



**LIFE SAFE  
CROSSING**  
PREVENTING  
ANIMAL-VEHICLE  
COLLISIONS



AGRISTUDIO S.r.l.



Callisto



COSMOTÉ  
OUR WORLD IS ONE



EGNATIA ODOS S.p.A.



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Croatian Wildlife Foundation



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FINAL CONFERENCE  
**LIFE SAFE-CROSSING**  
WILDLIFE AND ROADS: MULTIPLE ASPECTS OF AN ISSUE

Auditorium S.S. Annunziata  
Corso Ovidio 231  
SULMONA (AQ), ITALY

may **17-18** 2023



## DAY 1 MAY 17 2023

9.00-9.30

Registration

Opening session

9.30

Greetings

Fabio Papini, *Agristudio, Italy*

9.40

The role of LIFE SAFE-CROSSING for conservation - Overview of the project

Annette Mertens, *Agristudio, Italy*

10.00

The Changing Landscape of Transportation: Designing Roads for Wildlife Conservation

Antony Clevenger, *Montana State University, USA*

## Session 1. Animal-Vehicle Collision monitoring and prevention

Chair: Carme Rosell

10.30

Animal-Vehicle Collision Prevention Systems as a mitigation tool: general considerations from the LIFE SAFE CROSSING project

Simone Ricci, *Agristudio, Italy*

10.50

Use of electronic devices to prevent AVCs: a suggested approach based on the experience gained in the Maiella National Park

Giovanna Di Domenico and Antonio Antonucci, *Maiella National Park, Italy*

11.10

Ex-ante and ex-post monitoring and evaluation of underpasses use by brown bears on motorway A29, Greece

Yorgos Mertzanis, Maria Petridou, Olivier Gimenez, Maria Psaralexi, George Lyberopoulos, Elina Theodoropoulou, Yiannis Tsaknakis, Athanasios Tragos and Yorgos Lazaros; presenter: Yorgos Theodoridis - *COSMOTE and CALLISTO, Greece*

11.30

Insights in the brown bear population and mitigation measures for the habitat fragmentation in Romania

Mihai Fedorca, *INCDS and Iulia Baciu, Fundatia Carpati, Romania*

11.50

Coffee break

12.10

On the challenges related to determination of WVC safety measure effectiveness

Michal Bil, *Transport Research Centre Brno, Czech Republic*

12.30

Developing an acoustic deterrent system to prevent ungulate collisions on Scandinavian railways

Andreas Seiler\*, Mattias Olsson, Aina Winsvold, Svein Eilertsen, Carolin Berndt and Manisha Bhardwaj;

\**Department of Ecology, Swedish University of Agricultural Sciences, SLU, Uppsala, Sweden*

12.50

Reducing brown bear traffic caused mortality on the motorway A6 in Croatia

Djuro Huber, *Veterinary Faculty of Zagreb, Croatia*

13.10

Questions and discussion

13.30-14.30

Lunch

## Session 2. Improving connectivity

Chair: Andreas Seiler

14.30

The activities in LIFE SAFE-CROSSING and the interventions to reduce bear vehicle collisions on the A25 highway by the Abruzzo Lazio and Molise National Park

Luciano Sammarone, Roberta Latini, Daniela D'Amico and Laura Scillitani, *Abruzzo Lazio e Molise National Park, Italy*

14.50

Guidelines to improve the use of crossing structures by large carnivores

Carme Rosell and Luis M. Fernández, *Minuartia, Spain*

15.10

To restore and maintain ecological corridors on EU-level: First results of the EU-Project BISON

Marita Böttcher, Cindy Baierl and Heinrich Reck, *Bundesamt für Naturschutz, Germany*

15.30

Road ecology activities to enhance bear coexistence corridors complementing the actions of the LIFE Bear Smart Corridors project

Mario Cipollone, *Rewilding Apennines, Italy*

15.50

Coffee break

## 16.10

The reduction of environmental fragmentation in the Alta Val di Susa: a case study

Paola Bertotto and Paola Violino, *LIFE Wolfalps EU, Italy*

## 16.30

Cross-sectoral integrative approach for securing functional connectivity at landscape level

Radu Mot, *Zarand, Romania*

## 16.50

21<sup>st</sup> Century: A Paradigm Shift in Iberian Lynx Conservation

Javier Salcedo, *LIFE LYNXCONNECT, Junta de Andalucía, Spain*

## 17.10-17.45

Questions and discussion

**DAY 2** **MAY 18 2023**

## Session 3. Awareness raising and information

Chair: Annette Mertens

### 9.30

Neuroscience in support of creativity and environmental communication

Simone D'Alessandro, *CARSA, The Thinking Company, Italy*

### 9.50

Exploring the replicability potential of LIFE SAFE CROSSING in LIFE LYNXCONNECT

Marcos López Parra and Matías de las Heras, *AMAYA, Junta de Andalucía, Spain*

### 10.10

Harmonization of green and grey infrastructures. The BISON Learning Hub and Online handbook

Carme Rosell, *Minuartia* and Maros Finka, *Slovak University of Technology in Bratislava, Slovakia*

## Session 4. Stakeholder involvement

Chair: Annette Mertens

### 10.30

Improving the structures of the Egnatia Motorway against fragmentation

Niki Voumvoulaki, *Egnatia Odos S.A., Greece*

### 10.50

The BISON project - Mobility and biodiversity at a nexus of challenges for policies

Charlotte Navarro, *Fondation pour la Recherche sur la Biodiversité, France*

### 11.10

#### Coffee break

### 11.30

Combining GIS and SWOT analysis for enhancing ecological connectivity in the Alpine-Adriatic Area

Filippo Favilli, *Eurac Research, Italy*

### 11.50

The LIFE SAFE CROSSING theme as a need of the local community: how the topic emerged within the LIFE ARCPROM project

Anna Crimella, Giovanna Di Domenico and Antonio Antonucci, *Maiella National Park, Italy*

### 12.10

The cooperation of ANAS (Italian road management authority) with the LIFE SAFE-CROSSING project for reducing the impact of roads on bears

Struttura Territoriale Abruzzo e Molise, *ANAS, Italy*

### 12.30-13.30

Round table with representatives of key decision makers

### 13.30

#### Lunch

### 15.00

#### AFTERNOON

Field visit to concrete interventions carried out in the frame of the project

On 17<sup>th</sup> and 18<sup>th</sup> starting at 16.00: awareness raising activities for adults and children will take place on Piazza XX Settembre, Sulmona.



## Organizing Secretariat

I<sup>9</sup>MEETALY ITALY  
COMES  
TRUE

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## How to reach the conference



### From Highway A14 North/South

Take the E80/A25 exit towards Rome

Continue on A25/E80

Take Strada Statale 17/SS17 and Viale della Repubblica to enter Sulmona, then you can park on the parking "Santa Chiara"



### From Rome (Highway A24)

Follow A24 and A25/E80 towards Strada Statale 5 Dir in Pratola Peligna.

Take the exit Pratola P-Sulmona from A25/E80

Take Strada Statale 17/SS17 and Viale della Repubblica to enter Sulmona, then you can park on the parking "Santa Chiara"



### From Railway Station (2.0 km - 27 min)

Turn right and take Viale Stazione Centrale

At the roundabout take the 1<sup>st</sup> exit and take Viale Roosevelt

Continue on Corso Ovidio

