

PROJECT

BISON

BIODIVERSITY AND INFRASTRUCTURE SYNERGIES AND OPPORTUNITIES FOR EUROPEAN TRANSPORT NETWORKS

Funding: European (Horizon 2020)

Duration: Jan 2021 - Jun 2023

Status: Ongoing

Total project cost: €3,563,653

EU contribution: €2,999,701



Call for proposal: H2020-MG-2020-SingleStage-INEA

[CORDIS RCN : 232676](#)

Objectives:

The main objectives of the BISON project are:

- To identify future research and innovation needs for a better integration of biodiversity with infrastructure planning, construction, operation and decommissioning. The project will develop a Strategic Research and Deployment Agenda (SRDA) which can be deployed at multiple scales, within the EU research framework programme, or by other regional, national or local programmes, in order to improve the knowledge-base on infrastructure and biodiversity.
- To make linear infrastructure more high performing and reliable while taking into account the specific needs of Western and Eastern Europe. In Western Europe, there is an increasing need to adapt existing long-lived infrastructure to new climate conditions, as well as finding innovative and sustainable solutions to reduce the impact of invasive species and support declining native species, while in Eastern Europe, there is significant land-use change and habitat fragmentation due to the surge in infrastructure developments to provide economic opportunities that are threatening the local, and very often endemic biodiversity. The project will identify the construction, maintenance and inspection methods and materials which are long-lasting and resilient and can be used by different transport modes to mitigate pressure on biodiversity.
- Support European Member States to fulfil their international commitments by engaging all stakeholders into biodiversity mainstreaming for infrastructure planning and development. It will do so by providing recommendations to minimise the impacts of infrastructure on biodiversity through supporting existing and developing projects.
- Support European Member States to become political leaders through collaboration and support of European research institutions and infrastructure operators, and providing more sustainability at the international level through jointly addressing biodiversity and infrastructure challenges.

Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Other programmes: MG-2-10-2020 Enhancing coordination between Member States' actions in the area of infrastructure research with a particular focus on biodiversity and ameliorating environmental impacts and full automated infrastructure upgrade and maintenance

Lead Organisation:

Ethniko Kentro Erevnas Kai Technologikis Anaptyxis

Address:

Charilaou Thermi Road
57001 Thermi Thessaloniki
Greece

Organisation Website:

<http://www.certh.gr>

EU Contribution: €205,063

Partner Organisations:**Slovenska Technicka Univerzita V Bratislave****Address:**

VAZOVOVA 5
81243 BRATISLAVA
Slovakia

Organisation Website:

<http://www.stuba.sk>

EU Contribution: €24,545

Universitatea De Stiinte Agricole Si Medicina Veterinara Cluj Napoca**Address:**

MANASTUR STR; 3-5
400372 CLUJ NAPOCA
Romania

EU Contribution: €17,025

Amphi International Aps**Address:**

FORSKERPARKEN 10
5230 ODENSE M
Denmark

EU Contribution: €100,458

Agencja Rozwoju Mazowska Spolka Akcyjna**Address:**

UL.SWIETOJERSKA 9
00-236 WARSZAWA
Poland

EU Contribution: €13,406

Universite De Limoges**Address:**

François Mitterrand 33
87032 Limoges
France

Organisation Website:

<http://www.unilim.fr>

EU Contribution: €59,000

Departament De Territori I Sostenibilitat - Generalitat De Catalunya**Address:**

Avinguda Josep Tarradellas 2-6
08029 Barcelona
Spain

Union International Des Chemins De Fer**Address:**

16 rue Jean Rey
75015 PARIS
France

Organisation Website:

<http://www.uic.asso.fr>

EU Contribution: €249,000

Office Francais De La Biodiversite**Address:**

12 COURS LOUIS
94300 VINCENNES
France

EU Contribution: €90,114

Asociatia Wwf Romania**Address:**

BD. TUDOR VLADIMIRESCU 29 SECTOR 5
050881 BUCURESTI
Romania

Organisation Website:

<http://www.wwf.ro>

EU Contribution: €41,668

Trafikverket**Address:**

RodaVagen 1
781 89 BORLANGE
Sweden

Organisation Website:

<http://www.trafikverket.se>

Bundesministerium Fuer Klimaschutz, Umwelt, Energie, Mobilitaet, Innovation Und Technologie**Address:**

Radetzkystrasse 2
1030 VIENNA
Austria

Organisation Website:

<http://www.bmvit.gv.at>

EU Contribution: €9,000

Service Public De Wallonie**Address:**

Place Josephine Charlotte 2
5100 Jambes
Belgium

EU Contribution: €9,000

Anas Spa**Address:**

Via Monzambano 10
100 Roma
Italy

Christian-Albrechts-Universitaet Zu Kiel**Address:**

OLSHAUSENSTRASSE 40
24118 KIEL
Germany

Organisation Website:

<http://www.uni-kiel.de>

EU Contribution: €103,343

Bundesministerium Fuer Verkehr Und Digitale Infrastruktur Dig**Address:**

Robert-Schuman-Platz 1
53175 Bonn
Germany

Organisation Website:

<http://www.bmvbs.de>

Agristudio Srl**Address:**

VIA FRUSA 3
50131 FIRENZE
Italy

EU Contribution: €32,056

Minuartia Estudis Ambientals SI**Address:**

C/ D'ARAGO 208 PISO 5 PTA 3
08011 BARCELONA
Spain

EU Contribution: €229,500

Sveriges Lantbruksuniversitet**Address:**

ALMAS ALLE 8

750 07 UPPSALA
Sweden

Organisation Website:

<http://www.slu.se>

EU Contribution: €96,720

Forum Des Laboratoires Nationaux Europeens De Recherche Routiere Fehrlaisbl

Address:

BOULEVARD DE LA WOLUWE 42
1200 BRUXELLES
Belgium

Organisation Website:

<http://www.fehrl.org>

EU Contribution: €472,813

Universitaet Kassel

Address:

Moenchebergstrasse 19
34109 Kassel
Germany

Organisation Website:

<http://www.uni-kassel.de>

EU Contribution: €83,479

Univerzita Konstantina Filozofa Vnitre

Address:

TRIEDA ANDREJA HLINKU 1
94974 NITRA
Slovakia

Organisation Website:

<http://www.ukf.sk>

EU Contribution: €28,550

Ministere De La Transition Ecologique Et Solidaire

Address:

Grande Arche - Tour Sequoia
92055 paris-la défense
France

Organisation Website:

<http://www.developpement-durable.gouv.fr/>

EU Contribution: €27,250

Union Professionnelle Du Genie Ecologique

Address:

LE CHEMIN CHAUSSE
35250 MOUAZE
France

EU Contribution: €177,000

Centrum Dopravniho Vyzkumu V.v.i.**Address:**

Lisenska 33a
636 00 BRNO
Czech Republic

Organisation Website:

<http://www.cdv.cz>

EU Contribution: €64,338

Asociatia Zarand**Address:**

STRADA MIHAI VITEAZUL 44 BL 63 SC E AP 10
500187 BRASOV
Romania

EU Contribution: €28,750

Universite Gustave Eiffel**Address:**

5 BOULEVARD DESCARTES CAMPUS DE MARNE-LA-VALLE
77454 MARNE-LA-VALLEE
France

EU Contribution: €201,009

Vlaamse Gewest**Address:**

AVENUE DU PORT 88
1000 BRUSSEL
Belgium

EU Contribution: €0

Generalna Dyrekcja Drog Krajowych I Autostrad**Address:**

UL WRONIA 53
00 874 WARSZAWA
Poland

EU Contribution: €0

Ministry Of Transport And Construction Of The Slovak Republic**Address:**

Namestie Slobody P.O.Box 100 c. 6
810 05 Bratislava 15
Slovakia

Organisation Website:

<http://www.telecom.gov.sk>

EU Contribution: €9,000

Federal Department For Environment, Transport, Energy And Communications**Address:**

Bundeshaus Nord
3003 Bern
Switzerland

Organisation Website:
<http://www.uvek.admin.ch>

EU Contribution: €9,000

Nature Conservation Agency Of The Czech Republic

Address:
Kaplanova 1931/1
148 00 Prague 11
Czech Republic

EU Contribution: €0

Bundesamt Fur Naturschutz

Address:
KONSTANTINSTRASSE 110
53179 BONN
Germany

EU Contribution: €0

Cerema (Centre D'Études Et D'Expertise Sur Les Risques L'Environnement La Mobilité Et L'Aménagement)

Address:
25 AV FRANCOIS MITTERRAND
69500 BRON
France

Organisation Website:
<http://www.cerema.fr>

EU Contribution: €223,038

Bundesanstalt Fuer Strassenwesen

Address:
BRUEDERSTRASSE 53
51427 BERGISCH GLADBACH
Germany

Organisation Website:
<http://www.bast.de>

EU Contribution: €53,891

Fondation Francaise Pour La Recherche Sur La Biodiversite

Address:
RUE SAINT JACQUES 195
75005 PARIS
France

Organisation Website:
<http://www.fondationbiodiversite.fr/Accueil.html>

EU Contribution: €243,043

National Roads Authority**Address:**

Waterloo Road
Dublin 4
Dublin
Ireland

Organisation Website:

<http://www.nra.ie>

EU Contribution: €0

Egis Structures Et Environnement Sa**Address:**

Avenue du Centre 11
CS 30530 GYANCOURT
France

EU Contribution: €63,758

Netivei Israel - National Transport Infrastructure Company Ltd**Address:**

3 Ariel Sharon Street
Or Yehuda 6050001
Israel

EU Contribution: €34,889

Technologies:

Information systems
Transport research and innovation strategies

Development phase: Research/Invention

Infrastructure, Other

STRIA Roadmaps: specified

Transport mode: Multimodal transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Environmental/Emissions aspects, Deployment planning/Financing/Market roll-out

Geo-spatial type: Infrastructure Node