



LIFE EUROKITE CRIME REPORT

ILLEGAL PERSECUTION OF TAGGED RED KITES AND OTHER RAPTOR SPECIES IN EUROPE

PART 21 - COUNTRY SPECIFIC RESULTS - OTHER COUNTRIES OUTSIDE EUROPE

First interim report on the results of the LIFE EUROKITE (LIFE18 NAT/AT/000048) project 2020-2024 with additional results from 2013 onwards

“Cross-border protection of the red kite in Europe by reducing human-caused mortality”



This company project report was compiled by TB Raab GmbH within the LIFE EUROKITE project (LIFE18 NAT/AT/000048) and was checked by the owner of the loggers and the representatives of the (cooperation) partners responsible for finding the dead birds.

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Cover photo: Poisoned red kite © LIFE EUROKITE Archive (Ján Svetlík)



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Project: LIFE18 NAT/AT/000048 – LIFE EUROKITE



Structure of the Crime Report

Due to the size of the report, it is divided in the following parts. Please see the other report parts for further information.

Part 1 - Introduction, Methods, Overall Results, Discussion, Conclusion & Recommendation

Part 2 - Country specific results - Austria

Part 3 - Country specific results - Belgium

Part 4 - Country specific results - Croatia

Part 5 - Country specific results - Czech Republic

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1 Overall summary

The LIFE EUROKITE project (LIFE18 NAT/AT/000048) is a cross-border protection project for the red kite and other raptor species in Europe. Within the LIFE EUROKITE project the core idea is to use telemetry technology to identify the spatial habitat use of the target raptor species, quantify the key reasons of mortality of bird of prey species in the EU and reduce human-caused mortality, particularly illegal activities such as poisoning.

Between 2013 and 2024, 3,554 individuals of 7 raptor species (3,161 red kites, 97 black kites, 43 booted eagles, 52 honey buzzards, 79 imperial eagles, 22 ospreys and 100 white-tailed eagles) were tagged with solar-powered GPS satellite tags in 19 countries across Europe with the help of many project partners and cooperation partners. From this a total of 1,795 individuals (1,680 red kites, 37 black kites, 18 honey buzzards, 29 imperial eagles and 31 white-tailed eagles) were tagged within the LIFE EUROKITE project.

From the 3,554 tagged birds a total of 1,623 died so far. Of these, a total of 1,594 individuals (1,480 red kites, 13 black kites, 14 booted eagles, 17 honey buzzards, 32 imperial eagles, 8 ospreys, 30 white-tailed eagles) died in the respective country where we also detected bird persecution within our sample. The first results of the LIFE EUROKITE project show, that 320 (20.08 %) of the tagged birds (293; 19.80 % red kites, 3; 23.08 % black kites, 1; 7.14 % booted eagles, 2; 11.76 % honey buzzards, 12; 37.50 % imperial eagles, 1; 12.50 % ospreys, 8; 26.67 % white-tailed eagles) were victims of illegal activities in 24 countries (10/01/2025). Poisoning (n= 238; 74.38 % of illegal activities) was by far the most common illegal act that caused the death of these tagged birds. The most used poison was Carbofuran which is banned in the EU since 2008. The second most common illegal act that caused the death of these tagged birds was shooting (66 individuals; 20.63 % of illegal activities). Of the 320 birds that were tagged and illegally killed, only 8 cases resulted in a conviction for bird persecution.

When extrapolating the data on illegal bird persecution over the past five years (2020–2024), it is estimated that approximately 46.180 red kites have died as a result of persecution. This estimate is derived by scaling up known persecution rates of tagged birds to the entire European red kite population, based on published population size estimates, average annual mortality rates, and the proportion of mortality attributed to illegal killing. It therefore reflects a population-level extrapolation, not a direct count of detected cases.

Due to varying numbers of tagged individuals and differing red kite population densities across countries, the results may vary considerably. Consequently, these findings do not allow for conclusions regarding the statistical frequency of illegal activities relative to red kite density in any given country.

Bird persecution in Europe persists all over Europe. Effective conservation requires stronger law enforcement, public education, international cooperation, and better tools like GPS tracking to detect and prosecute offenders. Political commitment across countries is crucial, along with harmonized laws, stricter penalties, and national action plans with clear goals. Raising awareness through initiatives like the “European Day Against Criminal Poisoning of Wildlife” and systematic data collection can help inform both the public and policymakers. Finally, stronger cross-border collaboration and support for monitoring and reporting systems are essential to address bird persecution at a European level.

2 Introduction

The LIFE EUROKITE project (LIFE18 NAT/AT/000048) is a cross-border protection project for the red kite and other raptor species in Europe. Within the LIFE EUROKITE project the core idea is to use telemetry technology to identify the spatial habitat use of the target raptor species, quantify the key reasons of mortality of bird of prey species in the EU and reduce human-caused mortality, particularly from illegal activities such as poisoning.

Specifically, the red kite (*Milvus milvus*) can act as an indicator of anthropogenic mortality across broad extents (Donázar et al. 2016; Natsukawa and Sergio, 2022) due to its high individual variability in migration strategies (García-Macía et al. 2022) and its condition of good sentinel species for main threats to raptors (Mattson et al. 2022). As migratory behaviour is associated with different exposure and risk levels, understanding the causes of cross-border mortality in red kites can provide important warning signs regarding wider impacts of human activities on wildlife populations in Europe (Donázar et al. 2016; Natsukawa and Sergio, 2022).

In response to ongoing illegal threats to migratory birds, international conservation bodies have taken major steps toward unified action. Under the leadership of the Convention on Migratory Species (CMS) and the Bern Convention, and with the involvement of numerous states, observers, and expert groups, a comprehensive framework was adopted: the *Rome Strategic Plan 2020–2030*. This plan outlines a joint commitment to halving illegal bird killings in Europe and the Mediterranean by 2030, using 2020 as a baseline (Council of Europe, 2019). By generating large-scale, cross-border evidence on mortality causes, the LIFE EUROKITE Crime Report plays a key role in tracking progress toward this ambitious objective.

The Article 12 of the Habitats Directive clearly defines that member states shall take requisite measures to establish a system of strict protection for the animal species listed in Annex IV(a) in their natural range, prohibiting, among others, all forms of deliberate capture or killing and shall establish a system to monitor the incidental capture and killing of specimens of these species in the wild (European Commission, 2021; Panter et al. under review).

Between 2013 and 2024, 3,554 individuals of 7 raptor species (3,161 red kites, 97 black kites, 43 booted eagles, 52 honey buzzards, 79 imperial eagles, 22 ospreys and 100 white-tailed eagles) were tagged with solar-powered GPS satellite tags in 19 countries across Europe with the help of many project partners and cooperation partners. From this a total of 1,795 individuals (1,680 red kites, 37 black kites, 18 honey buzzards, 29 imperial eagles and 31 white-tailed eagles) were tagged within the LIFE EUROKITE project (Figure 1 to Figure 7).

The first results of the LIFE EUROKITE project show that illegal persecution of tagged birds (shooting, poisoning, trapping) is one of the biggest threats for those species. To date (as of 10 January 2025), 320 tagged birds have been victims of bird crime (Figure 8).

This report will give an overview of tagged birds which died due to illegal activities in non-European countries and will give a detailed inside of the status of investigations and legal procedure.

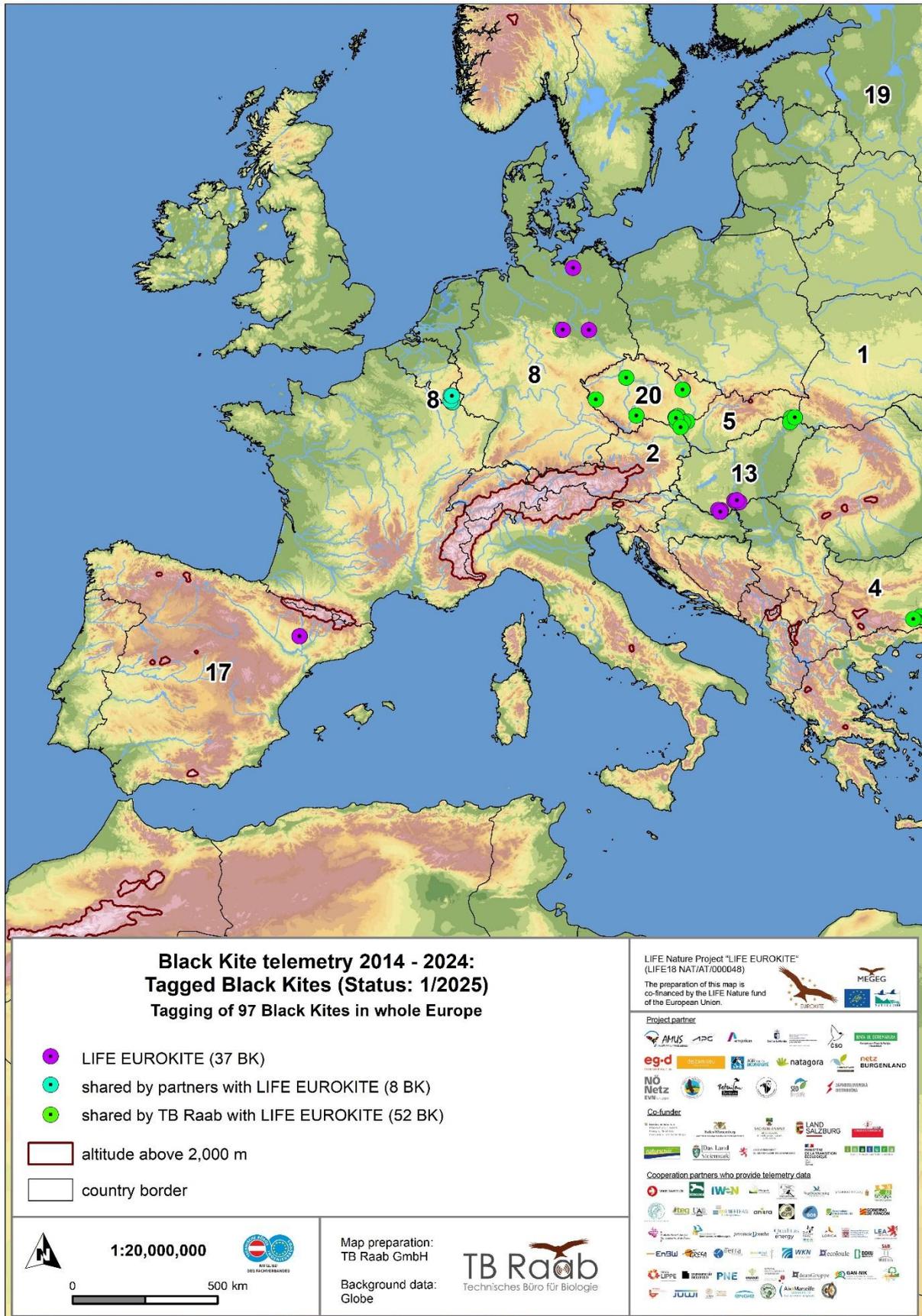


Figure 2: Tagging of 97 black kites by the LIFE EUROKITE project and numerous cooperation and project partners across Europe in the years 2014- 2024.



Figure 3: Tagging of 43 booted eagles by the LIFE EUROKITE project and numerous cooperation and project partners across Europe in the years 2020- 2024.

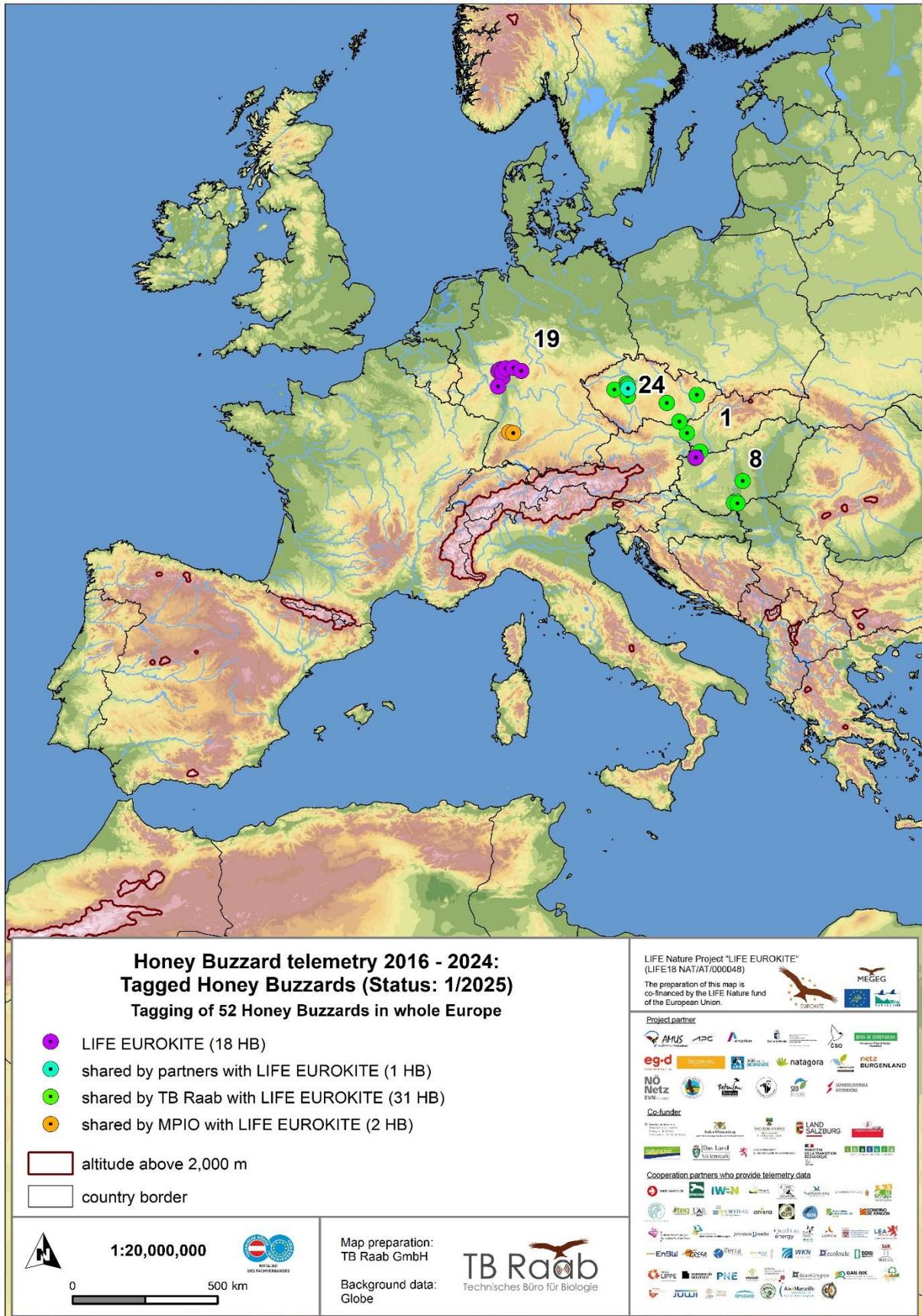


Figure 4: Tagging of 52 honey buzzards by the LIFE EUROKITE project and numerous cooperation and project partners across Europe in the years 2016-2024.

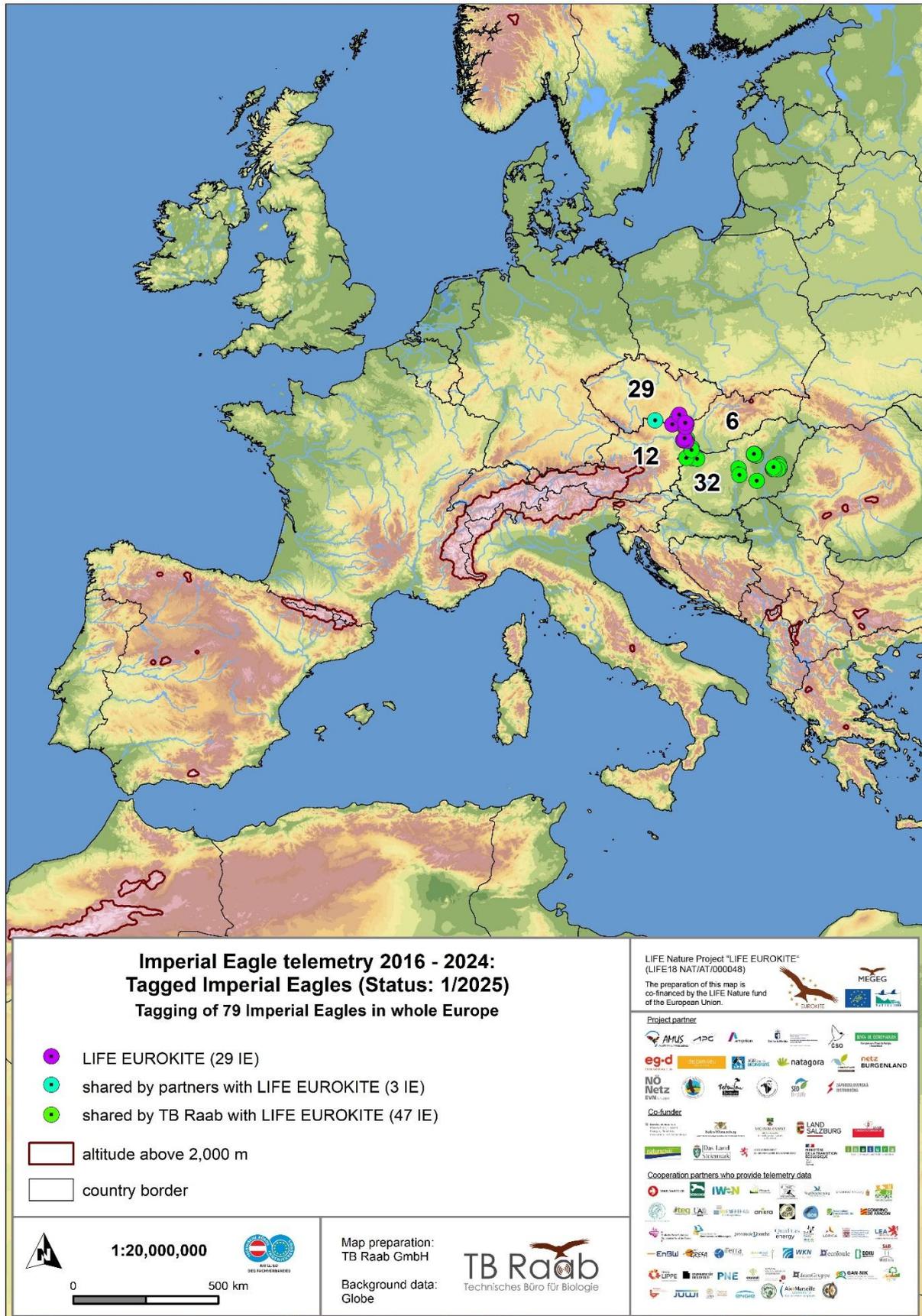


Figure 5: Tagging of 79 imperial eagles by the LIFE EUROKITE project and numerous cooperation and project partners across Europe the years 2016-2024.

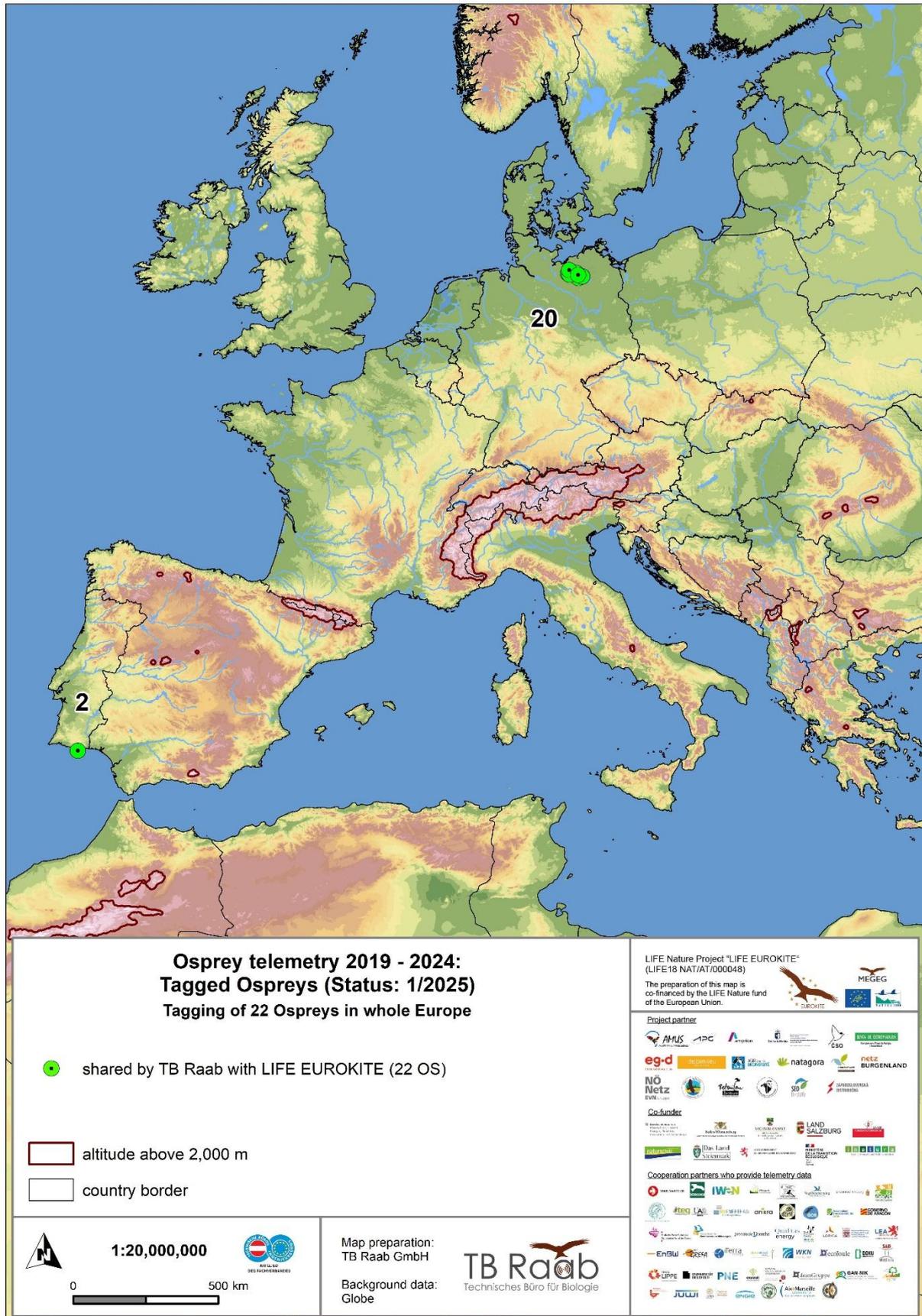


Figure 6: Tagging of 22 ospreys by the LIFE EUROKITE project and numerous cooperation and project partners across Europe the years 2019-2024.

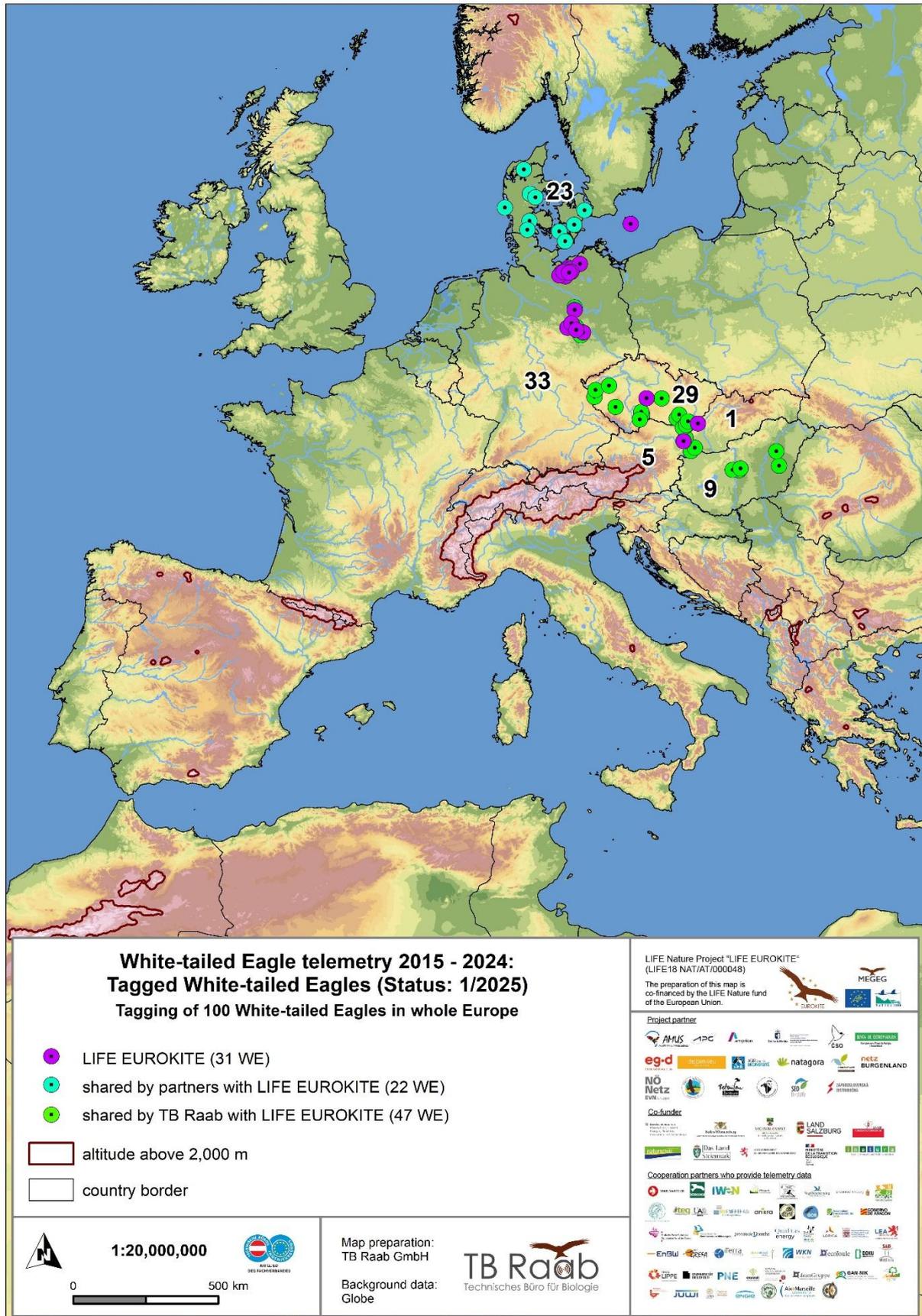


Figure 7: Tagging of 100 white-tailed eagles by the LIFE EUROKITE project and numerous cooperation and project partners across Europe the years 2015-2024.

3 Non-European results

The subsequent section provides a detailed overview of the cases with illegal mortality reasons in countries outside Europe (Algeria, Ghana, Guinea-Bissau, Nigeria and Tunisia). A total of 5 birds have been confirmed as victims of illegal activities outside Europe. Of these 4 were shot and one died because of trapping.

3.1 Tagged individual that have been shot in Algeria

The birds are listed in chronological order by date of bird crime, commencing with the first recorded case.

BK_0001

General information about the bird

Name: Kite_03

Species: Black kite

Birth date: 06.06.2014

Place of tagging: Kapušianske Kľačany, Jihovýchod, Czech Republic

Date of tagging: 18.07.2014

Age at tagging: 1. CY

Origin of bird: Juvenile from the nest

Ownership category: E_TBRAAB_2

Logger number: KITE03

Ring number: CT1589

Sex: No information

Bird crime information

Place of bird crime: Reggane, Aoulef, Algeria

Coordinates: 26,792783, 1,1340490

Date of bird crime: 22.09.2014, 09:00:31 AM (UTC)

Age at bird crime (Days): 108

Age at bird crime: 1. CY

Responsible organization for the investigation: VFÚ

Logger and/or bird found: Logger and bird not found (only feathers)

Carcass state: Very bad

Bird crime: Shooting

Certainty category: Possible

Additional information: Expert assessment (VFÚ)

Investigation information

Last editing: 08.01.2025

Investigation: No information received

Police and/or authority investigation: No information received

Legal proceeding: No information received

Conviction: No information received

If investigation stopped or no conviction was achieved, why?

No information received

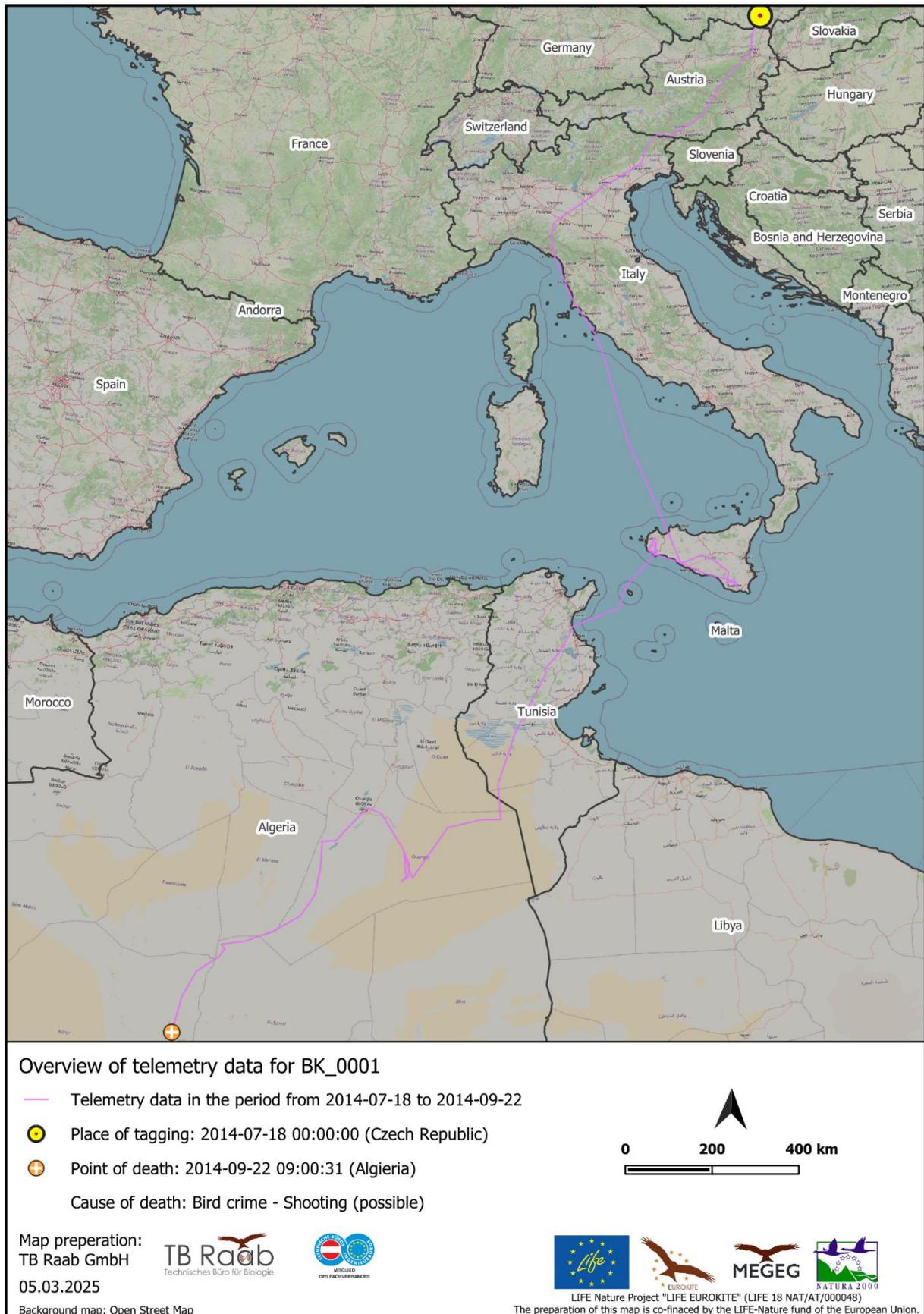


Figure 9: Overview of the telemetry data for BK_0001.

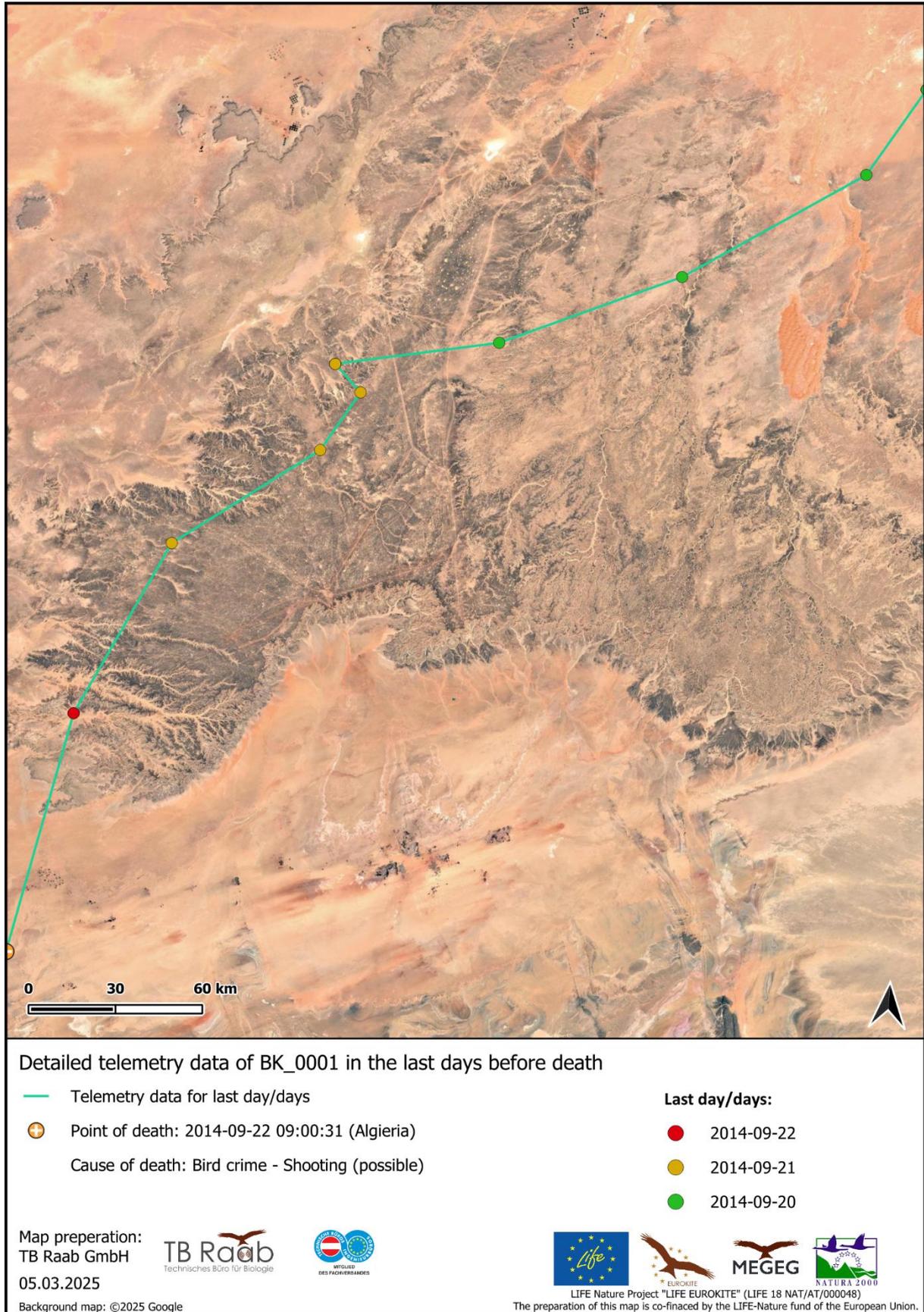


Figure 10: Detailed telemetry data of BK_0001 in the last days before death.

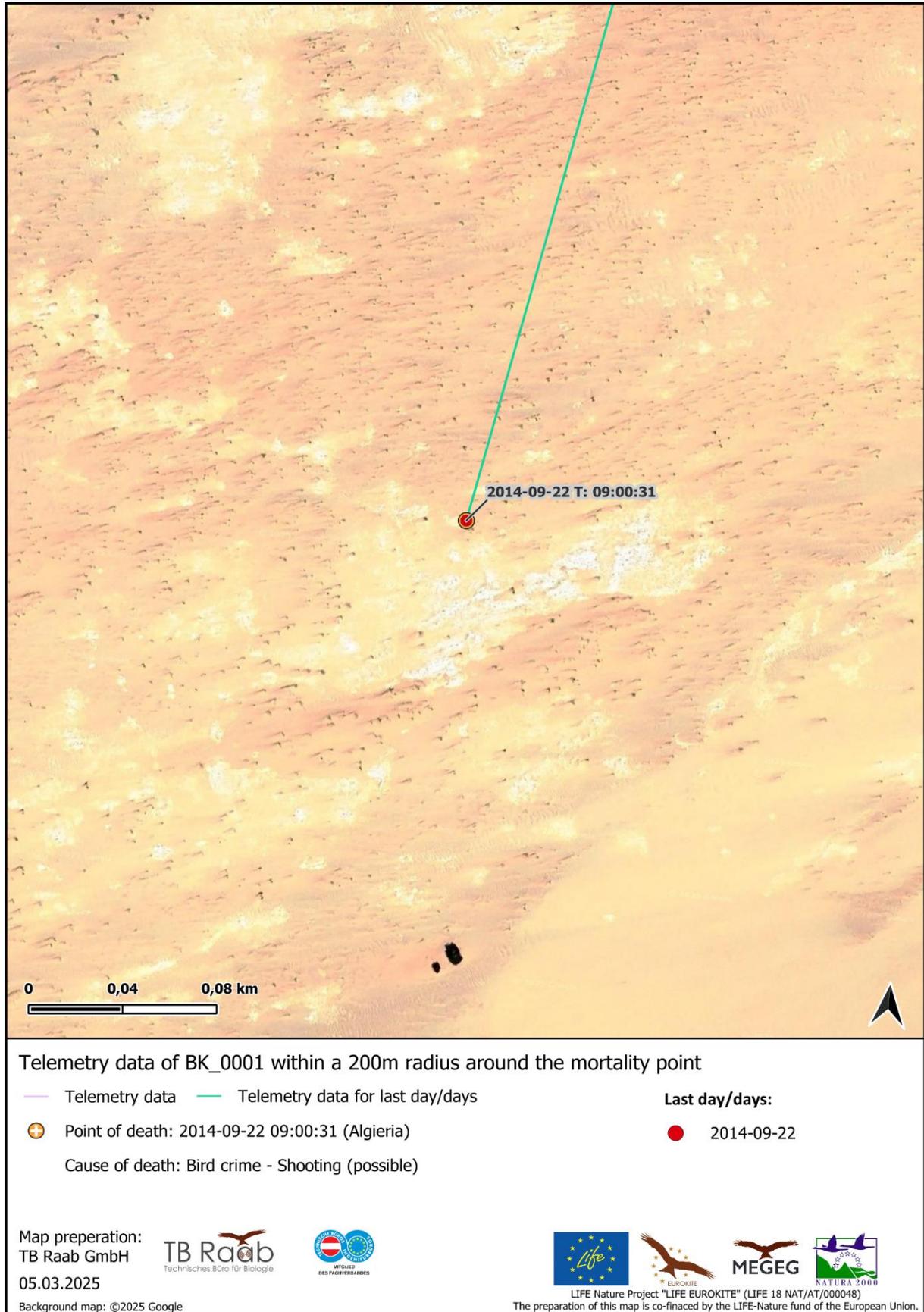


Figure 11: Telemetry data of BK_0001 within a 200m radius around the mortality point.

3.2 Tagged individuals that have been shot in Ghana

The birds are listed in chronological order by date of bird crime, commencing with the first recorded case.

HB_0008

General information about the bird

Name: Leun_03

Species: Honey buzzard

Birth date: 02.07.2022

Place of tagging: Leun, Lahn-Dill-Kreis, Hesse, Germany

Date of tagging: 26.07.2022

Age at tagging: 1. CY

Origin of bird: Juvenile from the nest

Ownership category: B_MEGEG (LEA)

Logger number: Ornitela 201 - 224436

Ring number: 3424682

Sex: No information

Bird crime information

Place of bird crime: Twala, Bono east Region, Ghana

Coordinates: 7.988667, -2.011611

Date of bird crime: 20.02.2023, 09:28:00 AM (UTC)

Age at bird crime (Days): 233

Age at bird crime: 2. CY

Responsible organization for the investigation: Department of Conservation Biology and Entomology, University of Cape Coast, Ghana

Logger and/or bird found: Logger and Bird found

Carcass state: No information received

Bird crime: Shooting

Certainty category: Certain

Additional information: Expert assessment (Department of Conservation Biology and Entomology, University of Cape Coast, Ghana).

The bird was targeted and hunted in retaliation for preying on chicks of domestic fowls of a farmer. Although there were still 3 individuals of the European honey buzzard, we believe the hunter had little knowledge of the bird. There were rather many yellow-billed kites and possibly another raptor that we failed to identify in the area. We are sure the target were the kites. Carcass was eaten by farmers kids.

Investigation information

Last editing: 08.01.2025

Investigation: No

Police and/or authority investigation: Police and authority not informed

Legal proceeding: No

Conviction: No

If investigation stopped or no conviction was achieved, why? -



Figure 12: Environment where the honey buzzard HB_0008 died near Twala, Ghana on 20.02.2023.
© LIFE EUROKITE (University of Cape Coast)

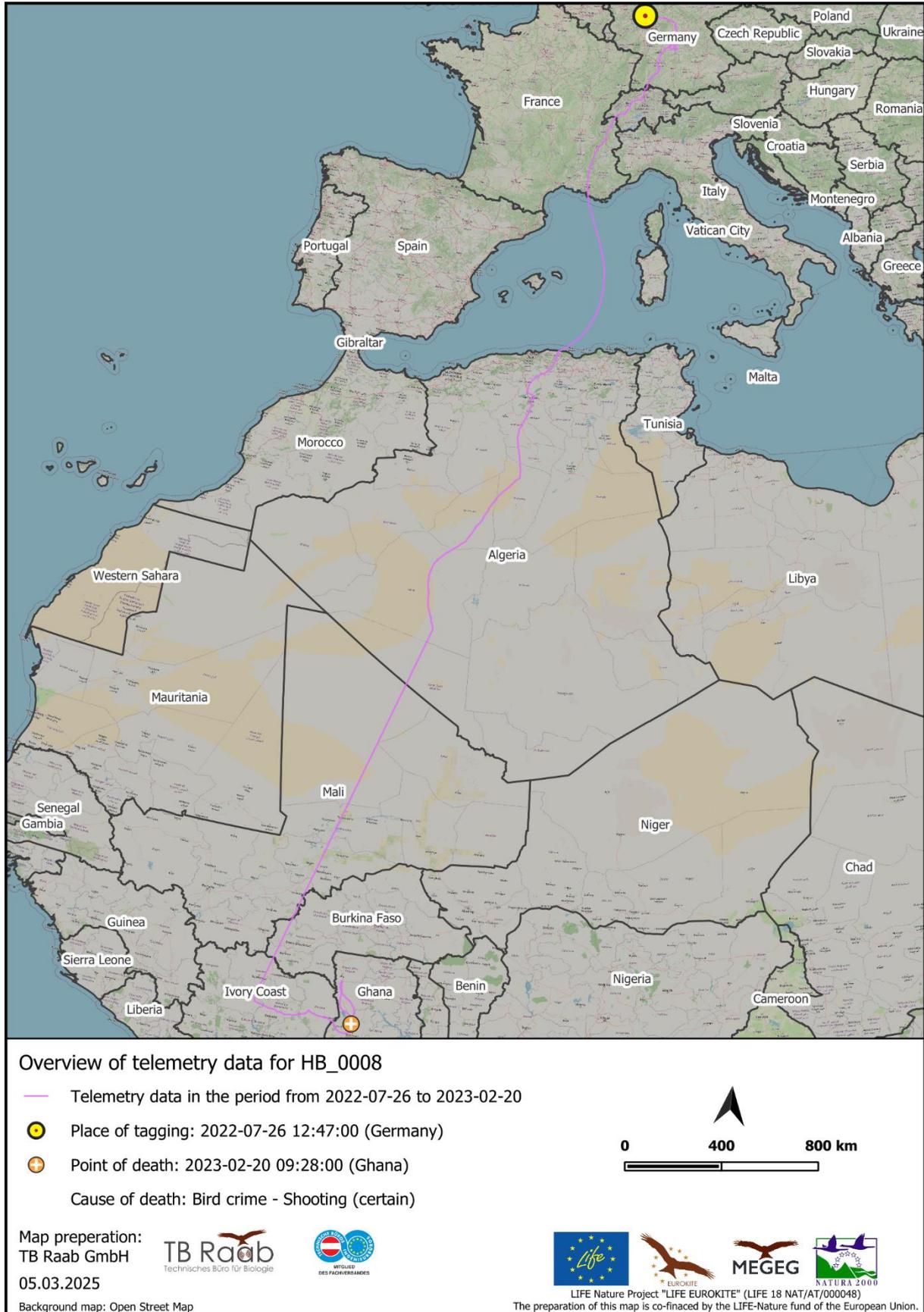


Figure 13: Overview of the telemetry data for HB_0008.

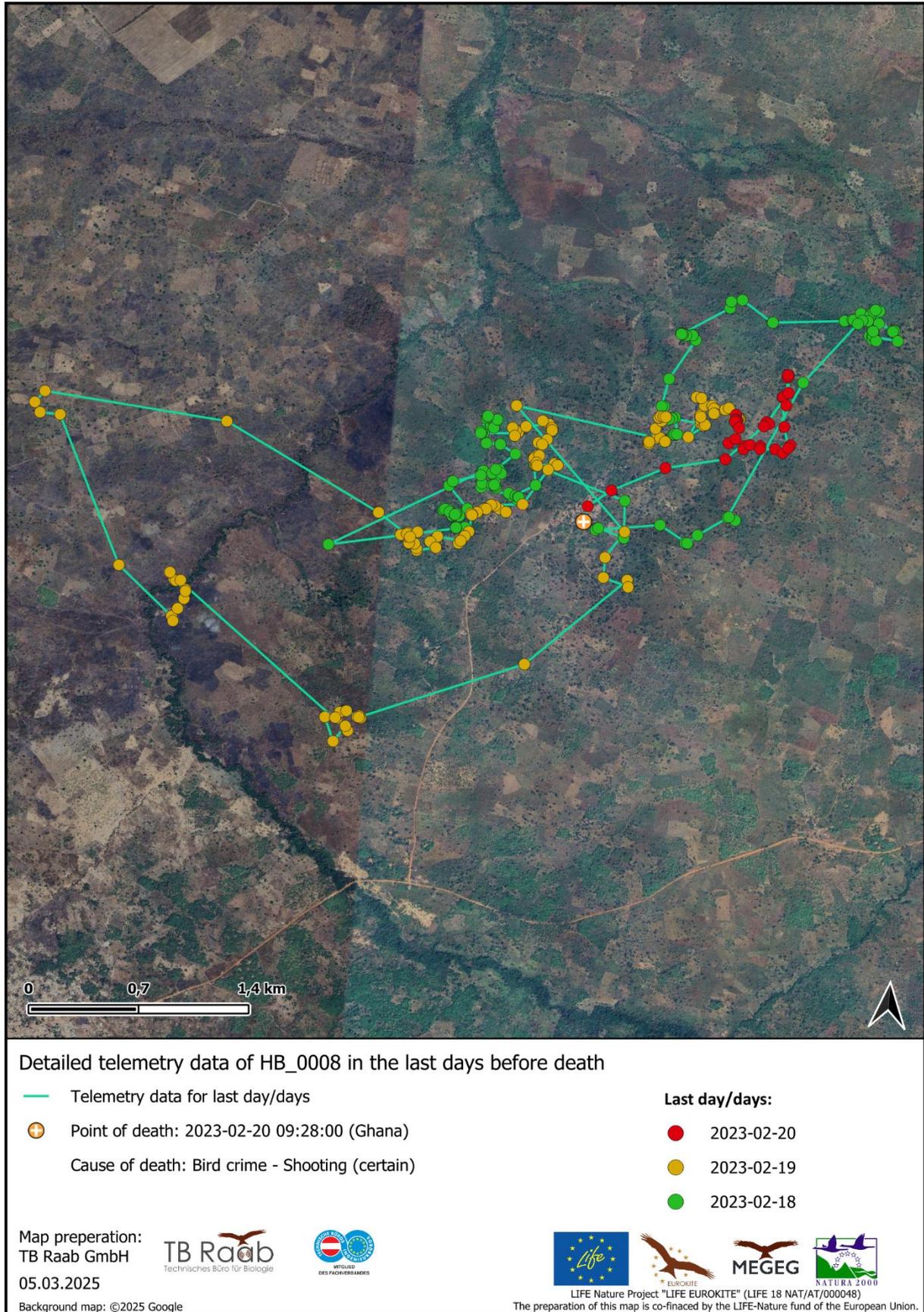


Figure 14: Detailed telemetry data of HB_0008 in the last days before death.

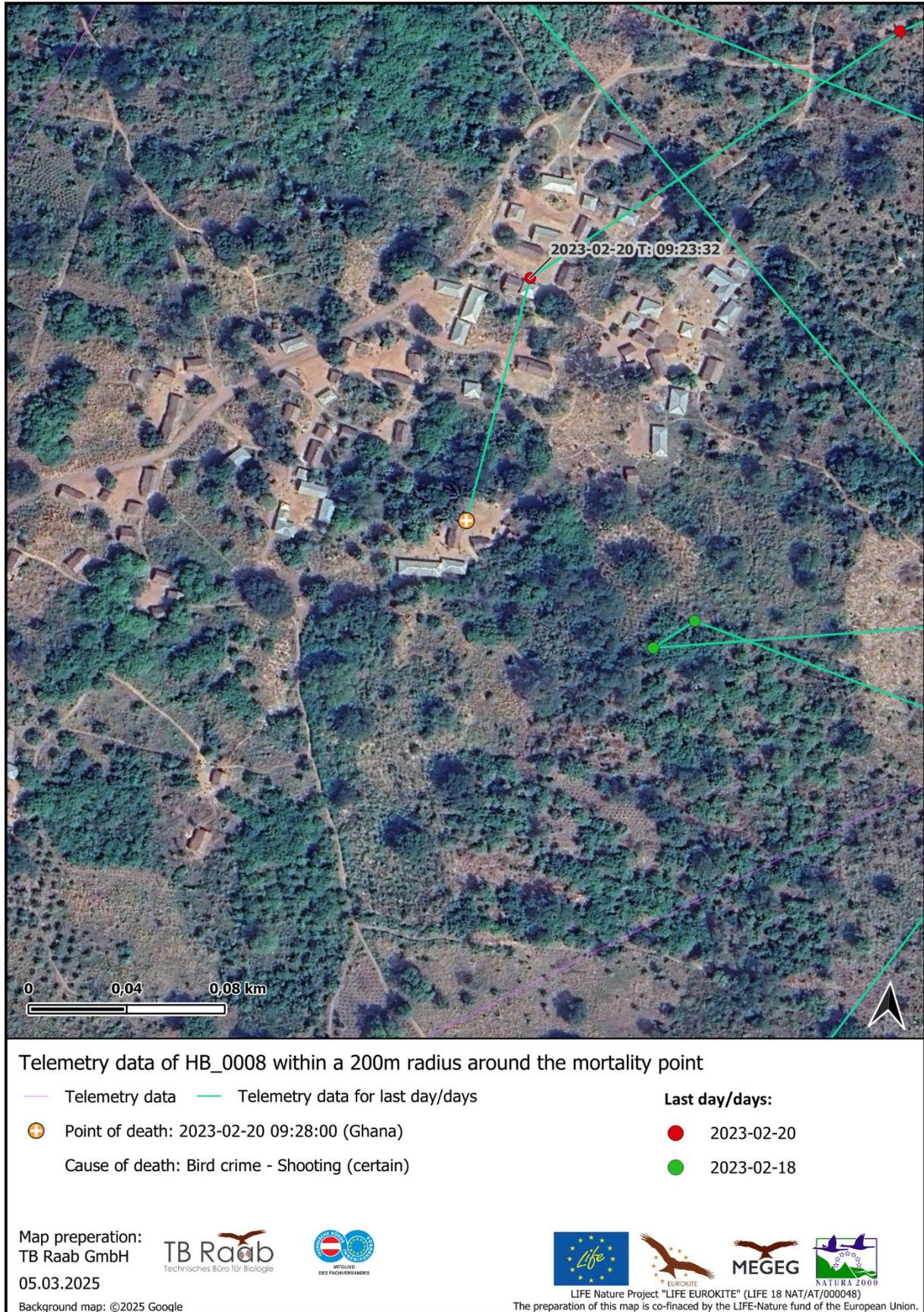


Figure 15: Telemetry data of HB_0008 within a 200m radius around the mortality point.

3.3 Tagged individual that have been shot in Guinea-Bissau

The birds are listed in chronological order by date of bird crime, commencing with the first recorded case.

BK_0003

General information about the bird

Name: Kite_12

Species: Black kite

Birth date: 22.05.2016

Place of tagging: Záblati, Jihozápad, Czech Republic

Date of tagging: 22.06.2016

Age at tagging: 1. CY

Origin of bird: Juvenile from the nest

Ownership category: E_TBRAAB_2

Logger number: KITE12

Ring number: C159264

Sex: Male

Bird crime information

Place of bird crime: Quebo, Guertêel, Guinea-Bissau

Coordinates: 11,807366, -14,6368659

Date of bird crime: 03.01.2017, 03:00:18 PM (UTC)

Age at bird crime (Days): 226

Age at bird crime: 2. CY

Responsible organization for the investigation: VFÚ

Logger and/or bird found: No information about logger and bird

Carcass state: -

Bird crime: Shooting

Certainty category: Possible

Additional information: Expert assessment (VFÚ)

Investigation information

Last editing: 08.01.2025

Investigation: No information received

Police and/or authority investigation: No information received

Legal proceeding: No information received

Conviction: No information received

If investigation stopped or no conviction was achieved, why?

No information received

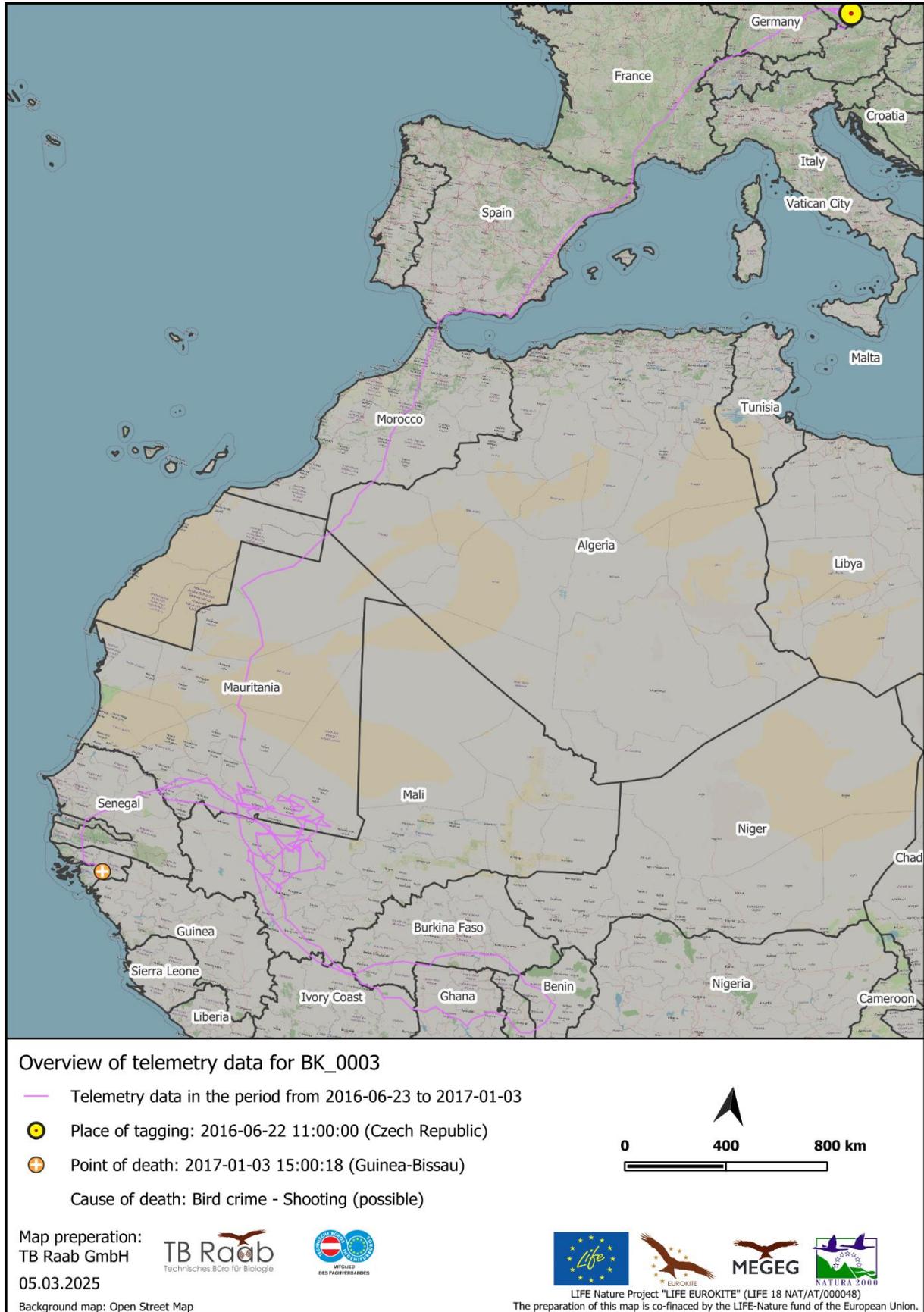


Figure 16: Overview of the telemetry data for BK_0003.



Figure 17: Detailed telemetry data of BK_0003 in the last days before death.



Figure 18: Telemetry data of BK_0003 within a 200m radius around the mortality point.

3.4 Tagged individual that have been trapped in Nigeria

The birds are listed in chronological order by date of bird crime, commencing with the first recorded case.

HB_0036

General information about the bird

Name: Papi_Nalžovice_20337

Species: Honey buzzard

Birth date: 02.07.2022

Place of tagging: Oboz, Nalžovice, Czech Republic

Date of tagging: 25.07.2022

Age at tagging: 1. CY

Origin of bird: Juvenile from the nest

Ownership category: E_TBRAAB_1

Logger number: 20337

Ring number: C166278

Sex: No information

Bird crime information

Place of bird crime: Kenu, Sinogoro, Nigeria

Coordinates: 9,1181249, 3,1839629

Date of bird crime: 26.09.2024, 08:20:46 PM (UTC)

Age at bird crime (Days): 817

Age at bird crime: 3. CY

Responsible organization for the investigation: Private Person

Logger and/or bird found: No information about logger and bird

Carcass state: -

Bird crime: Trapping

Certainty category: Possible

Additional information: Expert assessment (TB Raab)

Investigation information

Last editing: 08.01.2025

Investigation: No information received

Police and/or authority investigation: No information received

Legal proceeding: No information received

Conviction: No information received

If investigation stopped or no conviction was achieved, why?

No information received

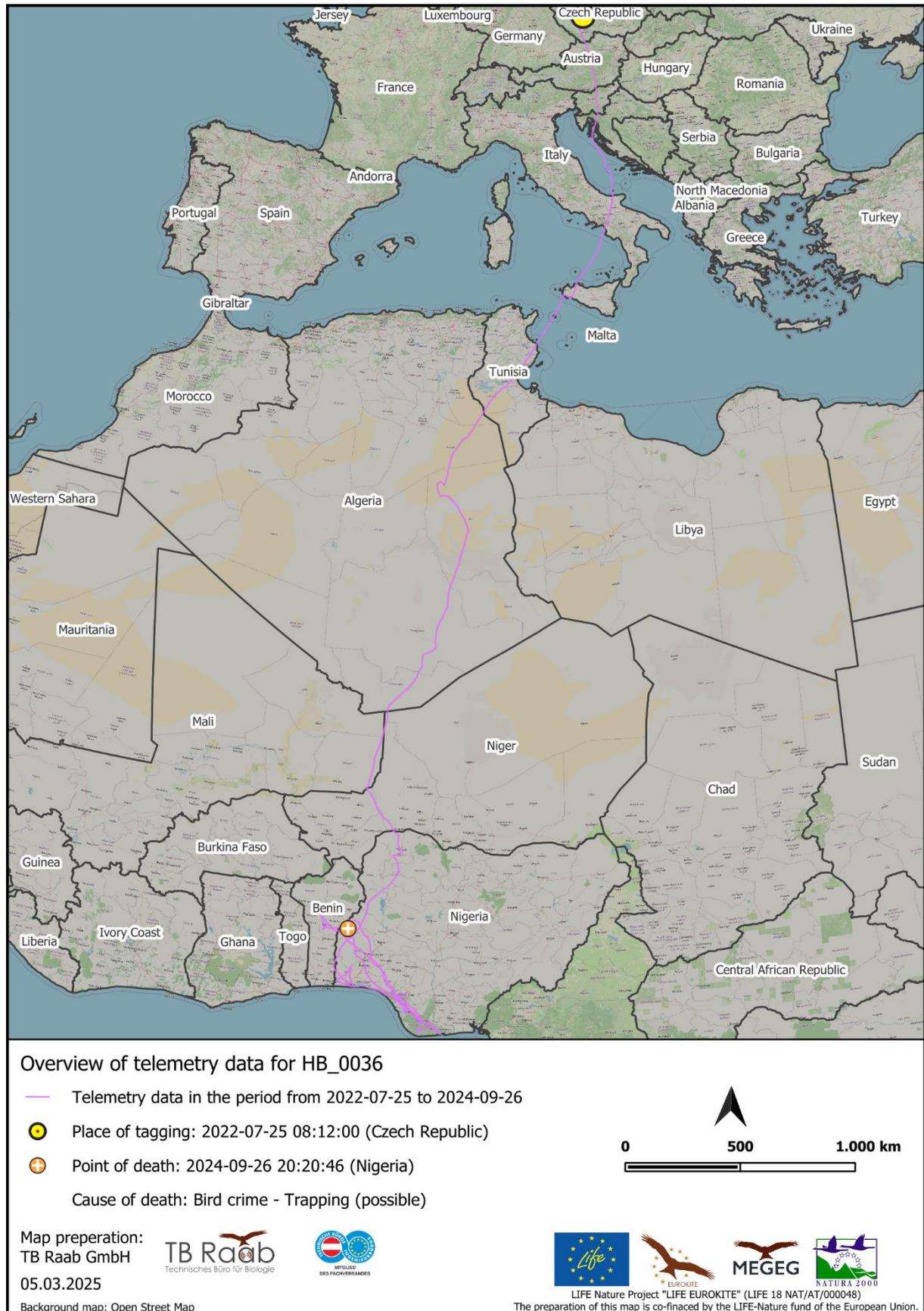


Figure 19: Overview of the telemetry data for HB_0036.

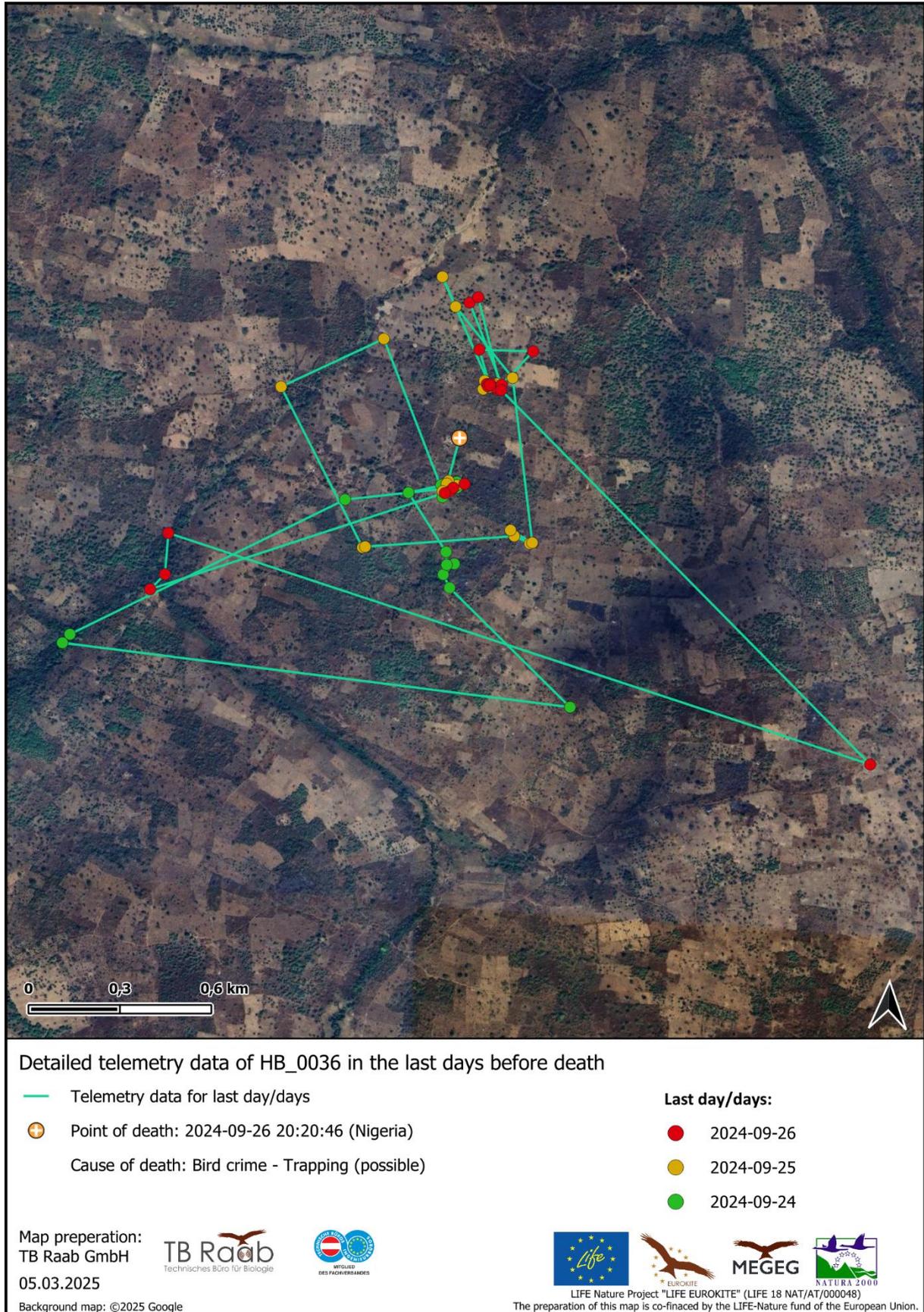


Figure 20: Detailed telemetry data of HB_0036 in the last days before death.

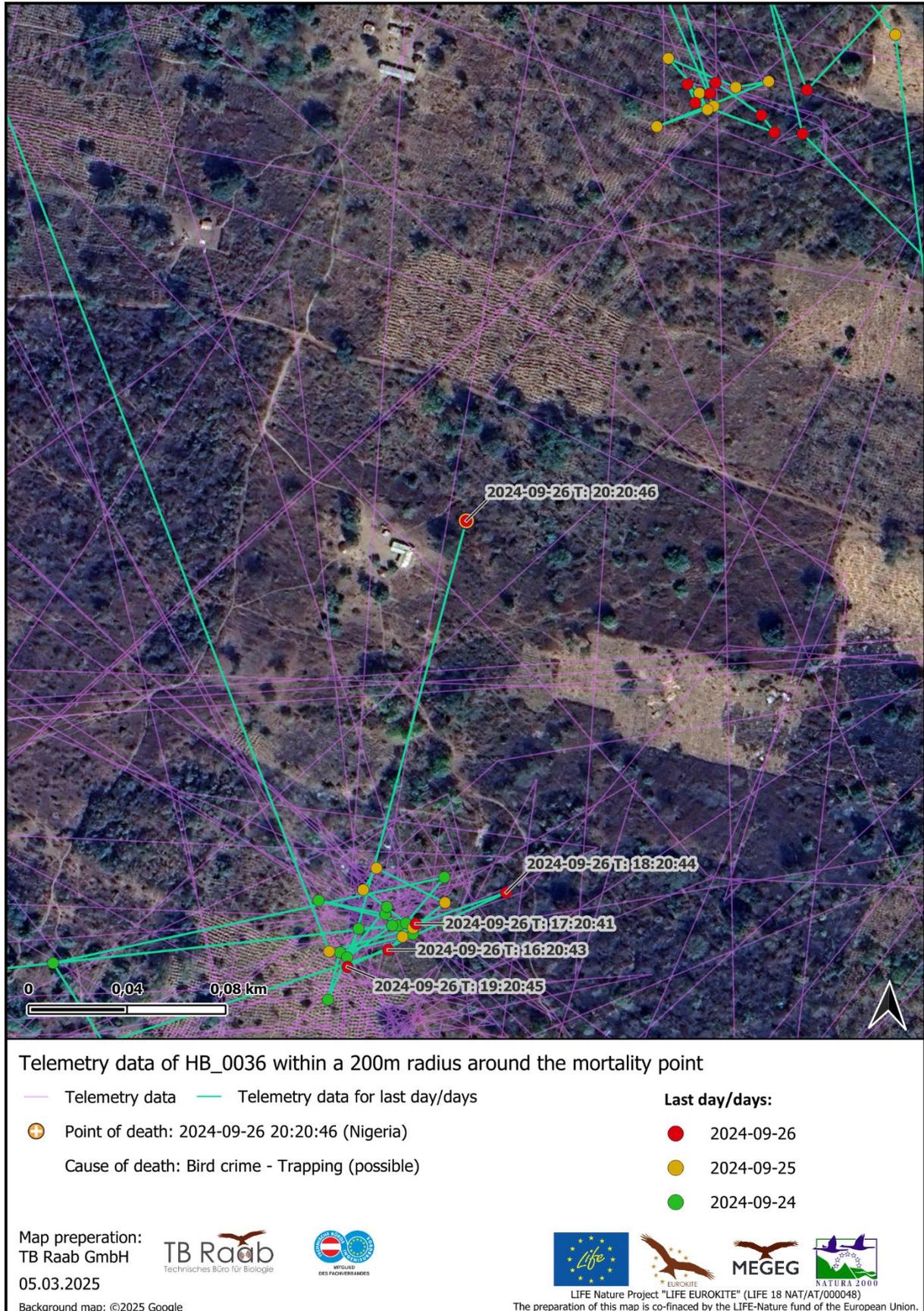


Figure 21: Telemetry data of HB_0036 within a 200m radius around the mortality point.

3.5 Tagged individual that have been shot in Tunisia

The birds are listed in chronological order by date of bird crime, commencing with the first recorded case.

RK_0206

General information about the bird

Name: Gösting_10

Species: Red kite

Birth date: 25.05.2018

Place of tagging: Zistersdorf, Lower Austria, Austria

Date of tagging: 23.06.2018

Age at tagging: 1. CY

Origin of bird: Juvenile from the nest

Ownership category: E_TBRAAB_1

Logger number: AUKO 56 - MLR 26 kite

Ring number: JC75469

Sex: Female

Bird crime information

Place of bird crime: Chouigui, Bizerta, Tunisia

Coordinates: 36.9244169, 9.776450

Date of bird crime: 05.04.2019, 05:00:00 PM (UTC)

Age at bird crime (Days): 315

Age at bird crime: 2. CY

Responsible organization for the investigation: Private Person

Logger and/or bird found: Logger found, bird not found

Carcass state: -

Bird crime: Shooting

Certainty category: Certain

Additional information: Expert assessment (TB Raab)

Investigation information

Last editing: 08.01.2025

Investigation: No information received

Police and/or authority investigation: No information received

Legal proceeding: No information received

Conviction: No information received

If investigation stopped or no conviction was achieved, why?

No information received

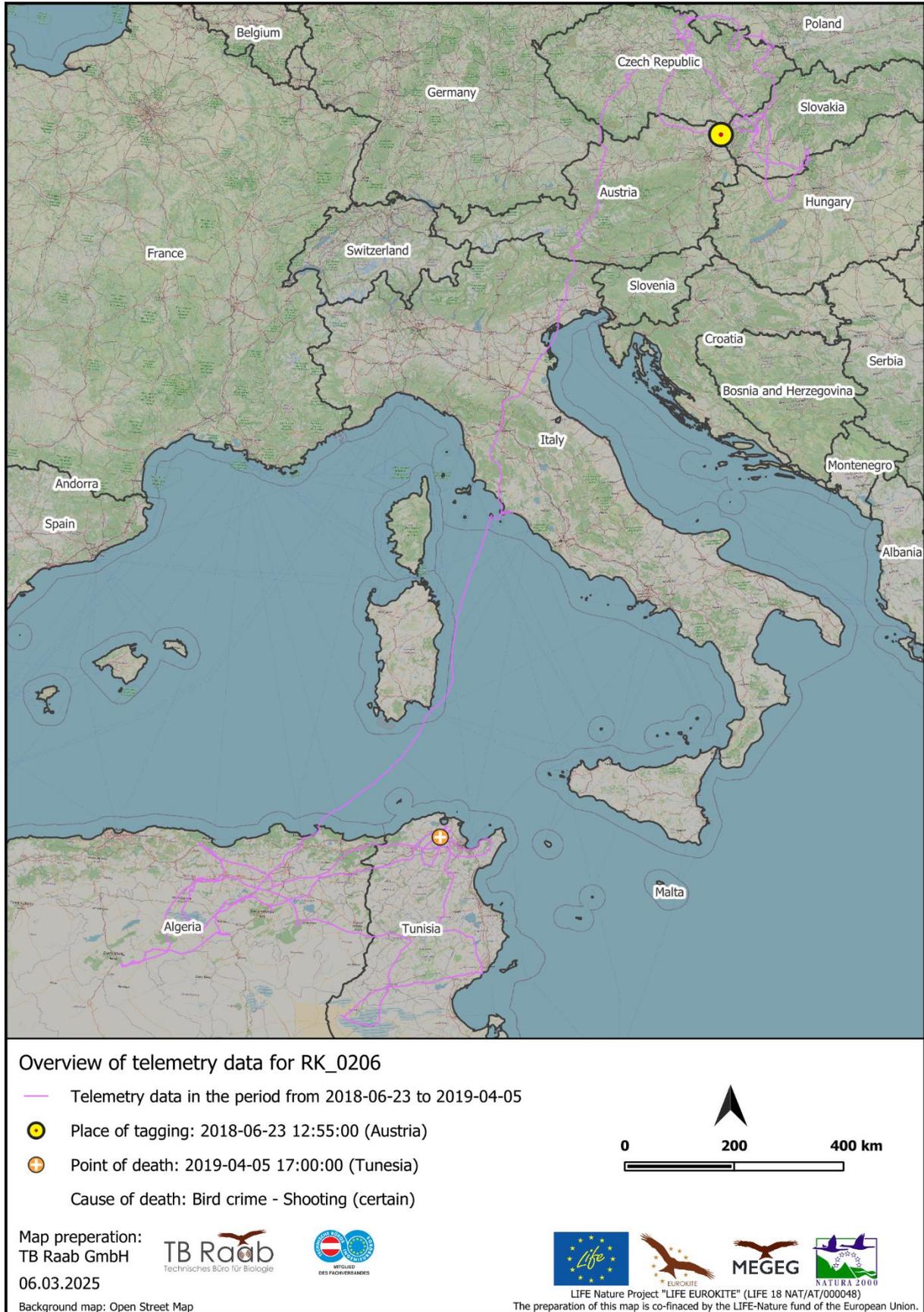


Figure 22: Overview of the telemetry data for RK_0206.



Figure 23: Detailed telemetry data of RK_0206 in the last days before death.

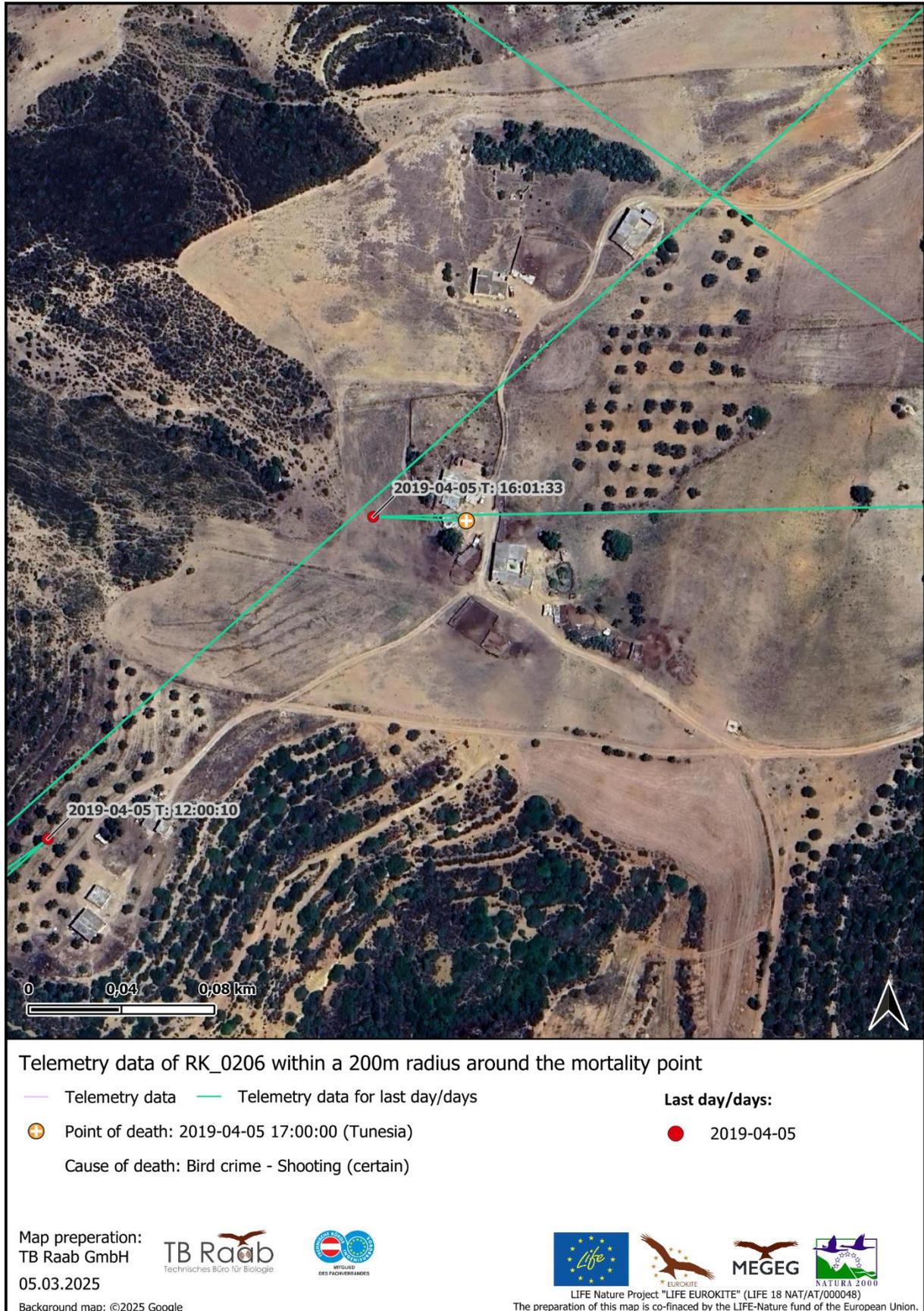


Figure 24: Telemetry data of RK_0206 within a 200m radius around the mortality point.

3.6 Summary of the non-European results

Please note, that due to different number of tagged birds per countries and especially the different density of red kites per country the results can differ significant per country. Therefore, these results do not provide any information about the statistical frequencies of illegal activities in the respective country.

The interim results of the LIFE EUROKITE (LIFE18 NAT/AT/000048) project 2020-2024 with additional results from 2013 onwards show, that 7 tagged raptors died outside of Europe. Of those, 5 individuals (1 red kite, 2 black kites and 2 honey buzzards) died due to illegal activities. Most of the tagged individuals (4) died due to shooting and 1 died due to trapping (Table 1 to Table 2 & Figure 25 to Figure 29).

Table 1: Overview of the numbers of tagged birds which died due to bird crime outside of Europe

Mortality reason	Honey buzzard	Black Kite	Red kite	Total
Bird crime - Shooting	1	2	1	4
Bird crime - Trapping	1	-	-	1
Total	2	2	1	5

Table 2: Overview of the districts where tagged birds died due to bird crime outside of Europe

Country – Federal State	Bird crime - Shooting	Bird crime - Trapping	Total
Algeria – Adrar (Wilāyat ḏ Adra, ولاية أدرار)	1	-	1
Ghana – Bono East	1	-	1
Guinea-Bissau - Bafatá	1	-	1
Nigeria – Kwara	-	1	1
Tunesia – Bizerte (Wilāyat Banzart, ولاية بنزرت)	1	-	1
Total	4	1	5

Results of the investigation

In almost all cases, no information is provided on the reporting of bird crimes to the police/authorities. In Ghana neither the police nor the authorities have been informed (Table 3). No information has been received from any of the countries regarding the investigation status, prosecution status or conviction status of the bird crimes.

Table 3: Overview of the reporting of bird crimes to the police/authorities

Reporting to the police/authority	Algeria	Ghana	Guinea-Bisau	Nigeria	Tunesia
Neither police nor authority informed	-	1	-	-	-
No information received	1	-	-	1	-
Total	1	1	1	1	1

4 References

- BirdLife International, EuroNatur. Progress assessment on the eradiction of illegal killing, taking and trade of wild birds in the Mediterranean and Europe (2025).
- Donázar, J.A. et al. Roles of raptors in a changing world: from flagships to providers of key ecosystem services. *Ardeola* **63**, 181-234 (2016).
- European Commission. Commission notice Guidance document on the strict protection of animal species of Community interest under the Habitats Directive. C(2021) 7301 final. Brussels (2021).
- García-Macía, J., De La Puente, J., Bermejo-Bermejo, A., Raab, R. & Urios, V. High variability and dual strategy in the wintering red kites (*Milvus milvus*). *Diversity* **14**, 117 (2022).
- Mattson, B.J. et al. Enhancing monitoring and transboundary collaboration for conserving migratory species under global change: The priority case of the red kite. *J. Environ. Manage.*, **317**, 115345 (2022).
- Natsukawa, H. & Sergio, F. Top predators as biodiversity indicators: A meta-analysis. *Ecol. Lett.* **25**, 2062-2075 (2022).
- Panter, C.T. et al. High human-caused mortality in GPS-tracked red kites across Europe. (Under review)

5 List of tagged individuals which died outside Europe

Black kite

BK_0001.....	11
BK_0003.....	21

Honey buzzard

HB_0008	16
HB_0036	26

Red kite

RK_0206.....	31
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CPEW
Campaign against criminal poisoning of European Wildlife

**POISONING
IS THE DIFFERENCE.**

**THESE CRIMES MUST STOP.
SIGN OUR PETITION NOW.**

<https://chng.it/zCZhxGhQSy>

www.stopwildlifepoisoning.eu

Coordinating beneficiary



The TB Raab GmbH was commissioned to implement the LIFE EUROKITE project after a pan-European public tender.



Project partner (Associated Beneficiary)



Co-financier



This project is co-financed by the LIFE Nature Programme of the European Union



Cooperation partner



This project is co-financed by the LIFE Nature Programme of the European Union

