

# e-Track

## From movement tracks to behavioural patterns

- EGNOS-enabled smart GPS tags
- Powerful data visualisation and analysis
- Behaviour recognition
- Easy to use software
- Integrated end-to-end system

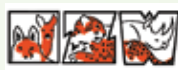


E-Track develops an animal tracking and behaviour analysis system using EGNOS for high accuracy positioning of animals. Making use of the latest technology, wild & domestic animals can be tracked with much higher accuracy, obtaining new insights on their whereabouts, habitat use and behaviour. E-Track will integrate all components into a modular end-to-end system.

The project will test and demonstrate the system in field studies with mammals and larger birds. The e-Track system will simplify and enhance ecological fieldwork as well as wildlife management related to animal behaviour information.

E-Track is determined to take advantage of the European Geostationary Navigation Overlay Service (EGNOS) to develop enhanced tags for more temporal and spatial resolution. Tracking wildlife poses challenging conditions on the hardware in terms of weight, battery life and spatial and temporal resolution. Besides EGNOS enabled tags, the system consists of efficient data communication system and an innovative software application for adequate visualisation and analysis.

Noldus  
Information Technology



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