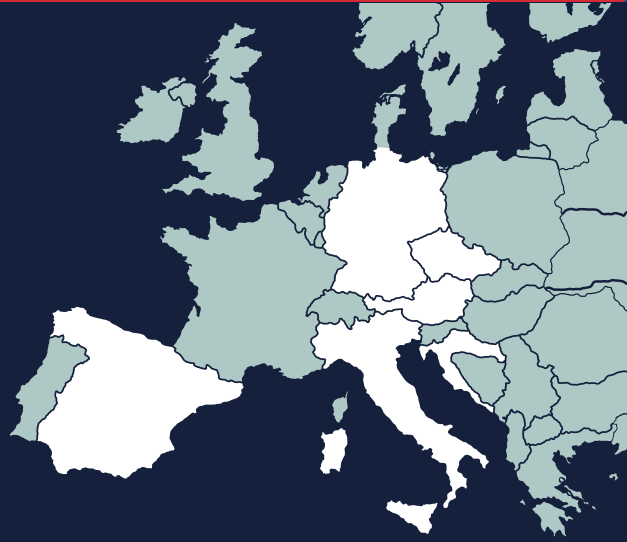


PARTNERS

@MINDED project



WE WORK
TO CREATE A
BETTER
FUTURE

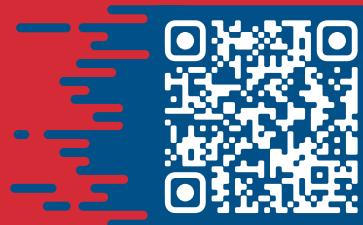


OUR CONSORTIUM

The MINDED project brings together a consortium of institutions that collaborate to achieve shared goals, pooling their resources and expertise to make a significant impact in Europe. Our consortium comprises partners from across Europe, including 11 organizations from 7 different countries. Together, we are dedicated to advancing sustainable transportation solutions and driving innovation in zero-emission mobility. Through strategic collaboration and collective effort, we aim to lead the way towards a cleaner and more sustainable future for all. Be part of the change.



MINDED PROJECT



www.minded-project.eu



Funded by
the European Union

MINDED IS FUNDED BY THE EUROPEAN UNION'S HORIZON EUROPE RESEARCH AND INNOVATION PROGRAMME UNDER GA NO. 101138202.

THERMAL AND ENERGY MANAGEMENT
FOR INCREASED DRIVING RANGE OF
AN ELECTRIC MINIBUS INCLUDING
IMPROVED USER-CENTRIC DESIGN
AND THERMAL COMFORT

ABOUT



ENHANCED USER-CENTRIC DESIGN FOR AN ELECTRIC MINIBUS

MINDED is dedicated to delivering a battery-electric IVECO eDaily minibus that offers a 20% improved range at 0°C. This enhancement is achieved through the implementation of advanced heating systems, optimized thermal and energy management strategies, and state-of-the-art air conditioning technologies. Our focus is on integrating these elements to create a high-performance, zero-emission vehicle that meets the demands of modern transportation.

OBJECTIVES

INNOVATION, COMFORT AND SUSTAINABILITY

Our strategic vision aligns with global efforts to reduce CO2 emissions and supports the European Green Deal's goal of carbon neutrality by 2050. By transforming Europe's mobility, energy, and production systems, we aim to make significant strides in achieving these ambitious targets. The MINDED project aligns perfectly with the Strategic Research and Innovation Agenda of the 2ZERO Partnership.



INNOVATION

Deliver a next-generation, energy-efficient, zero-emission minibus that sets new eco-friendly standards.



COMFORT

Provide sustainable and innovative mobility solutions for urban, peri-urban, and rural areas.



SUSTAINABILITY

Contribute to the European Green Deal by reducing CO2 emissions and promoting carbon neutrality.

THERMAL

WHY THERMAL AND ENERGY MANAGEMENT CAN INCREASE DRIVING RANGE OF AN ELECTRIC MINIBUS ?



Traditional heating and cooling systems in electric vehicles can significantly drain the battery, reducing the vehicle's range. This problem is particularly acute in cold climates, where maintaining passenger comfort requires substantial energy. Effective thermal and energy management is therefore crucial for maximizing the driving range of an electric minibus.

