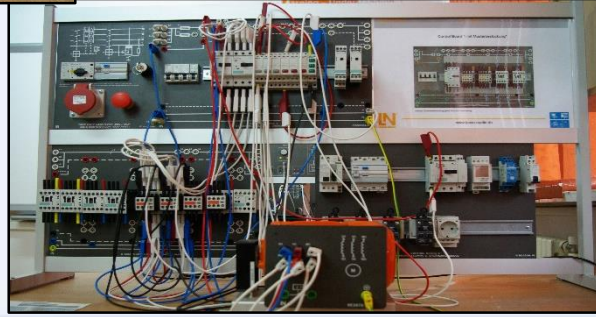


CONSTANTA
2018



EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE

Simulators (61), labs, cabinets and specialization halls with modern adequate endowment (Proteus ASTT Tactical Simulator, Cargo Handling & Mechanical Engineering simulators)



**CONSTANTA
2018**



EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE

✓ **Damage Control Training Center**
(firefighting, waterflood simulation);



CONSTANTA
2018



EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE

- ✓ Modern **sports facilities** (including: athletics stadium, 5 multifunctional indoor facilities, 18 outdoor sports fields, 4 firing ranges, etc.)



CONSTANTA
2018

EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE



✓ Olympic size **swimming pool**



CONSTANTA
2018



EDUCATION FACILITIES & RESEARCH INFRASTRUCTURE

Seamanship and Sailing Training Center



CONSTANTA
2018



TRAINING SHIP - MIRCEA



CONSTANTA
2018

INTERNATIONAL R&D PROJECTS

RoNoMar – Romanian Norwegian Maritime Programme

1.6 mil. Euro

Res-Op-Dev- Bulgarian/Romanian cooperation for green energy development

250.000 Euro

MARINE– Maritime Network of Education in Black Sea Basin

350.000 Euro

DECOMAR – Development of Common Curricula Modules for Merchant Marine Officers

150.000 Euro

MENTORESS – Maritime Education Network to Orient and Retain Women for Efficient Seagoing Services - 2018

170.000 Euro

OPEN SKY – Astronomy for young generation (Ro-Bg) - 2018

150.000 Euro

EU Funded Projects – National Agency and European Commission

Assistance during the labor market insertion for future marine officers - European Social Fund

220.000 Euro





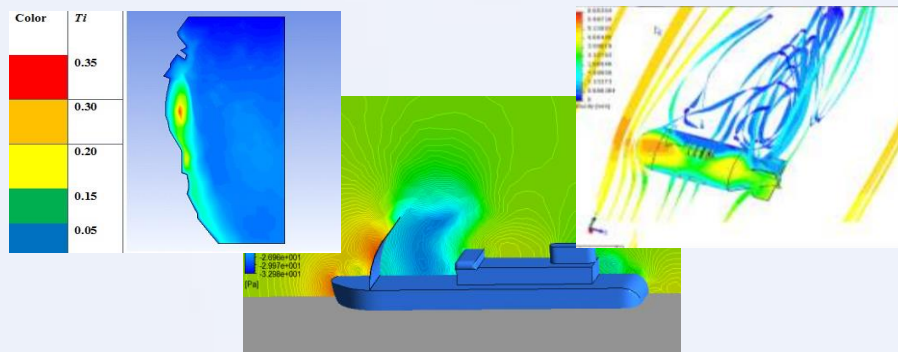
SCIENTIFIC RESEARCH - INFRASTRUCTURE

Research laboratories:

-17 laboratories și simulating equipment and facilities.

Software:

- the MBNA researchers, students and academics, have access to **32 specialized software packages** for research and education.



Scientific Events:

- CADET-NAV – yearly students' conference;
- MASTER-NAV – yearly masters' conference;
- SEACONF – yearly international conference;

Publications:

- MBNA Scientific Bulletin (indexed in 8 international data basis).





SCIENTIFIC RESEARCH - RESULTS

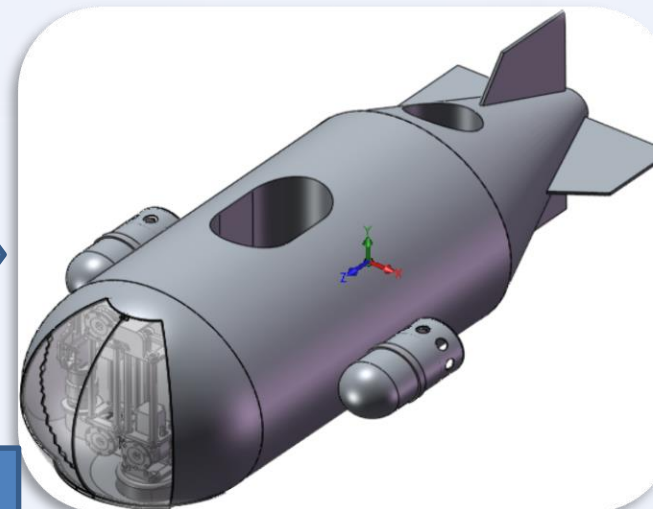
- Research projects on national competitions: 8 projects (2017-2018);
- Research projects under Ministry of Defense Research and Development Plan – 8 projects (2017-2018);



Functional model of autonomous utilitarian naval platforms



Submerged remote controlled vehicle designed for research in maritime and River area.



Inflatable naval target designed for naval artillery exercises

**CONSTANTA
2018**

SCIENTIFIC RESEARCH - RESULTS



Naval and road system for rapid reaction in natural disasters. Ensuring people, livestock and property evacuation during natural disasters

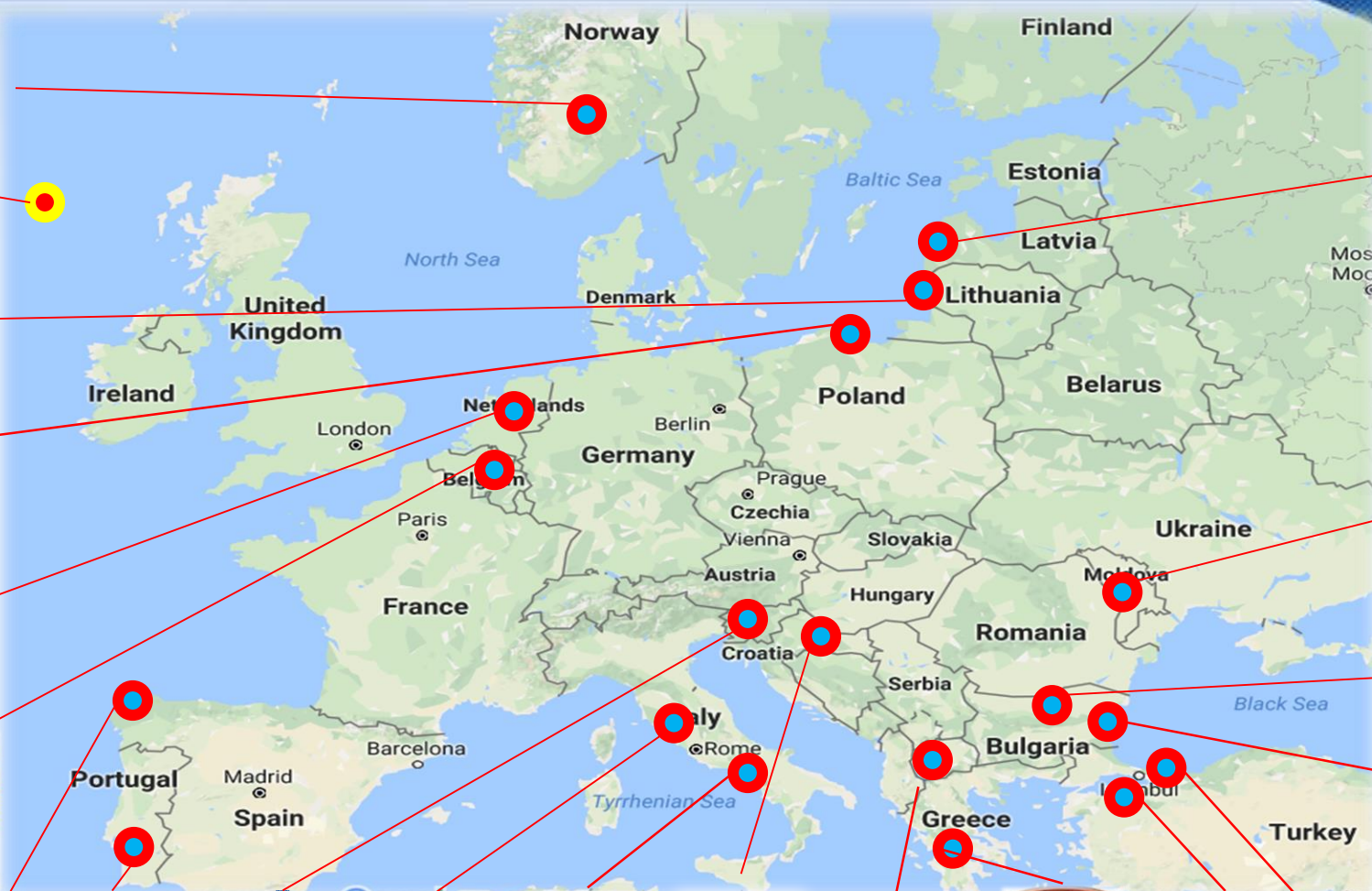
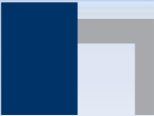
Unconventional warfare component meant to interfere with C4I systems by generating strong electromagnetic pulses



Technological platform for remote cable operated utility and recreational minirobots, with low visibility operational capability



MAIN EXTERNAL PARTNERS





MAIN EXTERNAL PARTNERS



1. "Nikola Y. Vaptsarov" Naval Academy, Varna, **BULGARIA**
2. Angel Kanchev University of Ruse, **BULGARIA**
3. Polish Naval Academy, Gdynia, **POLAND**
4. Turkish Naval Academy, Istanbul, **TURKEY**
5. "Piri Reis" University, Istanbul, **TURKEY**
6. Escuela Naval Militar de Pontevedra, **SPAIN**
7. Hellenic Naval Academy, **GREECE**
8. Italian Naval Academy, Livorno, **ITALY**
9. Accademia Aeronautica, Pozzuoli, **ITALY**
10. Aalesund University College (NTNU), Alesund, **NORWAY**
11. Catholic Portuguese University, **PORTUGAL**
12. Delft University of Technology, the **NETHERLANDS**
13. European Security and Defence College, Bruxelles, **BELGIUM**
14. Michigan State University, **USA**
15. Liepaja Maritime College, **LATVIA**
16. University of Ljubljana, **SLOVENIA**
17. University of Split, **CROATIA**
18. Lithuanian Maritime Academy, **LITHUANIA**
19. Military Academy "General Mihailo Apostolski", Skopje, **MACEDONIA**
20. "Alexandru cel Bun" Military Academy, Chisinau, **MOLDOVA**

MEMBERSHIPS

IAMU - International Association of Maritime Universities;



NASC - Naval Academies Superintendents Conference;

BSUN - Black Sea University Network;

EUA – European University Association





INTERNATIONAL COOPERATION

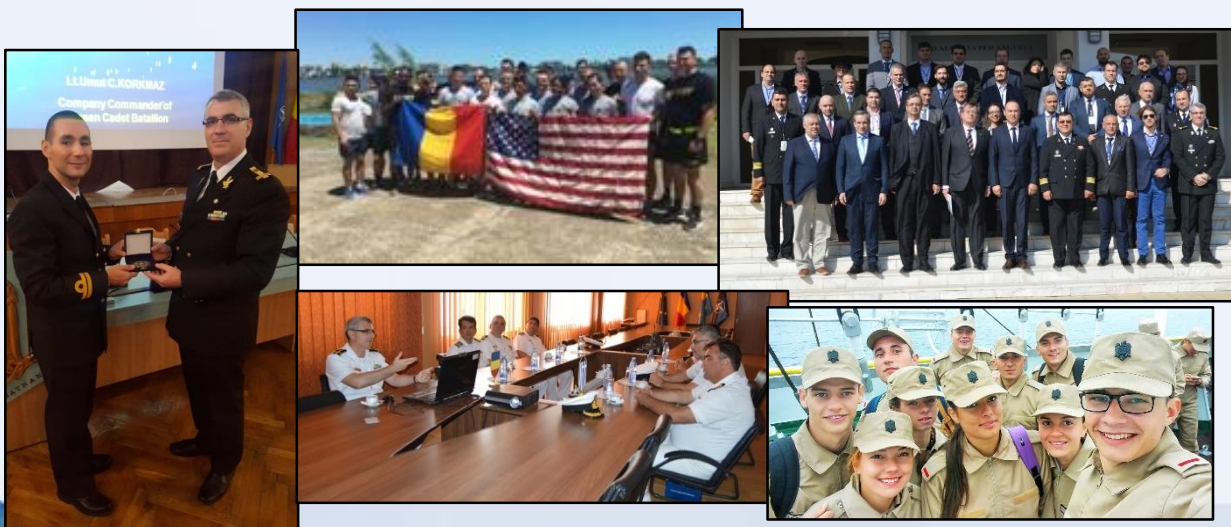


**CONSTANTA
2018**



BILATERAL COOPERATION – INCOMING 2017

ACTIVITATEA	PNA 	BNA 	HNA 	RM 	UKR 	EN 	TNA 	ITA 	NUE 	USA 	GN
Training modules	-	-	-	-	-	-	-	-	-	12	-
Training modules (seamanship, leadership, military training, simulating exercises)	-	13	1	-	-	-	1	1	-	11	15
Training onboard TS Mircea	4	2	2	-	-	-	-	-	2	-	110
Official visits / Crew of visiting ships	-	-	4	2	84	-	10	-	5	-	-
TOTAL	4	15	7	2	84	2	11	1	7	23	125



TOTAL	
MISSIONS	15
CADETS	151
OFFICERS	130

**CONSTANTA
2018**



BILATERAL COOPERATION – OUTGOING 2017

MISSION	PNA	BNA	HNA	INA	IAFA	CDA	MAM	TNA	ENM	GB	Ireland	GN
Nautical competitions	6	4	-	5	-	-	-	-	3	-	-	-
Training modules (defense & security, leadership, meteorology, military training, simulating exercises)	4	4	4	1	2	-	2	-	-	-	-	-
Scientific events	-	-	-	-	-	2	-	-	-	4	2	-
Onboard training	-	-	2	-	-	-	-	2	-	-	-	-
Official visits	2	-	2	-	-	-	-	-	2	-	-	2
TOTAL	12	8	8	6	2	2	2	2	5	4	2	2



TOTAL	
MISSIONS	23
No. of Cadets	40
No. of Officers	15

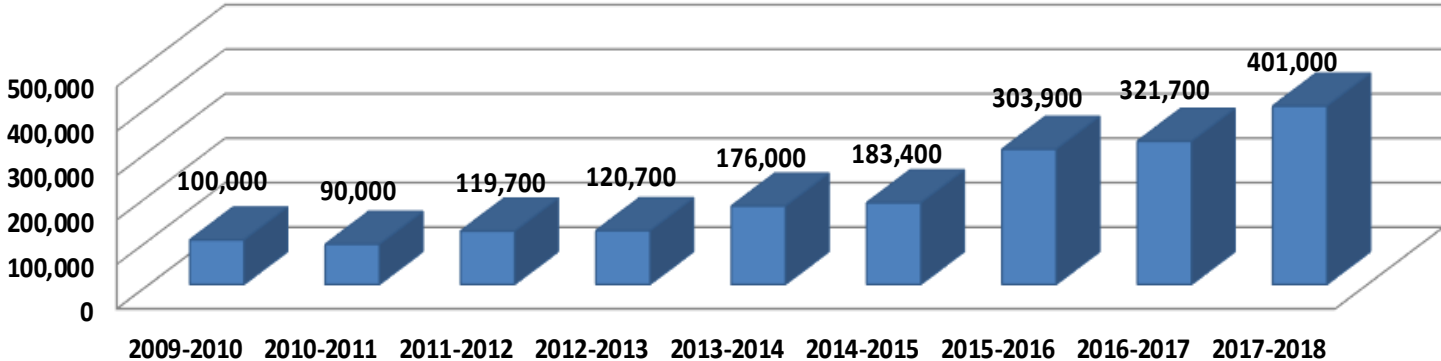


**CONSTANTA
2018**

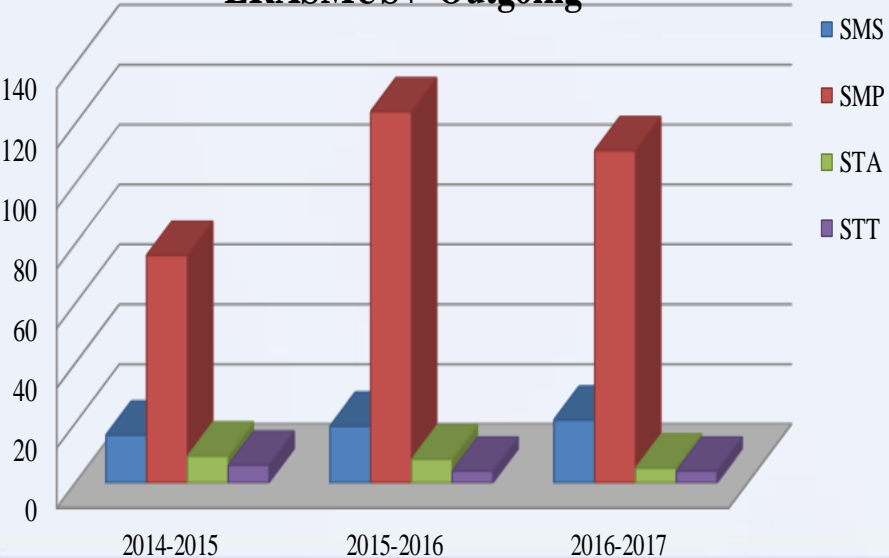


ERASMUS+ PROGRAMME

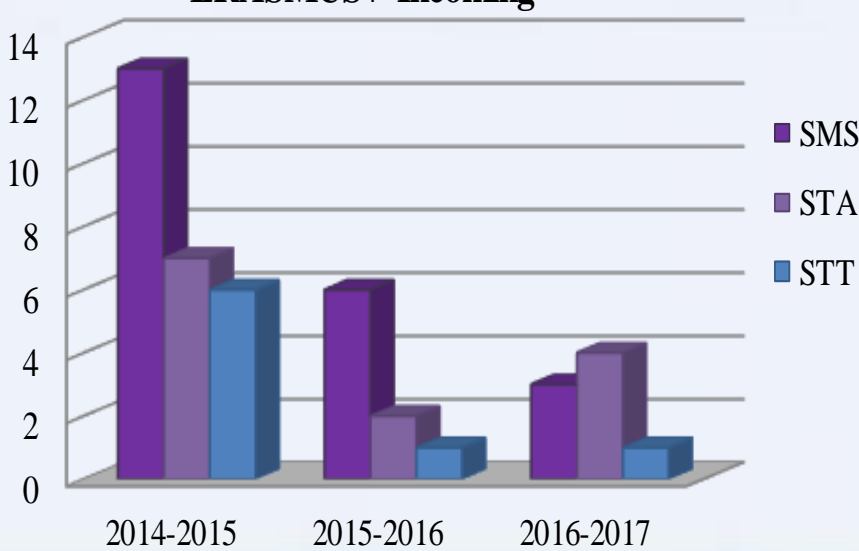
ERASMUS+ Funds (Euro)



ERASMUS+ Outgoing



ERASMUS+ Incoming



MIRCEA CEL BĂTRÂN NAVAL ACADEMY



THANK YOU !