



# EXPÉDITION SUR LES TRACES DE DARWIN MARCHE



# THE TEAM



EMY



LOLA



NINA



CONSTANCE

AgroParisTech

Talents d'une planète soutenable

## IT REPRESENTS...

> 3000 STUDENTS

1 FOUNDATION

A NETWORK OF OVER 18,000 ALUMNI

24 RESEARCH UNITS, INCLUDING ONE RESEARCH AND DEVELOPMENT UNIT

790 HECTARES OF EXPERIMENTAL FOREST

1 EXPERIMENTAL FARM

1 TECHNOLOGY HALL

## AGRICULTURE SCIENCES

SHANGHAI RANKING'S GLOBAL OF ACADEMIC SUBJECTS 2023

3

11

44

FRANCE

EUROPE

WORLD

## BIOLOGY

LE FIGARO ÉTUDIANT 2024

1

FRANCE

## MASTERS AND OPPORTUNITIES IN...

BIOTECH, AGRICULTURAL DEVELOPMENT, TOXICOLOGICAL RISK FOR ECOSYSTEM AND HUMAN HEALTH, ECONOMICS AND BUSINESS MANAGEMENT, MANAGEMENT OF WATER, ENVIRONMENTAL AND ECOSYSTEMS MANAGEMENT, SCIENCES AND TECHNOLOGIES OF BIOLOGY, NUTRITION...



# OUR PROJECT

HIGHLIGHTS A WEALTH THAT NEEDS TO BE PROTECTED...

The Philippines is characterized by its many **endemic species** and multiple biomes with **unique ecosystems**.

Paradoxically, under the pressure of human activities, the country is **witnessing an erosion of its biodiversity** and currently faces many **conservation challenges**.



## TIMELINE

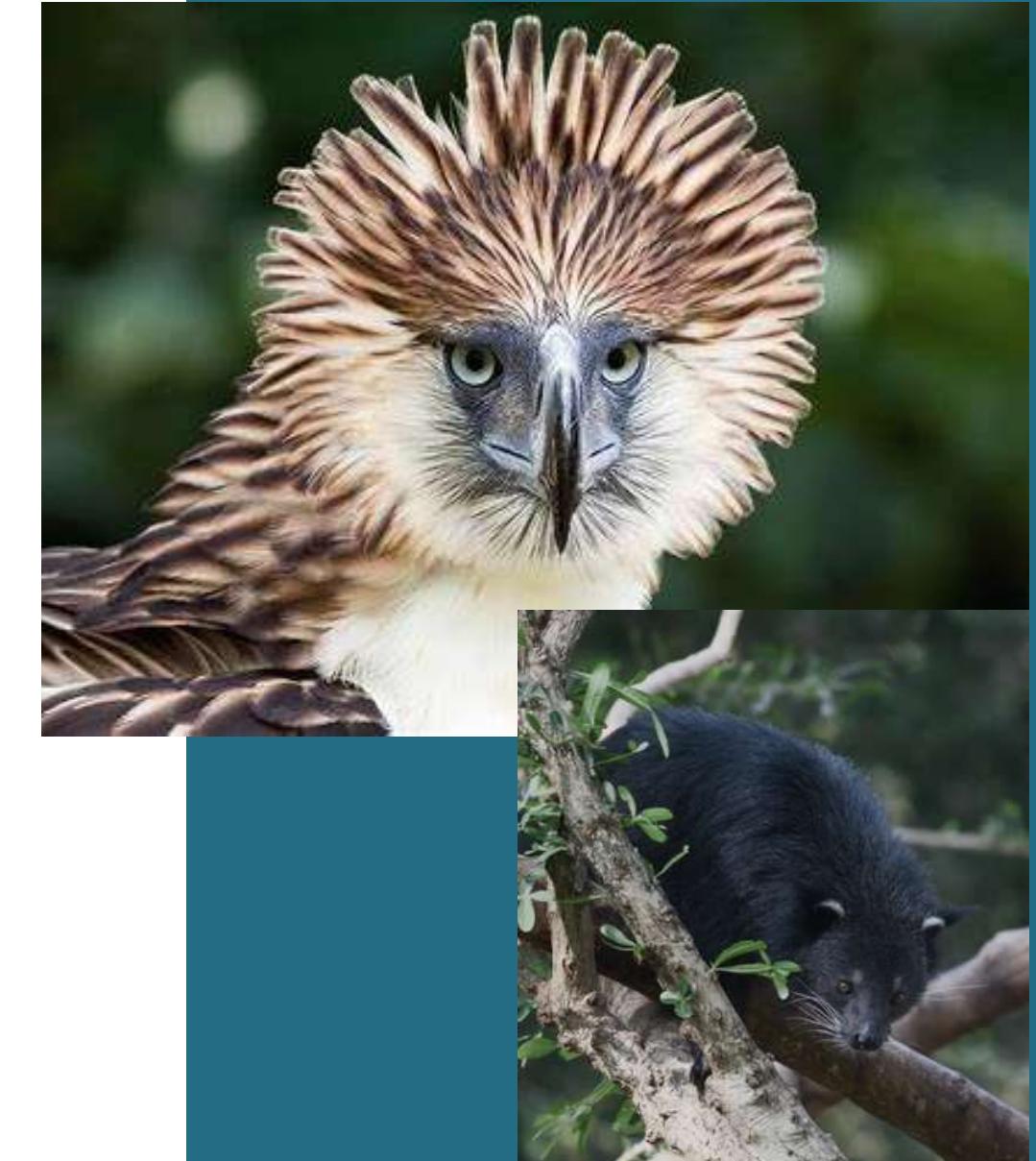
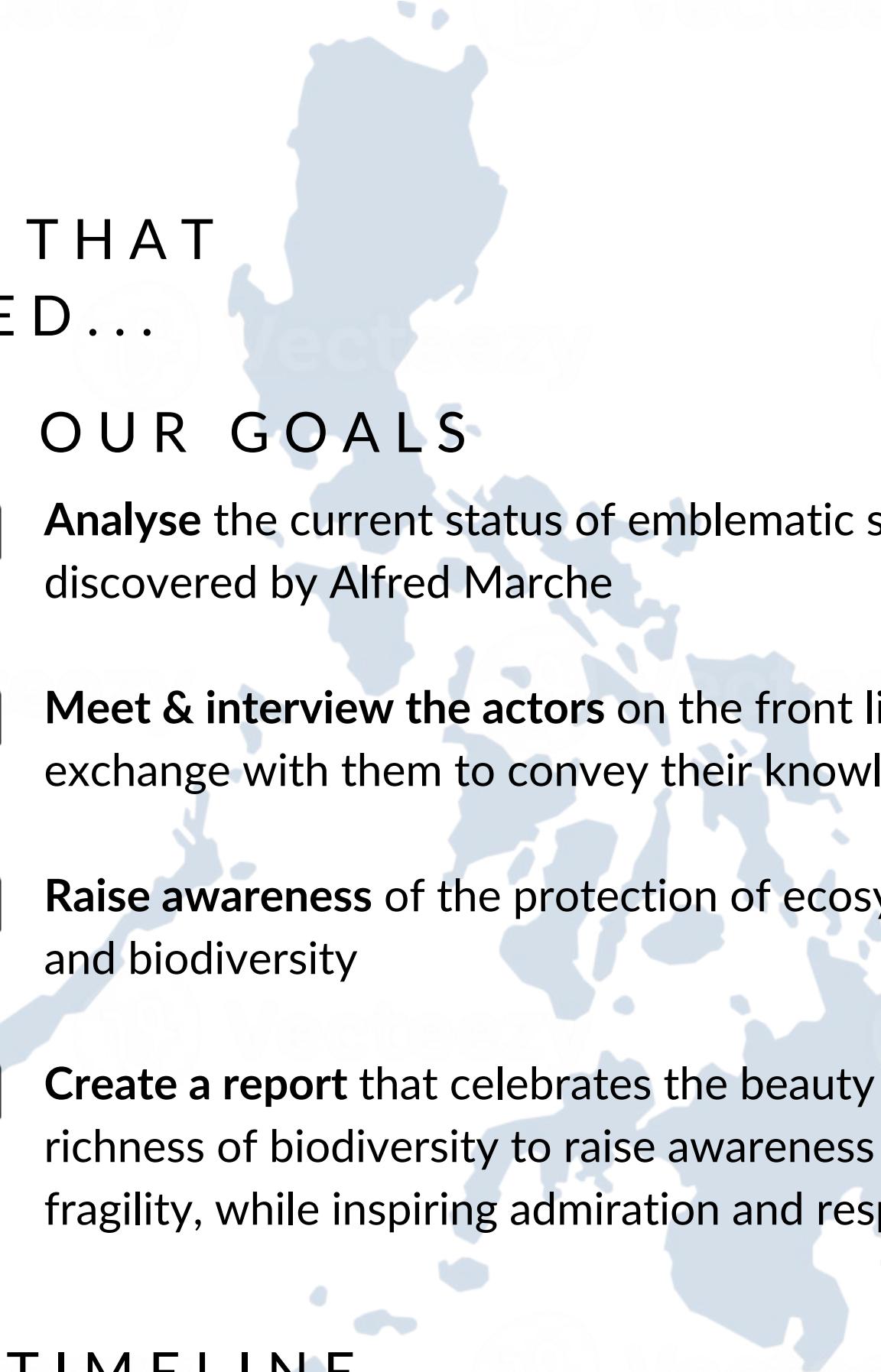
March      <sup>15th</sup> April      May      June      July

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Vietnam      <----- Philippines ----->      Thailand

## OUR GOALS

-  **Analyse** the current status of emblematic species discovered by Alfred Marche
-  **Meet & interview** the actors on the front line, exchange with them to convey their knowledge
-  **Raise awareness** of the protection of ecosystems and biodiversity
-  **Create a report** that celebrates the beauty and richness of biodiversity to raise awareness of its fragility, while inspiring admiration and respect.



*"Listen, observe, understand  
to better convey "*

# ON THE FOOTSTEPS OF A. ALFRED MARCHE

... Or how have the ecosystems encountered 200 years earlier evolved ?

Antoine-Alfred Marche (1844 - 1898) was a French naturalist and explorer who organized and participated in several expeditions to Africa, the Philippines and the Mariana Islands.

During his expeditions he **collected many specimens**, including new species such as the *Ptilope de Marche* and the *Zostérops doré* that were named after him

1

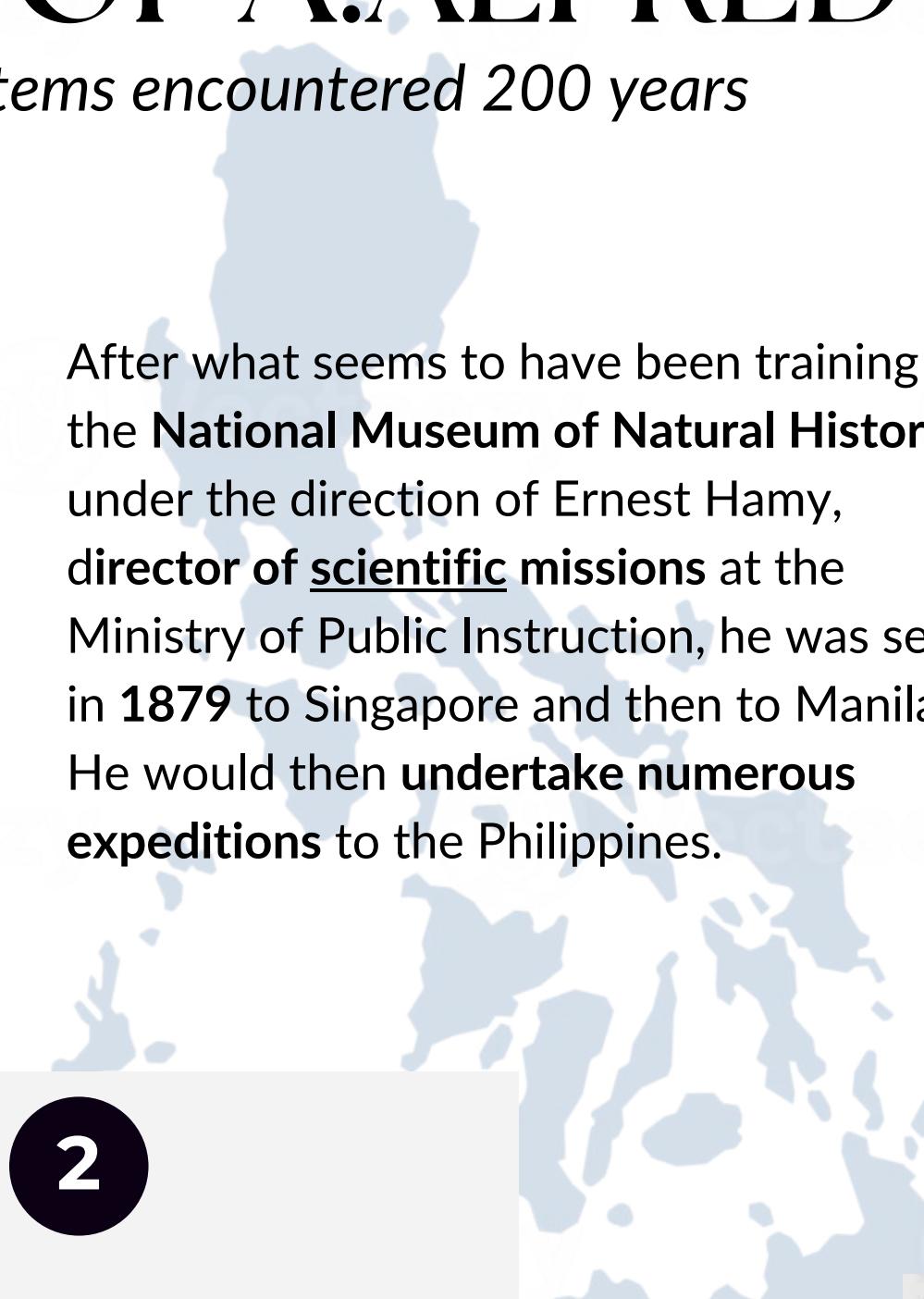
## A PAPER TRAIL

In his logbook, Marche describes his daily life on the island. He records the living conditions, the weather and his expeditions in search of new species

2

## EMBLEMATIC SPECIES

A way to establish a comparison between the wildlife he encountered more than 200 years ago and the current state of the ecosystems

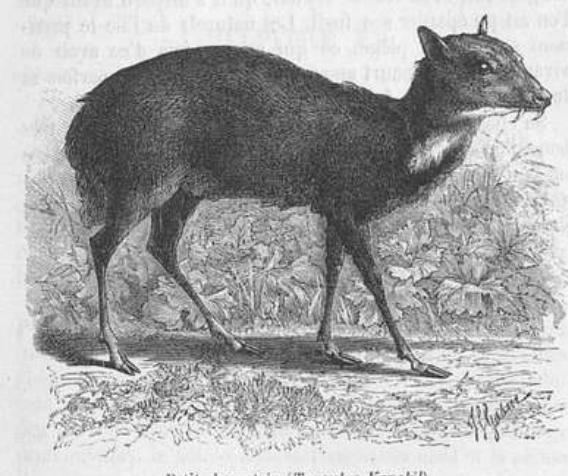


= Our guiding thread

## LUÇON ET PALAOUAN

SIX ANNÉES  
DE VOYAGES AUX PHILIPPINES

PAR  
ALFRED MARCHE



Petit chevrotain (*Tragulus kanchil*).

# OUTCOMES AND VISIBILITY

## OUR RETURN



## GOALS

-  **Transcribe** what we will have learned into a **format accessible to all**.
-  **Open the debate and raise awareness among younger audiences**, not by using a moralizing tone...
-  ...Also showcase the **beauty and richness of biodiversity** to highlight its **fragility**, while inspiring admiration and respect
-  A **1-hour video report mixing expert speeches and captivating images** (broadcasted in french engineering schools and high schools)
-  A **photography exhibition** : a way to immortalize and reach new audience and ways of broadcast



# THEY ALREADY TRUST US...

## FRENCH FUNDATIONS THAT SUPPORT US

FONDATION  
**AgroParisTech**



Reconnue d'intérêt général

## SCIENTISCT ORGANISATIONS IN PHILLIPINS WE WILL MEET

Blue  
Alliance  
MARINE PROTECTED AREAS

PALAWAN  
MINDORO



PALAWAN/  
MINDANGO



LAOS



NEGROS



LAOS



PALAWAN



LAOS

## BRANDS AND COMPANIES THAT GIVE US THEIR SUPPORT AND HELP FOR EQUIPMENT



EN  
IMAGES



**EXPE WALLACE**  
2024 INDONESIE

2023



**EXPE DARWIN**  
2023 AMERIQUE DU SUD

## THE PREVIOUS EXPEDITIONS

2023



2024



# HOW COULD YOU TAKE PART IN THIS PROJECT ?



Allowing us to **follow your experts/scientists on the field** in order to...

- **Learn more about the works** that are led in your organization ;
- **Observe and film the fauna** they are daily working close to ;
- **Film the expedition** and the work that is done on the field (we need a lot of images to illustrates what will be said) ;



Offering us **interviews with your scientists and experts**. A way for us to give a **real scientific background** and **credit** to our documentary

- When would they be free ?
- Would they be down to be filmed ?



As much as possible for you, **allowing us to take part** in a project/expeditions hosting us a few days/weeks ?



*Put us in touch with other organizations/associations that work in fields that match with our issues and that would be interested in our project*

## & WHY ?

We will **highlight your organization** and the work **you achieve** through our documentary that will be **released to young students in sciences and biodiversity in France**

**Share/transmit knowledge** to young and **passionated student**

Take part in a **dynamic and innovative project** of students coming from a **renowned French school**

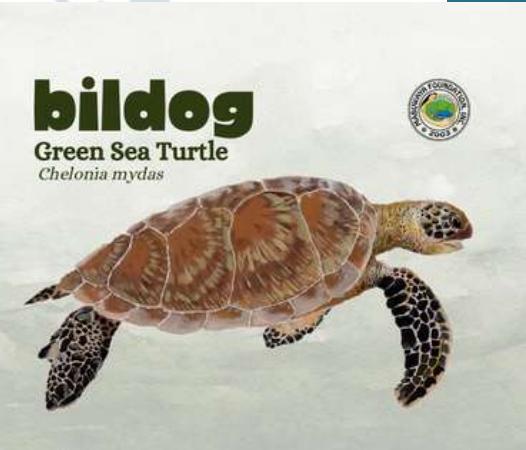
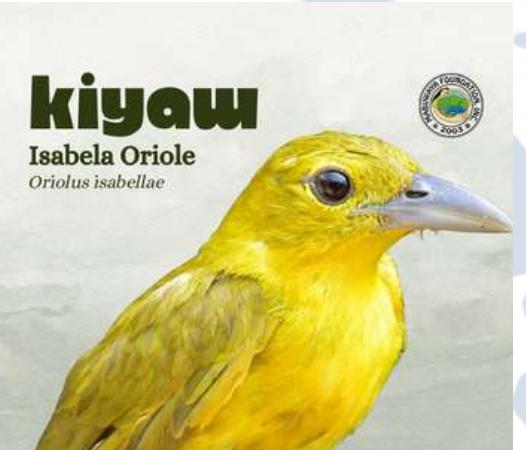
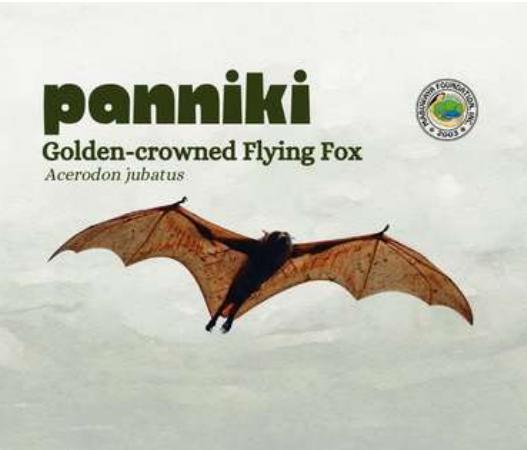
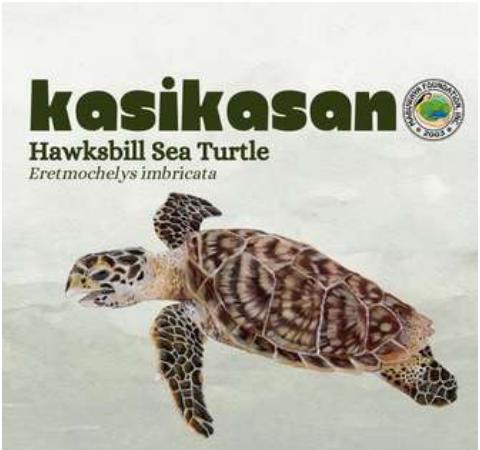


# SUBJECT WE WOULD LIKE TO DISCUSS WHEN MEETING WITH YOU



- Conservation & research program for the Philippine Crocodile :

- What are your **missions** ? Are you **monitoring** the population in the wild? Do you **rehabilitate** the animals from the center back into the wild ? **How many areas** are you working on? Where exactly?
- What research projects are you currently working on? And what topics will you be working on in April and May?



# SUBJECT WE WOULD LIKE TO DISCUSS WITH YOU



- **PROGRAMME D'ETUDE DU BINTURONG // BEARCAT STUDY PROGRAM :**

En apprendre plus à propos des 3 thèmes d'étude :

1. La taille du domaine vital du binturong à Palawan ;
2. Le comportement alimentaire et social du binturong à Palawan ;
3. Les interactions entre le binturong et les forêts de Palawan.

- Les méthodes utilisées afin d'étudier les comportements de l'animal ( photo surveillance, collier émetteur équipé d'un GPS)
- Comment procédez vous à la réhabilitation des animaux dans leur milieu naturel, comment récupérez vous ces animaux ?
- Quels sont les principales menaces qui pèsent aujourd'hui sur le binturong ?
- Comment faites-vous le lien entre les études terrain et la sensibilisation en France ? Quel vecteur de transmission d'information ?



PALAWAN

# SUBJECT WE WOULD LIKE TO DISCUSS WITH YOU



- A game-changing idea : the development of **self-sustaining MPAs** through securing innovative funding and building sustainable revenue models
- Collaborative **co-management** on behalf of **local government**

On the field, about the conservation of the marine ecosystems and its biodiversity, ranging from the coral reefs, the mangroves to the seagrass beds (ex: Mahal na Pangalan Marine Park) :

- **Coral reefs conservation** : monitoring wildlife, reducing by-catch of endangered species, tackling the pollution at source...
- **Conservation program** for the olive ridley and green **sea turtles** in Mindoro
- Fighting illegal and destructive fishing (surveillance programs)
- **Mangrove conservation area** and the **wildlife** it hosts (Silonay Mangrove Conservation Ecopark)
- Creation of jobs and livelihoods for coastal fisher households



Monitoring wildlife and ecosystem health



Designing sustainable fishery management plans



Reducing by-catch of endangered species



Tackling pollution at the source

Source : Blue Alliance website

PALAWAN



MINDORO

MINDORO

