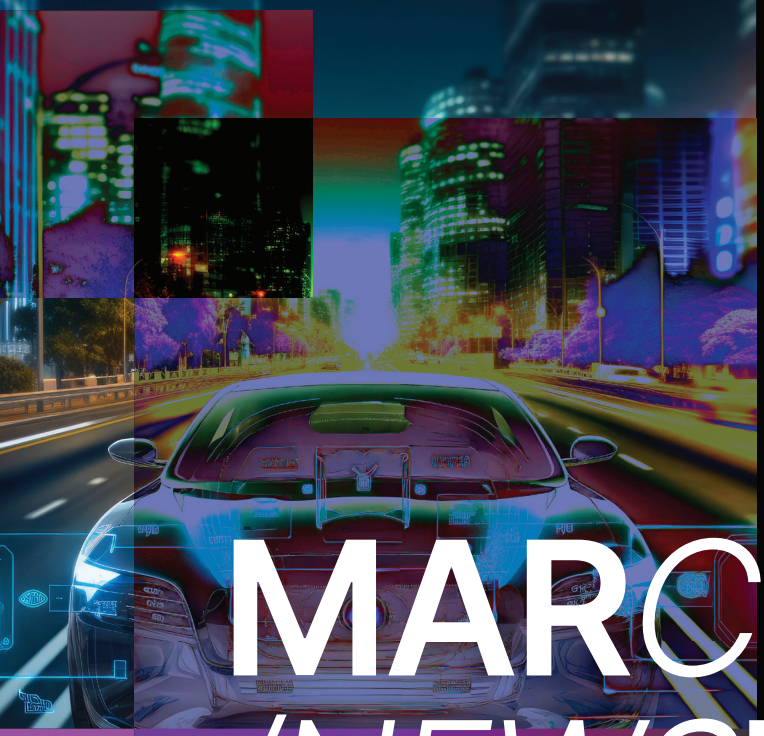


SHAPE FUTURE

MARCH 2025 /NEWSLETTER/

ShapeFuture
is at the center of ECS development, further boosting the transformation of mobility towards zero emissions & zero fatalities.

2025

www.shapefuture.eu

PROJECT VISION

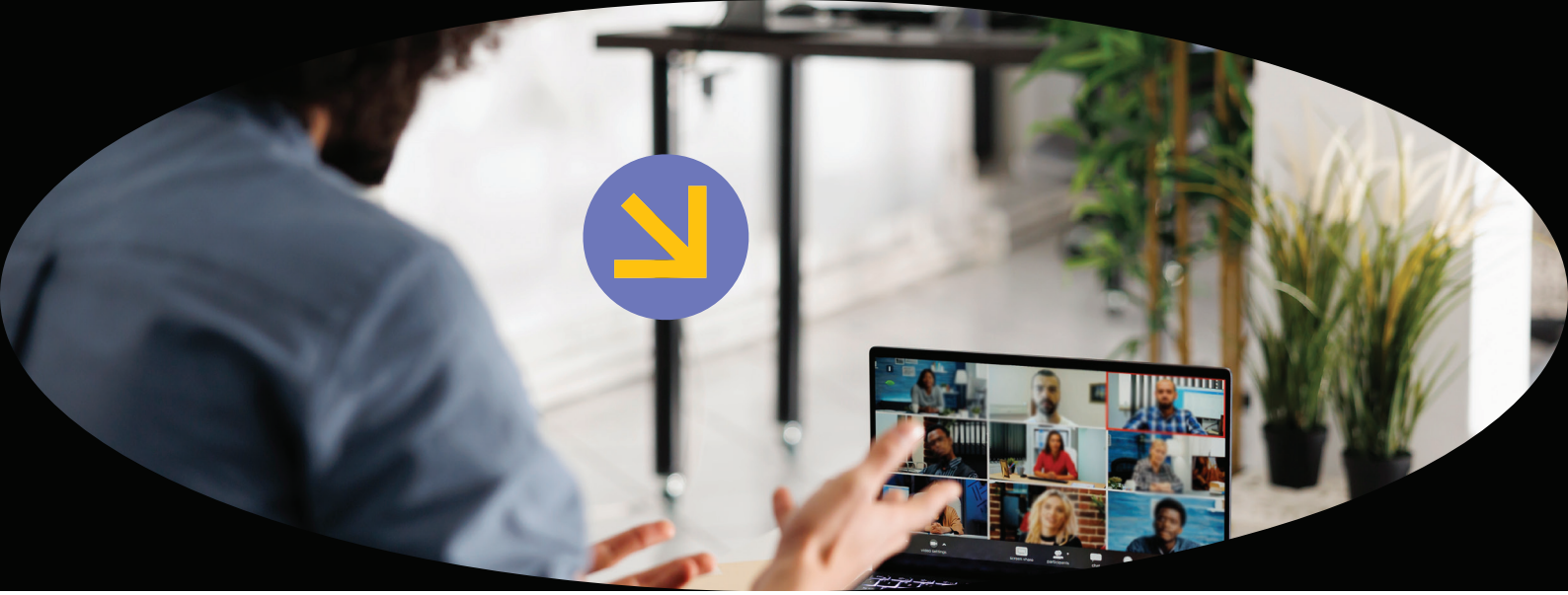
ShapeFuture will drive innovation in fundamental Electronic Components & Systems (ECS) that are essential for robust, powerful, fail-operational, & integrated perception, cognition, AI-enabled decision-making, resilient automation, computing, & communications for highly automated vehicles. We aim to ensure European ECS value chain sovereignty by shaping the future of ECS for automotive applications.

SHAPEFUTURE WILL

- *Advance* vehicle safety, security, & reliability.
- *Lead* European ECS development & supply.
- *Improve* ECS accuracy, robustness, & efficiency.
- *Create* cognitive ECS with enhanced human interaction.
- *Enable* resilient automation & communication.
- *Foster* technology adoption & business sovereignty.

SHAPE FUTURE

NEWSLETTER



PROJECT UPDATES

SEPTEMBER 18, 2024
WP1 KICK-OFF

We successfully held our online Work Package 1 (WP1) meeting! Key deliverables were discussed, responsibilities assigned, & a clear project an meeting timeline was established.

OCTOBER 19-30 2024
MADRID CORE TEAM MEETING

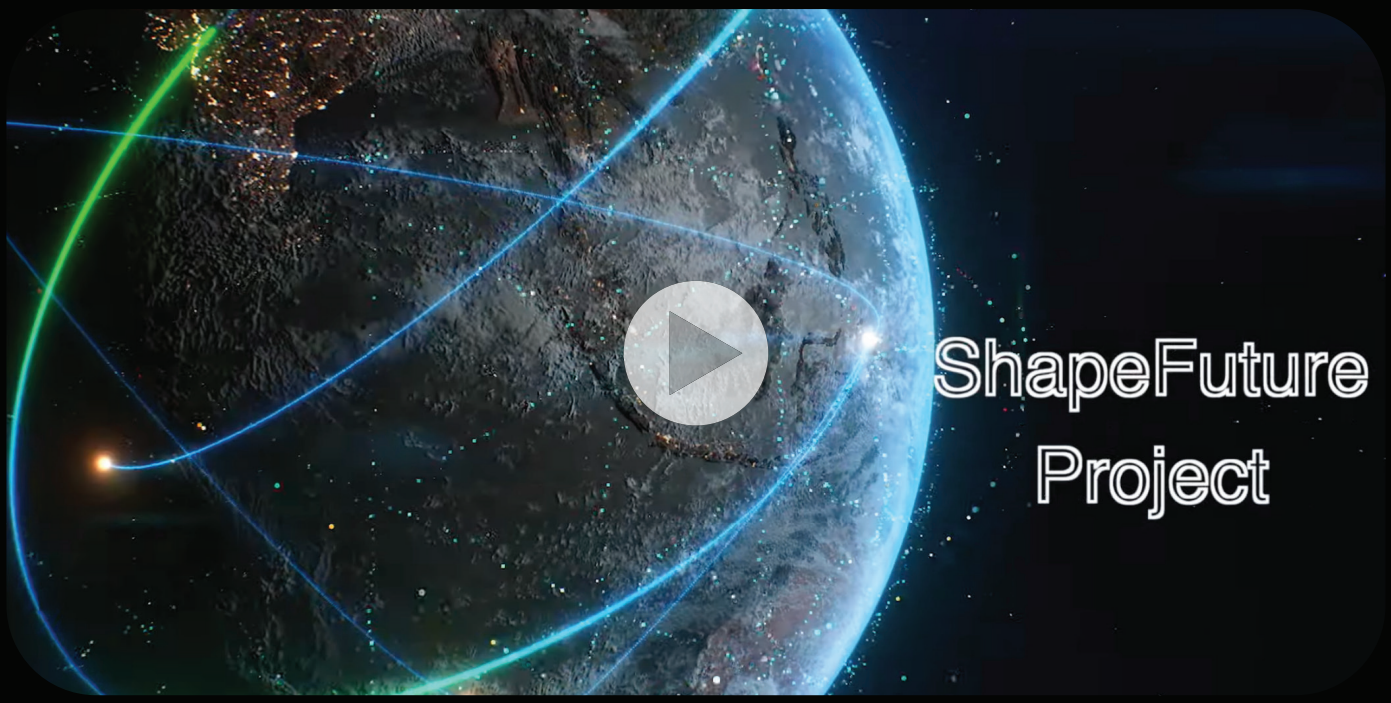
Our Core Team meeting in Madrid was hosted by Jorge Villagra Serrano at the Centre for Automation and Robotics (CSIC-UPM).
Over two productive days, we:

- Defined project goals and planned the workflow.
- Aligned on the overall project overview.
- Shared recent work, progress, & upcoming milestones across Work Packages.
- Presented the exploitation strategy & dissemination plan to ensure project impact.
- Connected with the wider ShapeFuture consortium, sharing key takeaways & updates.

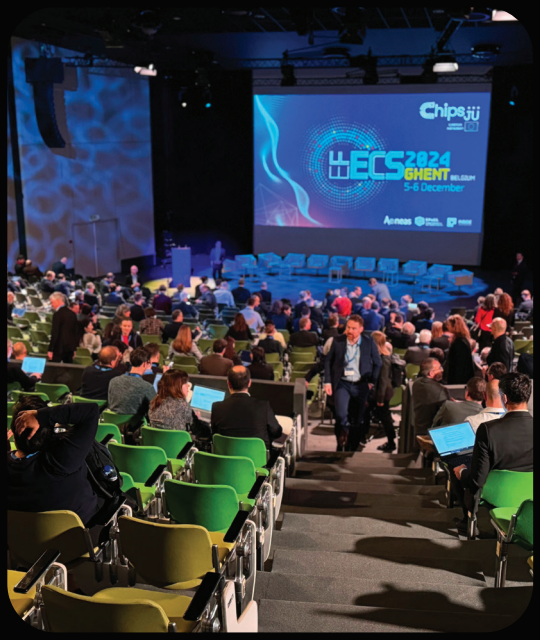
SHAPE FUTURE

NEWSLETTER

SHAPE*FUTURE* YOU**TUBE CH***ANN***EL**



DEC*EM*BER 4-6, 2024 *EF*ECS 2024, G*HEN*T, BELGIUM



ShapeFuture was at EFECS 2024!

We highlighted our contributions to ECS development, boosting the transformation of mobility towards zero emissions and zero fatalities.

SHAPE FUTURE

NEWSLETTER

JANUARY 2025 END USER TECHNOLOGY ACCEPTANCE QUESTIONNAIRE

We invited everyone to participate in our "End Users Technology Acceptance Questionnaire" focused on Automated Vehicles and Decision-Making. All insights are crucial for understanding user perspectives and informing the development of safer, more reliable, & user-centric autonomous systems. Professionals from all fields, especially those in automotive, technology, & related areas, are encouraged to contribute.

You can still scan the QR code to participate (QR) or follow this link:

docs.google.com/forms/d/e/1FAIpQLSe68szvAMbpIZi8t8k2UvIVH8×5sZ_YIVaavj63a0ozWKUVmg/viewform

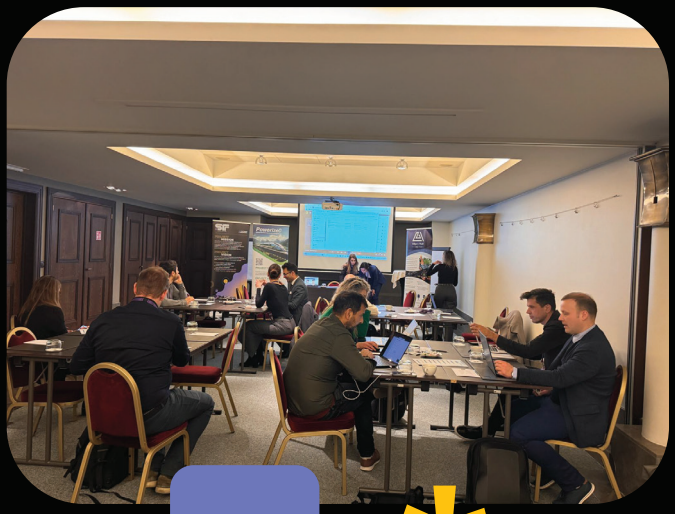
JANUARY 30 2025 TECH TALK 2025

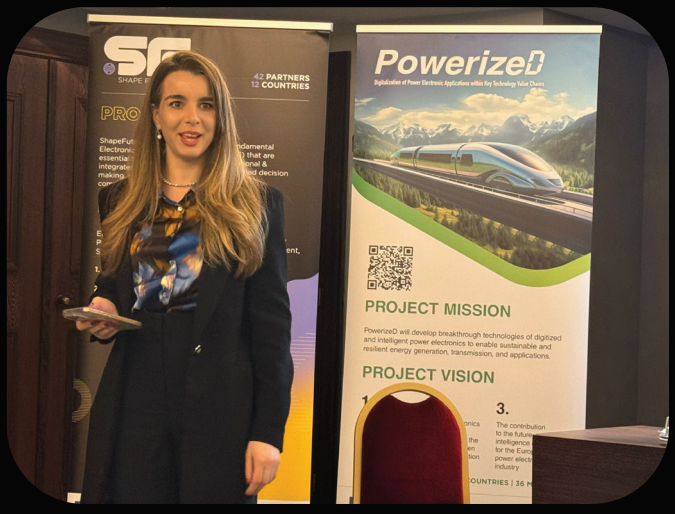
ShapeFuture participated in #TechTalk2025!
Our coordinator, Jochen Koszescha, joined the conversation about the future of transportation.

This event allowed us to exchange insights, collaborate on challenges & opportunities facing the automotive industry, and connect with key stakeholders.

FEBRUARY 2025
END-USER TECHNOLOGY ACCEPTANCE WORKSHOP

The "End-User Technology Acceptance Workshops" series launched successfully in Brussels on February 18th, initiating a crucial dialogue surrounding our EU project initiatives.
This first session, focused on end-user adoption within projects like AIMS5.0, EcoMobility_project, EdgeAI-Trust, PowerizeD, R3-MYDAS, and Shape Future, facilitated vital collaboration among diverse stakeholders. Our team participated in a dedicated segment exploring automated vehicles.





This discussion, expertly led by our partner Konstantina Karathanasopoulou from Harokopio University of Athens, focused into the vital link between user acceptance and the development of future autonomous systems. By exploring various perspectives, we gained valuable insights into the critical factors that influence technology acceptance, ultimately supporting the long-term sustainability of our innovations.

A special acknowledgment goes to all participants who contributed to the engaging discussions.

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INTERCONNECTIONS OF RESEARCH PROJECTS:

Shared Technologies Pillars & Innovations

INTELLIGENT CONNECTIVITY
Data-driven AI & real-time decision-making

EdgeAI-Trust · SHAPE FUTURE · EcoMobility

EV BATTERY MONITORING
Battery efficiency and AI-based energy management

PowerizeD · I3-MYDAS · EcoMobility

DATA MANAGEMENT
Real-time data handling & AI-driven insights

I3-MYDAS · EdgeAI-Trust

DIGITAL TWINS
Real-time digital representations for system optimization

I3-MYDAS · PowerizeD

FEDERATED LEARNING
AI model sharing & optimization for distributed systems

EdgeAI-Trust · PowerizeD

SUSTAINABLE AI INDUSTRY
AI-enabled hardware and software solutions

I3-MYDAS · AIMS 5.0 · EdgeAI-Trust

RESILIENT AUTOMATION
Fail-safe AI-based automation on next-gen autonomous vehicles

EdgeAI-Trust · SHAPE FUTURE · EcoMobility

SHAPE FUTURE

NEWSLETTER

SHAPE FUTURE

//STAY TUNED

THANK YOU TO OUR CONSORTIUM PARTNERS FOR THEIR DEDICATION & HARD WORK.

WE'RE EXCITED TO CONTINUE SHARING OUR PROGRESS & SHAPING THE FUTURE OF MOBILITY TOGETHER.

FOLLOW US FOR MORE UPDATES!