



#edd22

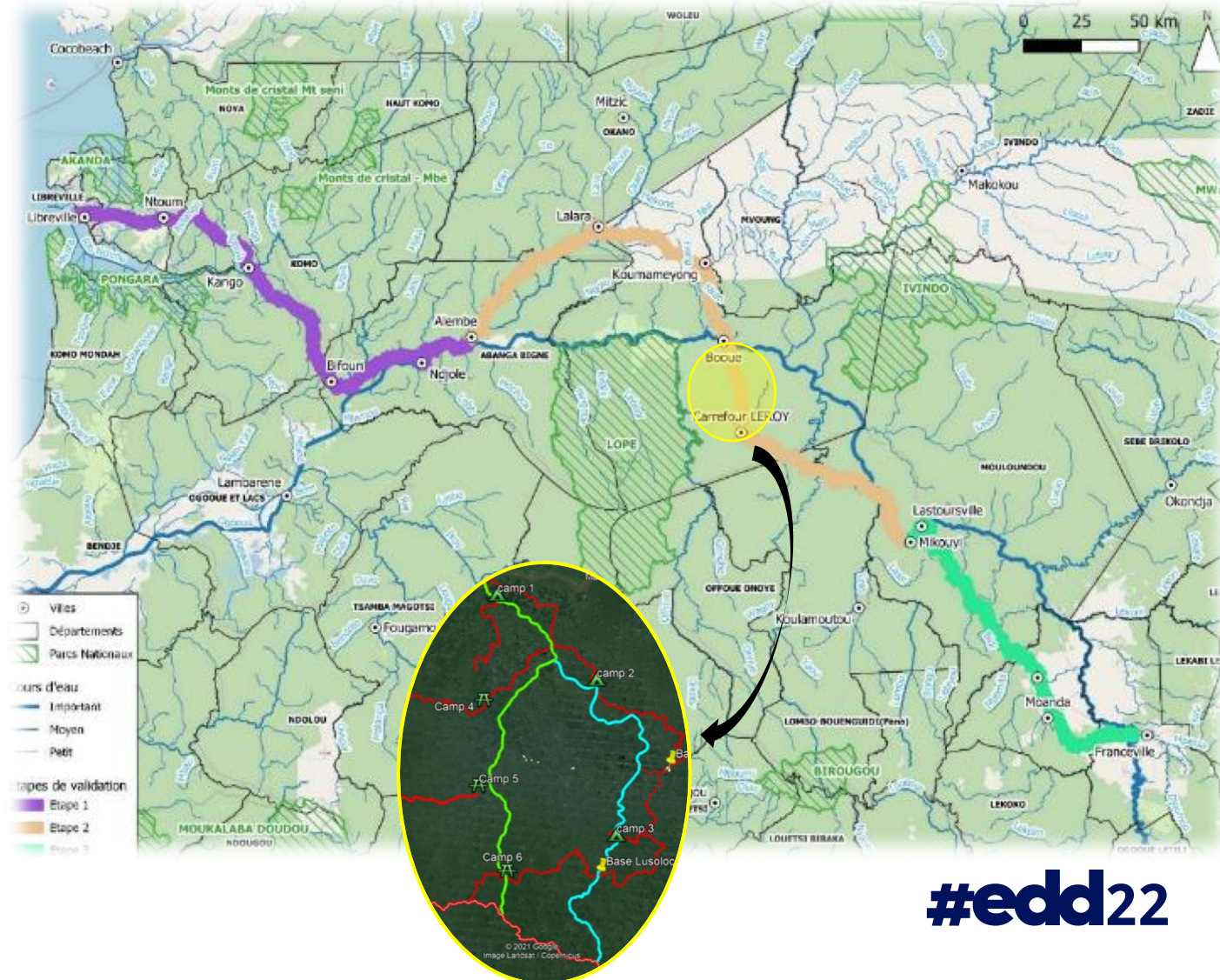
edd European
Development
Days
21-22 June 22 

How can use of data help reduce risk of roads to achieving biodiversity and climate targets?

Example of road development in Gabon

Transgabonese highway

- In 2021, Biotope has been involved in the **biodiversity inventories** for a sub-section of the EIA, to compare two **alternative routes**
- Section of mature forest that is currently unmanaged, but under a sustainable forest management concession (CFAD)
- The Forêt des Abeilles (“Bee forest”):
 - Very rich in biodiversity
 - **Low level of knowledge**



Data collection

- Mammals, fishes, birds, flora
- 2 seasons
- Results:
 - Several « critical » species (critically endangered, endangered, endemic species...)
 - Distribution of species
 - Identification of ecological corridors

Lowland gorilla



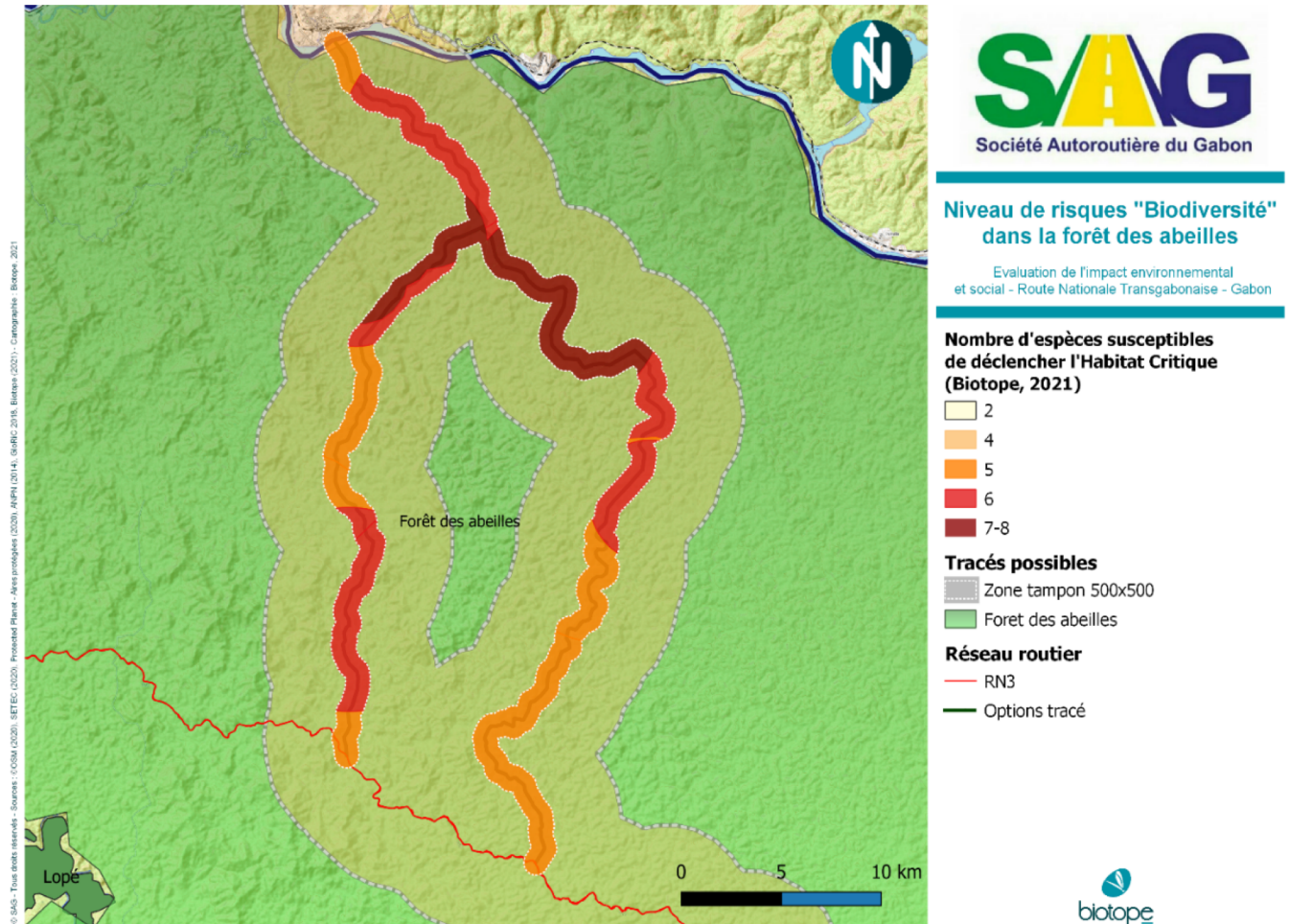
Forest elephant



Chimpanzee



Sun-tailed Monkey



How did data contribute to decision-making?

- Recommendations:
 - **Avoiding impacts first !** Avoid clearing forest !!
 - Recommendations to **use a maximum of existing forestry roads** to reduce deforestation, ecosystem fragmentation and impacts on watercourses
 - New route proposition : yellow road on the eastern side

Proposition well received by the client and by the Gabonese government.

