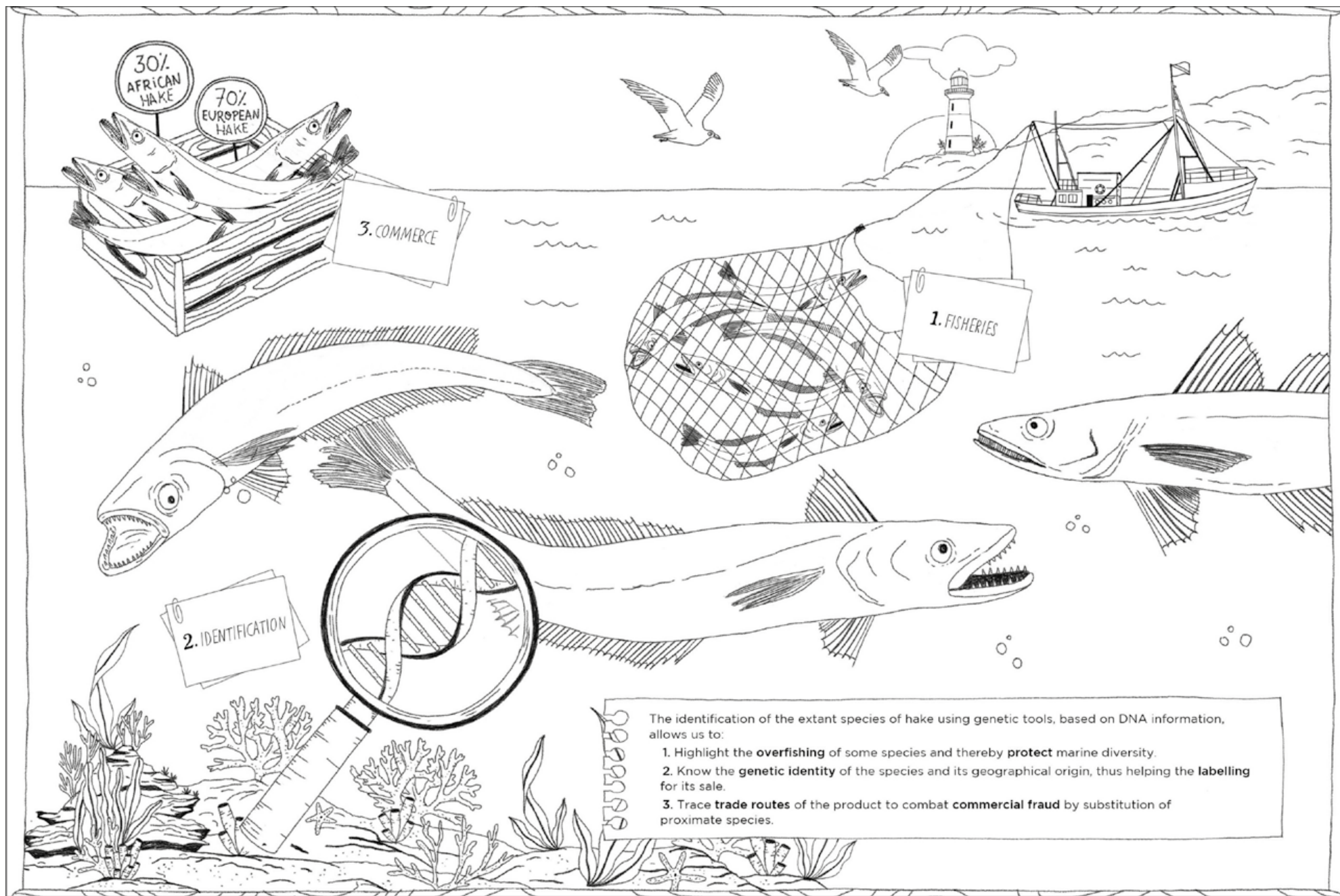


What does genetics contribute to hake's traceability?



The identification of the extant species of hake using genetic tools, based on DNA information, allows us to:

1. Highlight the **overfishing** of some species and thereby **protect** marine diversity.
2. Know the **genetic identity** of the species and its geographical origin, thus helping the **labelling** for its sale.
3. Trace **trade routes** of the product to combat **commercial fraud** by substitution of proximate species.



María Fernández Míguez

Degree in Biology at USC, where she began her research in the taxonomy of marine gastropods. Her master degree in Aquaculture provided her the opportunity to collaborate with Universidade de Vigo on the study of the phylogeny of the *Merluccius* genus for their commercial traceability. She is currently part of ReXenMar Group (CIM-Uvigo), where she works on the final stage of her doctoral research on the application of molecular tools in Aquaculture and the improvement of fishing. She complements this work with teaching at the University of Vigo and scientific outreach.

Rena Ortega

She is an Illustrator, a worldwide explorer and an activist of passion, colour, beauty and the natural world. Her illustrations intend to raise awareness about the beauty of this world and promote nature conservation by inspiring the lives of the people through projects related to the publishing world, travels and scientific outreach focused on flora and fauna.