Ocean and Climate Platform

Patricia Ricard & Françoise Gaill
A HEALTHY OCEAN IS A PROTECTED CLIMATE

THE OCEAN ABSENT FROM CLIMATE NEGOTIATIONS
Objectives

In perspective of the COP21 and further…

- **Include the Ocean in the future climate regime** and contribute to a successful outcome of the COP21 negotiations

- **Develop scientific knowledge** of the links between Ocean and Climate

- **Raise awareness among the public and private decision-makers** of the Ocean and Climate concerns
An international multi-stakeholder collaborative platform

- Scientific organisations, universities, research institutions
- Environmental and companies associations, foundations and science centers
- International private foundations and public institutions

Established on June 10th 2014: celebration of World Oceans Day
OCP members

Civil society organisations

Agencies

Scientific Centers

Marine protected areas

Scientific & research institutions & universities

UNESCO
Steering Committee
Support group of the Platform secretary

Scientific Committee
Defines the Ocean and Climate Issues and approves the orientations

Communication Group
Coordinates the communication activities

Dissemination Group of Scientific Knowledge
Writes the content intended for the general public

Advocacy Group
Defines the goals of the advocacy and coordinates the lobby

The Platform has no juridical existence
The Platform’s drivers

The production of content and mobilization and awareness tools

The production of scientific and technique knowledge on Ocean and Climate

Lobbying towards the integration of the Ocean in the climate regime

The co-sharing and coordination of awareness and mobilizations projects with the Platform’s members
Advocacy and Mobilization

Continue to invest in scientific research in order to better understand ocean-climate interactions and support policy formulation and implementation.

Strengthen the ocean’s capacity to mitigate climate change, through protected and functioning marine ecosystems able to store CO2;

Address the adaptation challenges faced by coastal regions, island nations that are often the most vulnerable;

Develop innovative solutions in energy, food and maritime transport industries;

Integrate projects related to sustainable management and the conservation of marine and coastal biodiversity into climate finance mechanisms, in particular initiatives related to marine protected areas;
Platform’s outcomes

● A series of pedagogical fact sheets on the role of the Ocean on the Climate and the impact of climate change on the Ocean

● An advocacy strategy to integrate the ocean in the climate negotiations

● An unique scientific synthesis of the issues concerning the Ocean and Climate

Françoise Gaill (CNRS) coordinates the Scientific Committee
a scientific and technological public organization

*French Ministry of National Education, Higher Education and Research*

the largest fundamental research organization in Europe

CNRS covers all scientific disciplines: **10 thematic institutes**
< 35,000 scientists

> 1000 research units

< 30 000 publications / year
CNRS REPRESENTATION OFFICES ABROAD

WASHINGTON DC
- USA, Canada, Mexique
- Directeur : Xavier Morise

BRUXELLES
- Union européenne
- Directeur : Günther Hahne

PARIS-DIRECTION GÉNÉRALE

MALTE
- Secteur méditerranéen (Europe du Sud, Afrique du Nord et Moyen-Orient)
- Directeur : Arnaud Lalo

MOSCOU
- Russie et Nouveaux États indépendants
- Directeur : Michel Tararine

NEW DELHI
- Inde
- Directeur : Dominique Aymé de la Chevalerie

PRETORIA
- Afrique sub-saharienne
- Directeur : Jean Albergel

RIO DE JANEIRO
- Brésil
- Directeur : Jean-Pierre Briot

PÉKIN
- Chine
- Directeur : Antoine Mynard

TOKYO
- Japon, Corée, Taiwan
- Directeur : Guy Faure

HANOI
- Asie du Sud-Est
- Directeur : Luc Le Calvez
RESOURCES & RESULTS

2015 CNRS budget: > 3.5 billion euros

CNRS income: > 800 millions euros

20 Nobel prize laureates

11 Fields Medal winners
The french oceanographic fleet
Technologies & bioinspiration
adaptation?

High content CO₂

temperature (°C)

Pressure (P)

anoxia (O2)

acidity (pH)

toxicity (H₂S)
rising CO$_2$ has created a deadly trio of stressors

- Ocean Acidification
- Global Warming
- Declining Oxygen Levels
Advocacy and Mobilization

Major Ocean events during the COP21

- **December 3** - A day dedicated to the Ocean in the civil society zone in Le Bourget

- **December 3 and 4** - Ocean and Climate Forum and Oceans day at COP21: two days of conference on scientific, technical and political issues
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Thank you!
to assess the role of marine biodiversity & ecosystems in the biosphere
Mobilization during COP21

● Climate Armada

From April to COP21, gathering of boats at Paris during the COP21 with a relay at the coast prior to the COP21

● Tara Pavilion in Paris

Creating a venue with Ocean and Climate exhibitions at Paris from mid-November 12 to December 20

● Ocean and Climat Forum (December 3) and Oceans day at COP21 (December 4)
1. **Mitigation**: reduce greenhouse gas emissions and conserve marine ecosystems

2. **Adaptation**: develop strategies of adaptation for ecosystems and the most vulnerable populations

3. **Science**: promote research and disseminate scientific knowledge about ocean-climate interactions

4. **Financing**: earmark specific funding for the ocean
2/3 high sea

25% ZEE Europe