



Cambeú Project

For the protection of *Olive* and
Leatherback turtles in the
Angolan coasts



- Leatherback turtle (*Dermochelys coreacia*)

Status: critically endangered

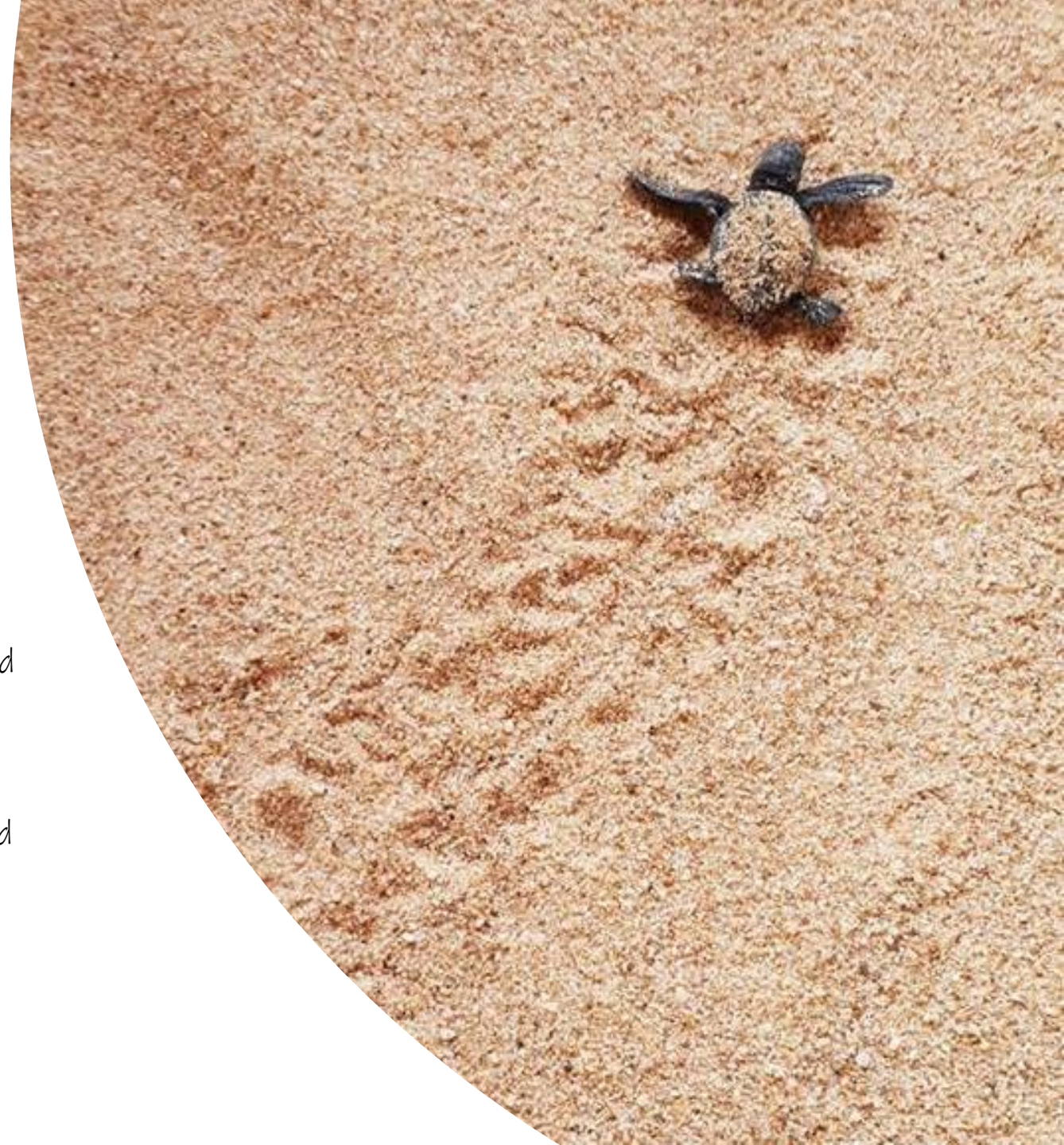


Olive turtle (*Lepidochelys olivacea*)

Status: endangered

Origins

- 🌿 Cambeú project was started in 2017 at Restinga beach in Lobito city, Angola, by 2 expats;
- 🌿 It is a totally voluntary, nonprofit project;
- 🌿 It currently works with the direct work of the founders and collaboration of some volunteers like guards, neighbors, seafront restaurants and scouts;
- 🌿 The current methodology used in this initial project had good results in:
 1. Significant increase in sightings of turtles;
 2. Incubation of the eggs;
 3. Hatching rates



General Objective

To contribute to the conservation of the *Lepidochelys Olivacea* (Olive) and *Demochelys Coriacea* (Leatherback turtle) turtle species existing in Angolan beaches, promoting a change of ecological and economical sustainable attitude in the communities where the turtles are spotted.

Nossa praia
é a vida.



Specific Objectives

- ✿ To create a set of activities that contribute to the conservation of the egg nests of the two target species of this intervention;
- ✿ Help to repopulate the remaining sea turtle species in Angola
- ✿ Contribute to build a social / community knowledge that promotes good attitudes of environment preservation;
- ✿ Inform the residents of the community areas targeted for the intervention, regarding the need for conservation of the species Olive and Leatherback;





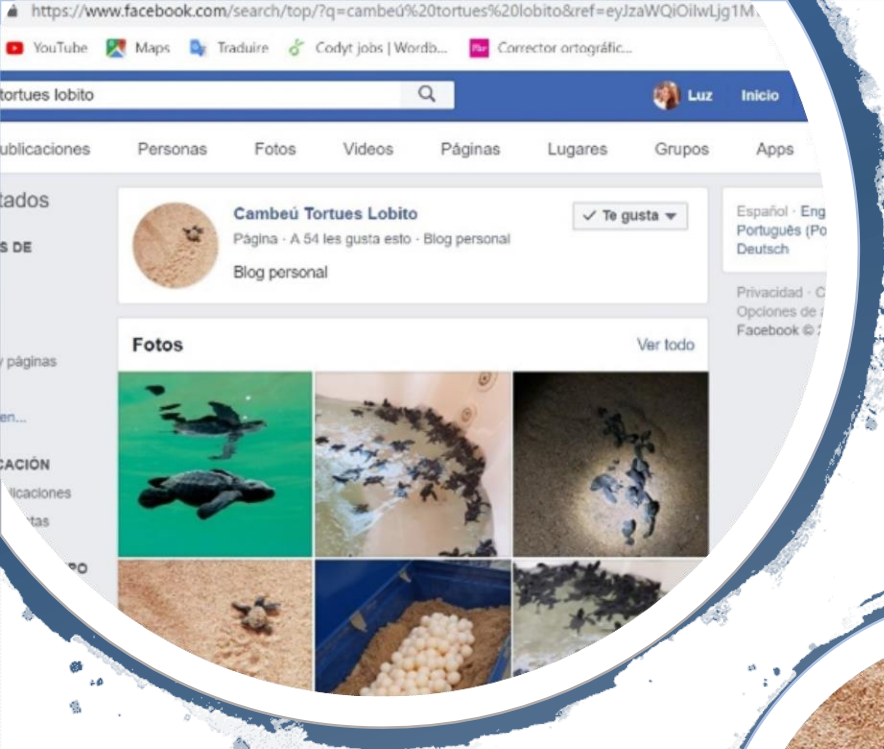
- 🌿 To raise the awareness of the need for conservation of the Olive and Leatherback species in all the country;
- 🌿 Partner up with the inhabitants to protect the sea turtles and to promote the local development of their communities;
- 🌿 To engage Angolan government entities to support our cause in order to respect the international agreements that protect the migratory species around the globe;
- 🌿 To consolidate partnerships with organisms that are concerned about this phenomenon and want to contribute to this cause;
- 🌿 To stop with extinction of the Olive and Leatherback turtles in the Angolan coasts through awareness of the inhabitants.



Metodology

🌿 How Cambeú project currently works





Before the nesting session:

- 🌿 Engagement of guards working in our house and neighbors' homes to become "turtle protectors";
- 🌿 Engaged with some businesses like restaurants and locals to warn about sightings and possible hunter attacks on turtles and prevent stealing of eggs;
- 🌿 Launching of a Whatsapp group and a Facebook page to report turtle sightings or illegal egg trading and request collaboration;
- 🌿 There was the spontaneous collaboration of several friends (many expats) to build boxes that served as incubators for eggs.



**But... how do we
engage the people?**





🌿 Presentation of informative and awareness-raising lectures to communities. The lectures are given in churches, schools, universities and government entities.

🌿 Workshops for new project volunteers





- 🌿 Conducting cleaning campaigns on the seafront
- 🌿 Installation of turtle-shaped structures that work as containers for plastic bottles and cans. The shapes of the structures are intended to make people reflect on the waste that turtles eat on the sea and how many die because of it.



🌿 In order to raise the awareness in a ludic way, We formed a theater group where we work with children in a situation of vulnerability. The group aims to present plays that aware the public regarding the environment.

🌿 The group gives free presentations in schools, churches and institutions that want to raise awareness about issues such as trash, protection of the forests, seas and all wildlife.



During the Nesting Season:

- 🌿 volunteers and authorities warn the project's founders about possible sighting, usually overnight;
- 🌿 This information is given directly knocking at our door, by phone calls or through the WhatsApp group;
- 🌿 The mother turtle is then protected throughout the laying process until its return to the sea;





- 🌿 The eggs are collected and placed in wooden boxes, built specifically to serve as incubators;
- 🌿 The eggs are kept in the incubator for a period of aprox. 60 days for the Oliva turtle eggs and 70 to 90 days for the Leather turtle eggs. During this period, the incubators are kept in the ideal conditions for the protection of the eggs, as the success at hatching would depend on it;
- 🌿 Each nest is marked with the date of collection and the number of eggs for the subsequent collection of accurate data and analysis of the hatching rates.

During the Hatching Session:

- When baby turtles are born, they go through a 24-hour "adaptation" process, where they walk down an "artificial beach", then are kept for a few hours in the pool filled with seawater and finally released into the water at appropriate times to avoid land and marine predators;
- The project receives visits from schools that take children to see the turtles and learn a little about them;
- The project can be a gateway to the development of ecological tourism.



Release of Baby Turtles

- 🌿 This is the coolest part of the process. After collecting information about the sea (through specialized applications) and observation of fish activity by fisher friends, turtles are released at times where they have the fewest possible predators, according to the information collected.
- 🌿 The turtles are taken in groups and released in the sand to make their peaceful entry into the sea and begin their great journey.






News

New Trainee Program

For this next session, we have signed an agreement with the **University of Aveiro** in Portugal and the **Jean-Piaget Institute** in the province of Benguela in Angola to bring in a master's degree trainee that will have the mission of collecting data for analysis and study, exchange experiences and knowledge, install a process of observing and identifying mother turtles and to further improve the hatching process of eggs.



A chalkboard with white chalk drawings of turtles and the text 'Bem-Vindo!'. The board is dark green and has a red border. There are four turtle drawings: one at the top, one in the middle, and two at the bottom. The text 'Bem-Vindo!' is written in a cursive font and is underlined.

Bem-Vindo!

Projecto
Cambeú

Cambeú project was extended to the north of Angola!

- 🌿 Musserra is a coastal community located in the municipality of N'zeto, in the province of Zaire, north of Angola. The town has an estimated population of over 5,000 inhabitants, distributed in eight villages.

A Second Home

🌍 The owner of a private property located in Bahia da Musserra offered his facilities to function as a second base of operations for Project Cambeú.



First Steps

- 🌿 Cambeu project was introduced to the competent authorities of the Municipality.
- 🌿 Field visits to the beaches and talking to authorities and inhabitants of the region were done in order to collect data
- 🌿 Musserra Bay Workers were given a Training about Turtle Protection, Egg Collection, incubation and releasing of turtles

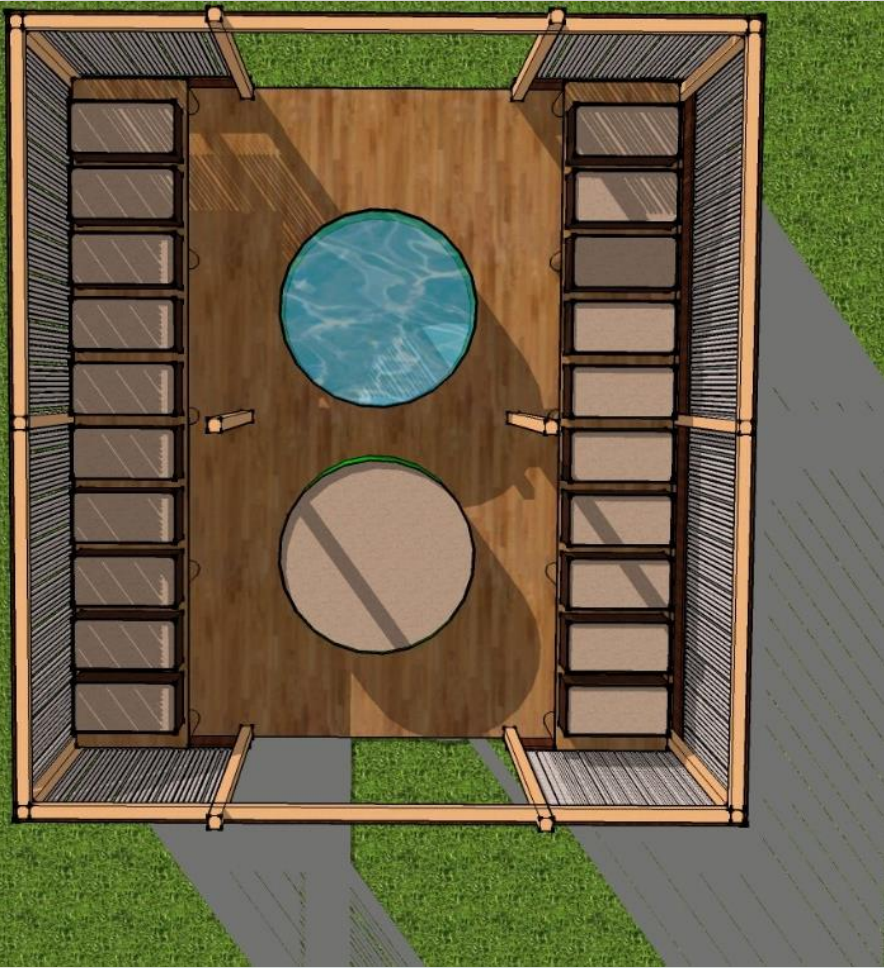


Turtle Nursery!

🌿 In the property of our new partner, an incubation center will be built, where the eggs will be kept in ideal conditions for their development and subsequent release of baby turtles in the sea.



Turtle Nursery!



🌱 Having good results with our turtle nursery, we can begin to better explore tourism in the region by empowering residents in different areas of eco-tourism where they can show visitors the best of this beautiful region through sustainable development.

Cambeú Project in the Media

VIAGENS

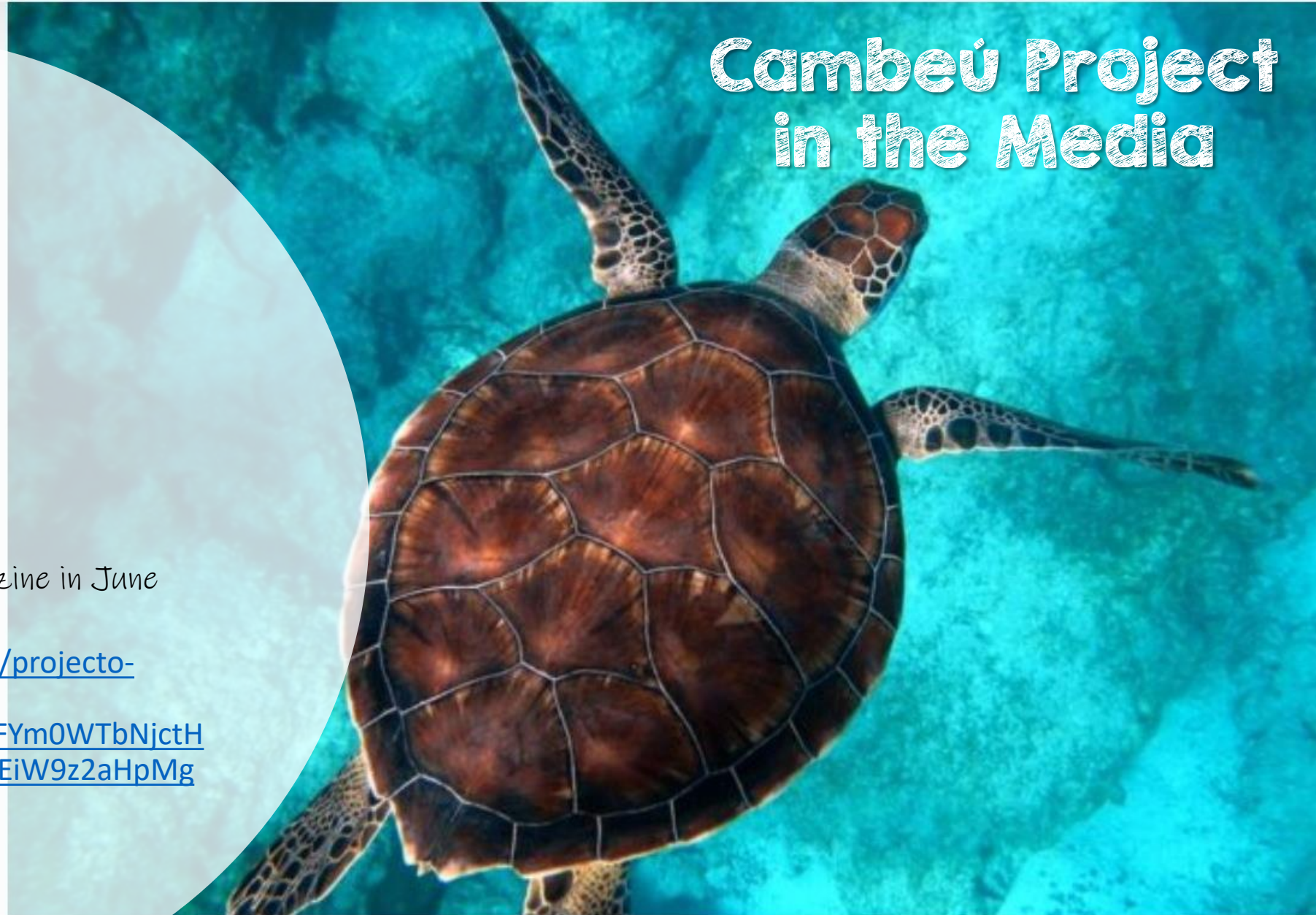
AMBEÚ, AMOR AMBIENTAL

NAHLA SANDÃO · JUNHO 10, 2019 ·

76 PARTILHAS ·

Article published by Baiga Magazine in June 2019:

https://www.baiga-magazine.com/projecto-cambeu-amor-ambiental/?fbclid=IwAR1yy1HXrxFYm0WTbNjctHkFZQbY_wTGqD_Zn7WXYgYYq869EiW9z2aHpMg



Environmental Law

Convention on the Conservation of Wild Fauna Migratory Species or Bonn Convention (CMS)

This Convention entered into force in 1983, having been approved in the Angola by Resolution No. 14/03 of 15 April of the National Assembly and published in the Diário da República No. 29, I Series.

The Convention aims to protect migratory species and their habitats, as well as international cooperation related to endangered species.

Angola has neither signed nor ratified the Convention but has signed a Memorandum of Understanding on Africa's Atlantic Coast Sea Turtles.



REPÚBLICA DE ANGOLA
MINISTERIO DOS TRANSPORTES
INSTITUTO MARÍTIMO E PORTUÁRIO DE ANGOLA - IMPA
CAPITANIA DO PORTO DO LOBITO
SECÇÃO DE SEGURANÇA MARÍTIMA E FISCALIZAÇÃO

PROIBIDO MATAR TARTATUGAS

Trata-se de uma espécie marinha em extinção!

Quem capturar, abater ou comercializar a tartaruga ou seus ovos será responsabilizado criminalmente com pena de prisão.



All help is welcomed!

Cambeú project currently has no funding, it works only with the investment and work of its founders and the help of volunteers for guarding the beaches, building the incubation boxes and the ones in the theatre group. We could do much more if we had collaboration.

Be our partner and help this initiative to grow even more!





Thanks!