

ETN Newsletter



ISSUE 01, 2025-04-01

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ETN IN BRIEF



The **European Tracking Network (ETN)** is a collaborative network of researchers, infrastructure, data, and knowledge with a mission to track aquatic animals across Europe to better understand, protect and manage them.

Beyond borders

Beneath the waves, aquatic species don't recognize borders, and our understanding of their needs and the threats they face is limited if we can't assess the extent of their movements and the habitats they depend on. As such, **collaborative large-scale tracking** is necessary. This is where ETN comes in: we offer a sustainable, efficient, and integrated network that is embedded within the global tracking community. We develop ways and opportunities for the telemetry community to **come together**, collaborate, develop ideas, and guide future aquatic tracking.

State-of-the-art

We host and maintain a **centralised state-of-the-art database** for telemetry data, that is continuously being improved and developed to provide the tools necessary for the community, including for data visualisation and analysis. ETN also plays a significant role in ensuring and improving **interoperability** across equipment types - a necessary task for effective cross-border collaboration - like via the development of the **Open Protocol**.

Making waves

ETN is making waves globally with its achievements since its inception in 2017. We continue to communicate and disseminate our research projects and findings, and their implications, with particular emphasis on implementing telemetry as a **tool within management** frameworks.

Find out who's behind ETN [here](#).

02

OPEN PROTOCOL PERFORMANCE

- Full compatibility across manufacturers who offer OP
- Negligible differences in detection range between OP and encrypted protocols
- Robust against spurious detections
- Equal performance between OP and R64K protocols

[Read the full article here](#)

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ETNews

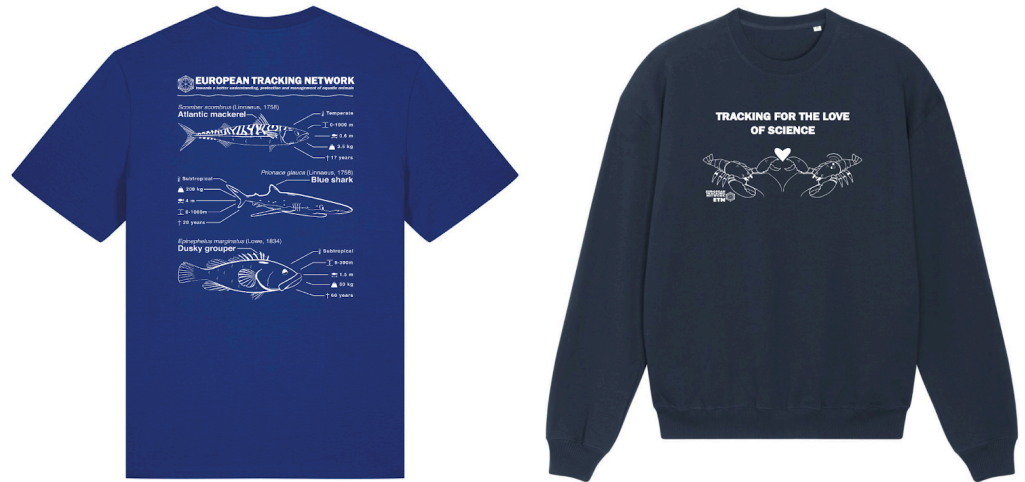
Order your ETN apparel today & support Early Career Researchers!

ETN launches travel grants

Through its sale of merchandise, ETN is now able to provide support for travel to Early Career Researchers within the European tracking community. This year, ETN will provide 3 travel grants of 500€ to ECRs wanting to attend the International Conference on Fish Telemetry 2025 (Traverse City, Michigan, USA).

Next ETN Merch round!

To fund the ECR travel grants, ETN is selling fair-trade, organic apparel. Have a look [here](#) if you're going to ICFT (free pick-up!) or [here](#) (for Europe-wide shipping). Pre-sale until **April 15**.



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PROTOCOL COMBINATION MATTERS

Friendly reminder for receiver work folks

- If you are adding a deployment to the ETN database, don't forget to **toggle the protocol** combination that the deployed receiver listens to!

ETN - European tracking network

Data platform, featuring 895731853 detections

Acoustic Telemetry - Receivers Tags Deployments Animals Detections Data - Files

RECEIVER_ID VR2AR-123456

PROTOCOL GEN2 GEN2 + OP MAP114 MAP113 MAP115

fill it in!

05

COOL RESEARCH IS HAPPENING

Sharks are being tagged with magnetometers

- Starry smooth-hound (*Mustelus asterias*) are being tagged with Thelma-Biotel's new magnetometer tags in Belgium.
- The goal: to assess the sharks' behavioural response to power cables from offshore wind farms.



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BIG PROJECT, BIG DATA

The [STRAITS](#) project is a Horizon Europe funded infrastructure project instrumenting four major swimways across Europe with acoustic receivers and passive acoustic monitoring stations.



4 major swimways



453.565 detections from **220** receivers



339 unique individuals from **10** species

Check out other **cool projects** happening in Europe in our [dataset catalogue](#).

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KEEP AN EYE OUT - UPCOMING EVENTS

International Conference on Fish Telemetry

- The 7th ICFT is happening 8 - 13 June 2025 in Traverse City, Michigan, USA. Find out more [here](#).

European Marine Biology Symposium

- The 58th EMBS is happening 6-9 July 2025 in Bodø, Norway. Find out more [here](#).

LifeWatch ERIC Biodiversity & Ecosystem eScience Conference

- The BEes is happening 30 June-3 July 2025 in Heraklion, Greece. Find out more [here](#).

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KEEP IN TOUCH

Stay updated; follow us everywhere!

