



GUADELOUPE
PORT CARAÏBES

European Excellence

DISCOVERING
MY PORT

Discovering my port

Objectives of the project

- **GENERATE INTEREST IN THE PORT BY IMPROVING UNDERSTANDING ABOUT IT**
- **RAISE AWARENESS AMONG NEW GENERATIONS OF EMPLOYMENT POTENTIAL IN THE SHIPPING AND PORT SECTOR**
- **IMPROVE SCIENTIFIC KNOWLEDGE OF THE NATURAL AREAS OF THE PORT DISTRICT AND THEIR PRESERVATION**
- **CREATE SUPPORT FOR THE PORT DEVELOPMENT PROJECT**
- **ENABLE YOUNG GENERATIONS TO TAKE ADVANTAGE OF THE CAREER OPPORTUNITIES RELATED TO MODERNISATION OF THE PORT INFRASTRUCTURE AND IN THE DEVELOPMENT OF RELATED SECTORS**



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Main axes

CREATE AWARENESS ON THE
PORT INFRASTRUCTURE AND
STIMULATE PEOPLE'S INTER-
EST IN PURSUING CARRERS
IN IT

I

PROMOTE AND FUND
RESEARCH

II

SUPPORT KNOWLEDGE VECTORS
(TEACHERS / ASSOCIATIONS)
AND THEIR ENVIRONMENTAL
PRESERVATION INITIATIVES
AMONG YOUNG AUDIENCE

III



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CREATE AWARENESS ON THE
PORT INFRASTRUCTURE AND
STIMULATE PEOPLE'S INTER-
EST IN PURSUING CARRERS
IN IT

I



Discovering my port

Axe I Create awareness on the port infrastructure and stimulate people's interest in pursuing careers in it

Actions between 2010 and 2015



Partnership with the Educational Authority of Guadeloupe for a better understanding of the shipping and port activity

Awareness raising and information campaign on the work of the Port Nouvelle Génération. Including through establishment of a Works Centre, located between the city and the sea.



Visit of the Works center by small groups of students (150 children invited)

The establishment of works ambassadors
(3 secondary school students)



Discovering my port

Axe I Create awareness on the port infrastructure and stimulate people's interest in pursuing careers in it

Actions between 2010 and 2015

Open days for schools



Stands on the port trades hosted by the volunteer staff



Presentation of the port activity



Tour of the facilities by boat

8 november 2011 : 600 pupils invited on 1 day

22 & 23 november 2013 : 1400 pupils from 28 schools invited on 2 days

From 20th to 28th of november 2014 : 400 pupils from 13 classes invited

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Axe I Create awareness on the port infrastructure and stimulate people's interest in pursuing careers in it

Actions between 2010 and 2015



102 interns received since 2010

Inviting young professional training interns (15 young people since 2010).

Each year, Guadeloupe Port Caraïbes devotes nearly € 100,000 towards developing the skills of young people welcomed into the establishment to promote their vocational integration.

Actions scheduled 2015-2020

Pursue the meetings
Between school and professional

Present the different harbor
professions within public student events

Make the students participate in the
welcome of the cruise passengers

Realisation of a web series on port trades

Art competition: Imagining the Port Nouvelle Génération: what will it look like?

Financing a film made by the schoolchildren on the Port

Development and implementation of
short training sessions for teachers

Promote the renovation works

Open days for schools
Objective : 300 students each year

Creating a traveling exhibition

School competition: "Find a name
for our new wharves"

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PROMOTE AND FUND
RESEARCH

II

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AXE II PROMOTE AND FUND RESEARCH

ACTIONS

Partnership with the University on financing thesis work



■ Doctoral Thesis: «Contribution to the census of cetaceans in the Guadeloupe archipelago by visual and acoustic monitoring»
The subject had the following objectives: ecology and biology of cetacean populations in the Guadeloupe archipelago, sample and permanent observations, modeling of an observatory of marine mammals and scientific development

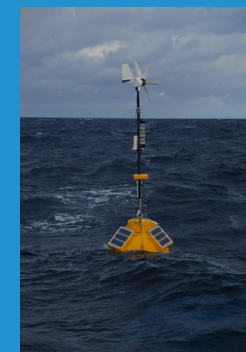


■ Funding of 2 Courses Level Master 2

- «Analysis of acoustic recordings for the detection of cetaceans»



- «Improvement and development of a semi-permanent passive system for recording cetaceans»



62,884 EUROS

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AXE II PROMOTE & FUND RESEARCH

ACTIONS

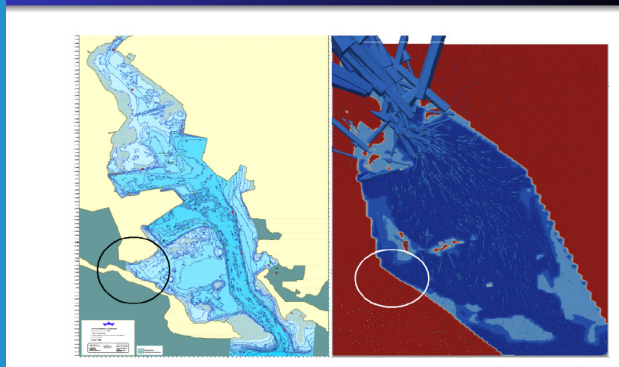
■ Funding of Doctoral thesis: "Mathematical and numerical studies of underwater morphodynamics of a coastal channel"

The subject was to model the physical characteristics of a (submarine) channel

■ Funding of Research Services and 2 Master 2 Level Courses on the topic «Hydrodynamics simulation within a realistic field»

The subject consisted of developing the parallelism of the computer code for the professionalization of the modelling tool under development.

Instabilité du flux



73,584 EUROS

■ Doctoral thesis: «Numerical modelling of complex systems in tropical lagoons: Applications on the behaviour of archaebacterial mats »

The subject was to develop a water circulation model and evaluate it on a diverse and widespread ecological niche in many ecosystems: archaebacterial mats (prokaryotic micro-organisms)



26,523 EUROS

■ Provision of Research and Scientific Development «Historical study of underwater heritage potential of the harbour of Pointe-à-Pitre»

22,122 EUROS

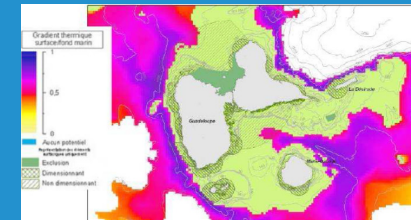
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AXE II PROMOTE & FUND RESEARCH



ACTIONS

Funding of a scientific mission: renewable energy measures of the sea and Course Level Master 2 "Renewable energy potential of the sea in Guadeloupe"

4,855 EUROS






Funding of a preliminary programme for research, development and demonstration project of submerged wave power plant




Projet démonstration
Centrale électrique immergée à houle
(Centrale houlomotrice immergée)

Pr. J.L. MANSOT
Centre Commun de Caractérisation des Matériaux (C3MAG)
DYNECAR
GTSI
LAMIA
LARGE
Etude IACO
TPMAT


Consommation électrique mondiale = 20 000 TWh
Ressources houlomotrices = 2 000 à 8 000 TWh



Physique




Houle



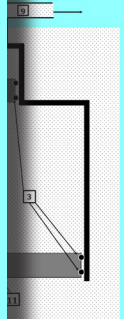
Variation de volume d'une chambre cylindrique déformable selon sa longueur immergée à 10 m

Position retenue



L'endroit précis d'implantation adapté

Type 1 (2 brevets)



18,000 EUROS

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AXE II PROMOTE & FUND RESEARCH FILIÈRES

ACTIONS

Funding of 3 Course Level Master 2 «Renewable energy potential of the sea in Guadeloupe»

■ «Bio-assessment of the environmental quality of sediments»
The subject was to evaluate the toxicity of marine sediments in two ways in the laboratory and in the field. A bio-assessment of the environmental quality of port sediments was carried out.



■ «Food ethology of invasive fish species *Pterois volitans* in Guadeloupe»



■ «Effect of water stress on the ecophysiological response of dry forest seedlings»



7,545 EUROS

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AMONG YOUNG AUDIENCE

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AXE III SUPPORT KNOWLEDGE VECTORS (TEACHERS / ASSOCIATIONS) AND THEIR ENVIRONMENTAL PRESERVATION INITIATIVES AMONG YOUNG AUDIENCES

ACTIONS

Financing the creation of teaching tools and outreach activities on the marine world and school

51,500 EUROS

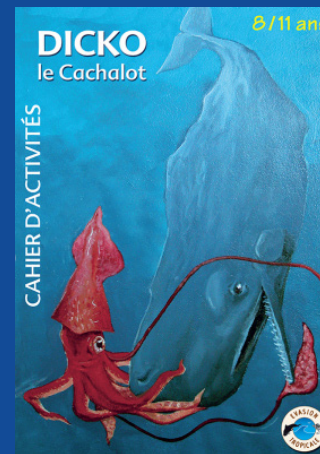
■ Workshops for children during Environment Week 2011-2014



14,000 EUROS

■ Activities Workbook

Dicko, le cachalot (Vail the Sperm Whale..)



2,000 EUROS

■ Participation in financing the project "An aquarium in the classroom"



9,000 EUROS

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ACTIONS

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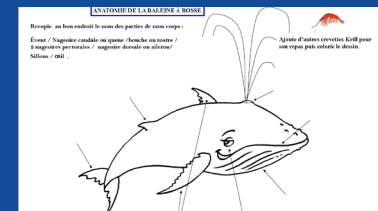
51,500 EUROS

Awareness-raising activities on the marine world for 1,750 children (Hands-On Workshops for schoolchildren) 2009-2017



17,500 EUROS

Participation in financing the creation of teaching tools



9,000 EUROS

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ACTIONS

Financing of teaching tools toward environmental preservation

11,400 EUROS

■ Creation and distribution of the teaching kit «Ti Forestié
An Mangrov» [Little Mangrove Forest]

10,000 EUROS



■ Nature Classes given by the NFO (National Forest Office)

1,400 EUROS



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SCHEDULED ACTIONS

Co-creation of educational tools on trades and the industrial-port zone with and for teachers.

2016

Inviting teachers at the observation stage of their training to the works, in order to raise their awareness of port trades.

**FIRST SESSION:
FROM 29 &
30/06/2015**

«Bobosse la Baleine à
Bosse Activities Workbook»
[Gail the Humpback
Whale....]

2016

Hands-On Workshops for schoolchildren on the
marine world

UNTIL 2017

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List of Appendices

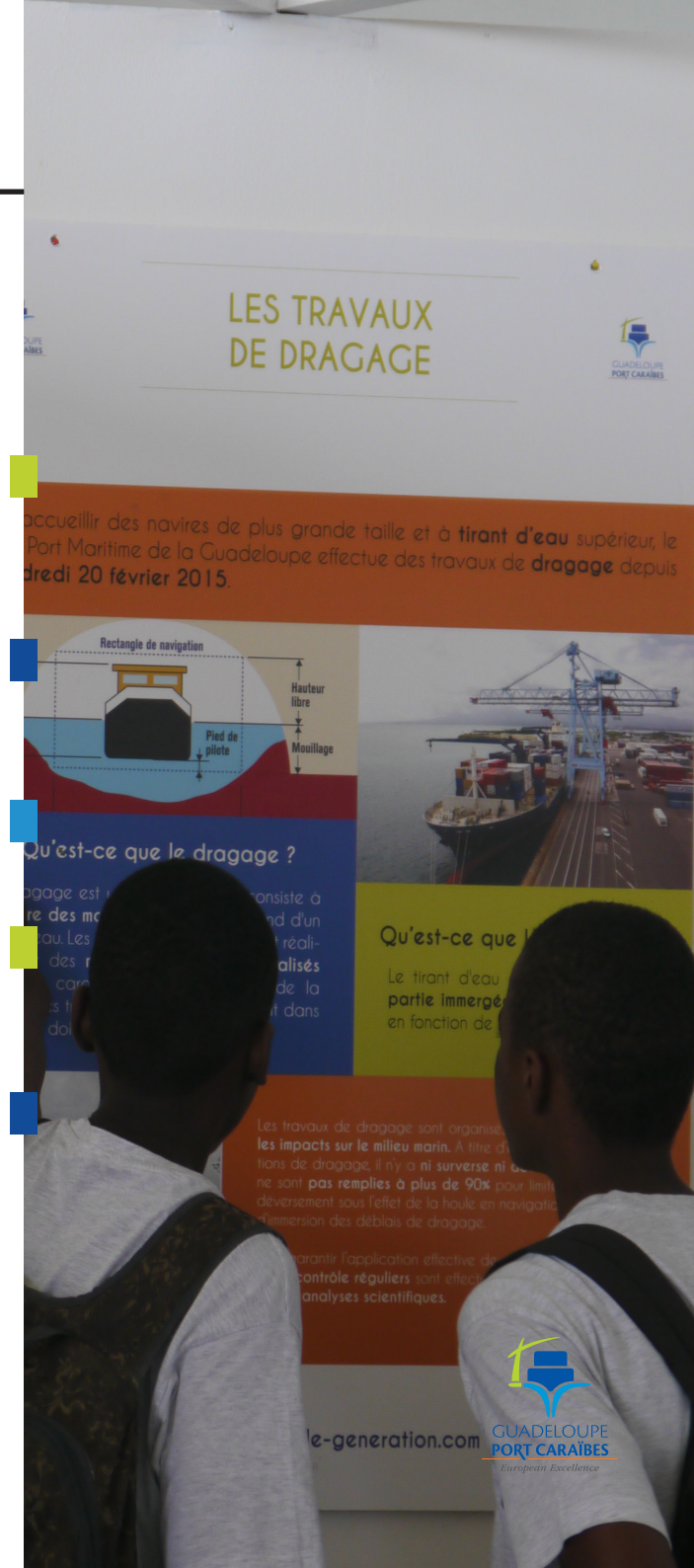
**PARTNERSHIP AGREEMENT FRAMEWORK
WITH RECTORAT**

**PARTNERSHIP AGREEMENT FRAMEWORK WITH
FRENCH WEST INDIES & GUIANA UNIVERSITY**

PORT CENTER CHARTER

**MOTION DESIGN RELATED WITH THE WORKS
OF GUADELOUPE PORT CARAÏBES**

**SHORT FILM ON AMBASSADOR OF THE NEW
GENERATION PORT'S WORKS VILLAGE**





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Guadeloupe Port Caraïbes

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