



# LENS City and Stakeholder Group Event

Welcome and Intro

Prof. Leonidas Ntziachristos  
EMISIA SA

Barcelona, 15.10.2024



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# Project Fiche

Grant Agreement number	101056777
Framework Programme	HORIZON Europe
Call	Clean and competitive solutions for all transport modes (Topic ID: HORIZON-CL5-2021-D5-01-16)
Type of action	Research and Innovation Action
Duration	36 months
Budget	4 995 098 €
Total partners	15
Coordinator	Emisia S.A.

# Consortium

e:misia

Applus<sup>+</sup>  
IDIADA

TU  
Graz

ivl  
Swedish Environmental  
Research Institute

ika | RWTH AACHEN  
UNIVERSITY

KU LEUVEN

CZU  
Czech University  
of Life Sciences Prague

TNO  
innovation  
for life

ifp  
Energies  
nouvelles

KTM

BMW  
GROUP



HORIBA

PIAGGIO

POLIS  
CITIES AND REGIONS FOR  
TRANSPORT INNOVATION

LNS  
L-vehicles Emissions and  
Noise mitigation Solutions

# Objectives of the meeting

- Explain what our project aims at achieving in terms of motorcycle noise and pollutant emissions monitoring
- Demonstrate (some of) the tools and methods used
- Listen to the needs and requirements of cities and enforcement authorities
- Streamline project outcomes to specific needs

# Agenda

Time	Content	Speaker	Organisation
10:00-10:30	<b>Arrival &amp; Coffee</b>	Location: <a href="#">Carrer de Sant Antoni Maria Claret, 167, Horta-Guinardó, 08041 Barcelona, Spain</a>	Catering by ARED
10:30-10:50	<b>Setting the scene:</b> <i>Challenges of L-vehicle pollution &amp; LENS solutions</i>	Leonidas Ntziachristos <i>LENS Project Coordinator</i>	EMISIA
10:50-11:00	<b>Welcome words by OPUS</b>	Javier Buhigas <i>Head of Operations &amp; Consultancy</i>	OPUS RSE
11:00-11:30	<b>Ecological challenges related to pollution in Catalunya</b>	Maria Savall Mañó <i>Mobility Strategy Technician</i>	Barcelona City Council
11:30-12:00	<b>Introduction to LENS :</b> <i>Aims, aspirations and air- &amp; noise pollution measurement</i>	Leonidas Ntziachristos <i>LENS Project Coordinator</i>	EMISIA
12:00-12:30	<b>Coffee Break</b>		
12:30-13:00	<b>LENS Project – L-vehicle sensing</b> <i>Noise &amp; Emissions Remote Sensing of Motorcycles in Barcelona and beyond</i>	Ake Sjödin <i>Senior Researcher and Consultant</i>	IVL
13:00-13:30	<b>Introduction to CRETA:</b> <i>Aim of the project &amp; implementation plan</i>	Carles Fuentes <i>Technology Studies and Projects Manager</i>	ABERTIS Autopistas
13:30-14:30	<b>Lunch break</b>		
14:30-15:15	<b>CRETA Project:</b> <i>Spanish vehicle emission remote sensing</i>	Javier Buhigas <i>Head of Operations &amp; Consultancy</i>	OPUS RSE
15:15-16:00	<b>Regional air pollution challenges in Catalunya and related mitigation strategies</b>	Eva Pérez Gabucio <i>Head of Air Quality</i>	Generalitat de Catalunya
16:00-16:05	<b>Communication &amp; Site visit information</b>	Niklas Schmalholz <i>Communication Manager LENS Project</i>	POLIS Network
16:05-16:15	<b>Packing for site visit</b>		
16:15-18:00	Site visit of the measurement campaign	<a href="#">Via Augusta, 382, Sarrià-Sant Gervasi, 08017 Barcelona, Spain</a>	

# A big thanks!

- Javier Buhigas (Opus) for being a LENS supporter and enabling the measurements in Barcelona
- Barcelona City Council for providing the permit for remote sensing measurements around via Augusta
- The Local Police (Guardia Urbana) for support and assistance in conducting the campaign



# Welcome to better cities through our LENS!



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# Colour palette



## RGB

102/98/255

0/159/227

40/35/93

81/192/72

225/225/225

## HEX

6662ff

009fe3

28235d

51c048

E1E1E1