



MISSION AND VISION STATEMENT

The Towards Zero-emission Road Transport (2Zero) partnership will set an ambitious research programme to accelerate the development of zero tailpipe-emission road transport in Europe with a system approach. It will develop a common vision and deliver a multi-stakeholders roadmap for a climate-neutral and clean road transport system. It will improve air quality, the mobility safety of people and of goods, and hence ensure future European leadership in innovation, production and services. By paving the way to a climate-neutral road transport system, the partnership will make a key contribution to the success of the European Green Deal.

KEY FACTS AND FIGURES

Horizon Europe Pillar and Cluster: Pillar II – Cluster 5: Climate, energy and mobility

Type of partnership: Co-programmed

Coordinating entity: EGVIafor2Zero AISBL and DG RTD - Future Urban and Mobility Systems Unit

Total estimated budget: EUR 1.23 bn

EU commitments: EUR 615 m

Partners' commitments: Up to EUR 900 m

Predecessor under Horizon 2020: The European Green Vehicles (2014-2020) and European Green Cars (2009-2013) cPPPs.

FIND OUT MORE

www.2Zeroemission.eu

[in https://www.linkedin.com/company/2zeroemission/?viewAsMember=true](https://www.linkedin.com/company/2zeroemission/?viewAsMember=true)

[@2Zeroemission](https://twitter.com/2Zeroemission)

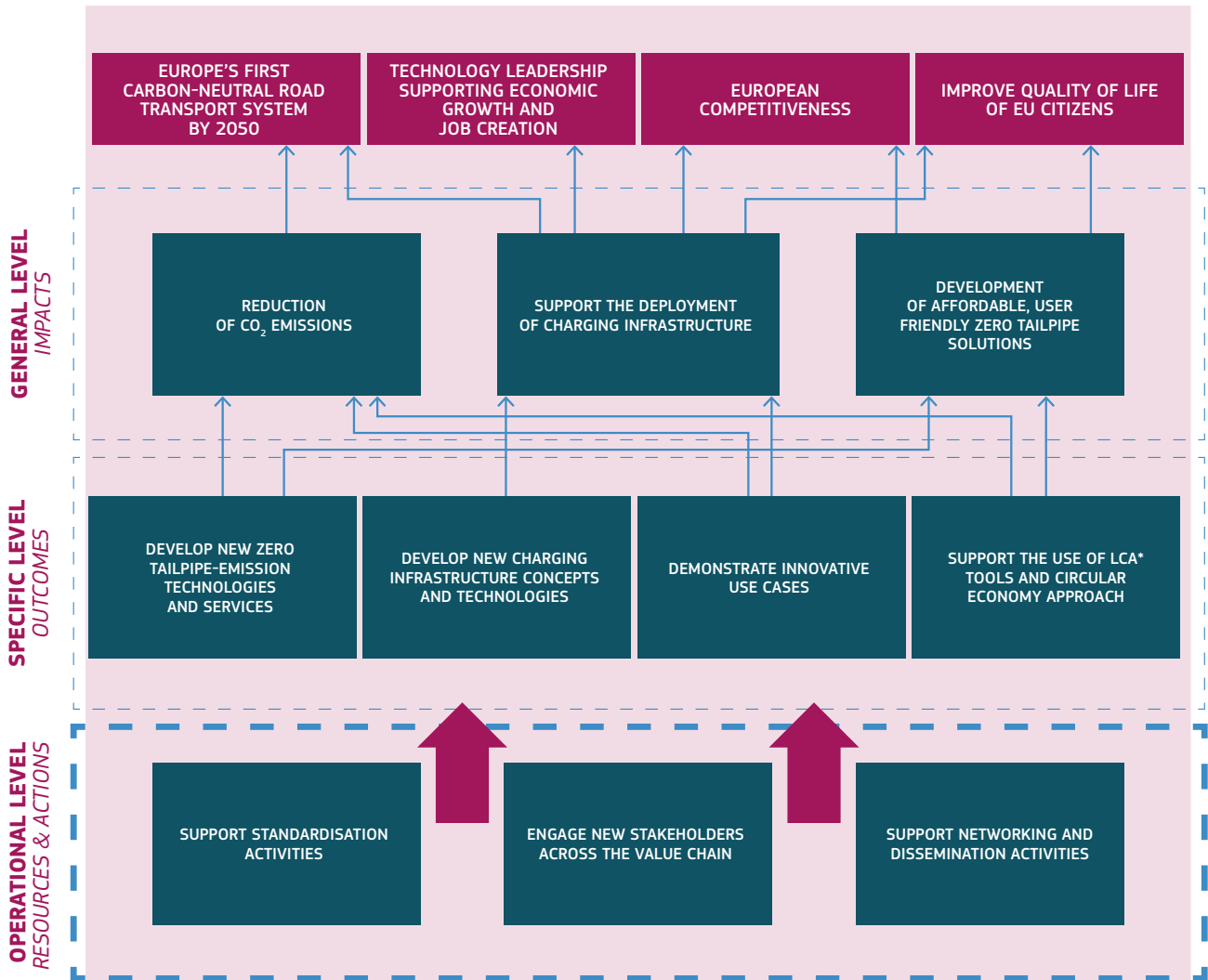
[yt https://www.youtube.com/channel/UCMVUHiygzYPsmIEz2Z4kKXQ](https://www.youtube.com/channel/UCMVUHiygzYPsmIEz2Z4kKXQ)

[✉ info@2zeroemission.eu](mailto:info@2zeroemission.eu)



PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

ACCELERATE THE DEVELOPMENT OF ZERO TAILPIPE-EMISSION ROAD TRANSPORT IN EUROPE WITH A SYSTEM APPROACH



*Life Cycle Assessment



PARTNERSHIP'S KEY PERFORMANCE INDICATORS

KPI NAME	UNIT OF MEASUREMENT	BASELINE	TARGET 2023	TARGET 2025	TARGET 2027	AMBITION >2027
RESOURCES (INPUT), PROCESSES AND ACTIVITIES						
Share of funding going to SMEs	%	TBD				TBD
IPR generated in funded projects	#	TBD				TBD
Events organised by the Association	#	TBD				TBD
OUTCOMES						
GHG of mobility of people and goods	tonCO ₂ eq /pkm or tkm and toe/pkm and toe/tkm	2020				Reduction of GHG and energy intensity of mobility by 30 % for personal mobility and 25 % for freight by 2030
Reduction of development time and effort		2020				Estimated 20 % decrease of development time and effort including via digitalisation
Improvement of charging efficiency demonstrated	%	2020				At least 25 % reduction of energy losses during charging (considering both charger and vehicle) by 2030 for all types of chargers
Number of (public and private) transport operators implementing zero-tailpipe business models and use cases for freight transport and people mobility	#	2020				30 passenger transport and freight transport and logistics use cases demonstrated in projects over the lifetime of the partnership
Reduction of CO ₂ emissions from road transport for all types of vehicles	% CO ₂ emission at fleet level	1990				Contribution to the overall target of 55 % reduction of CO ₂ emission in 2030 (public target)
Number of (publicly available) electric recharging and hydrogen refuelling stations available in the EU in 2030	#	2020				Contribution to achieve 3 m public charging points in 2030 (public target)



SYNERGIES WITH OTHER EUROPEAN AND NATIONAL INITIATIVES

SYNERGIES AMONG STAKEHOLDERS

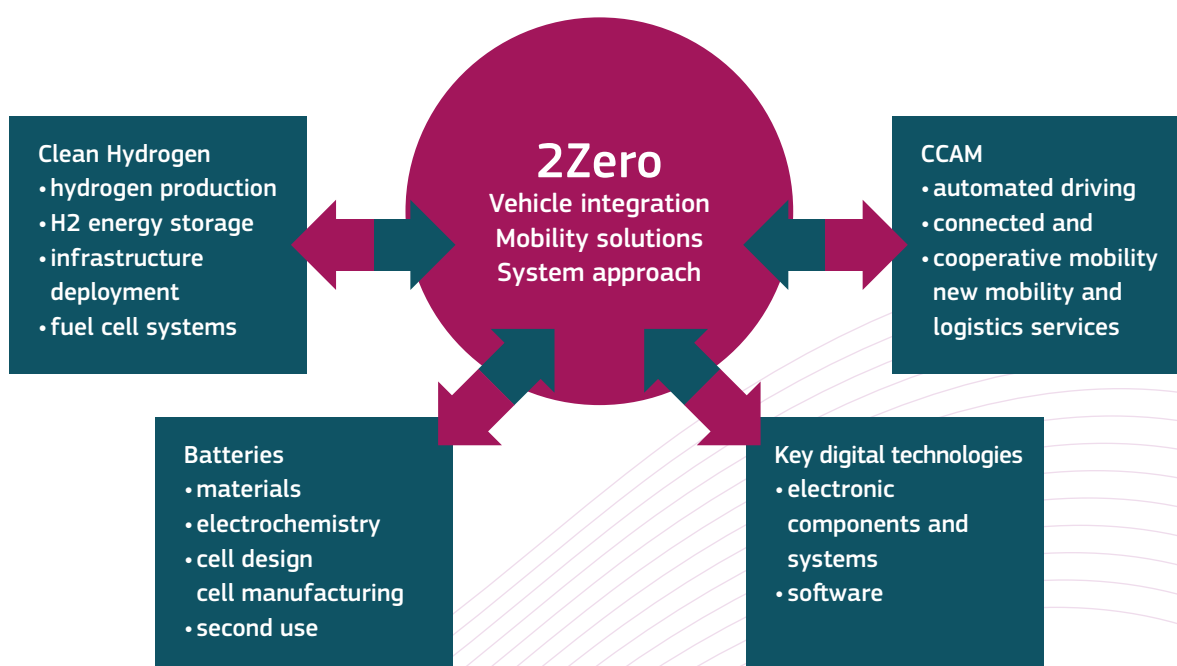
To implement a system approach, the 2Zero partnership extended its membership beyond the traditional automotive value chain and included new stakeholders, such as end users (both for freight transport and people mobility) as well as stakeholders from the energy sector such as major grid players. By involving roughly equal numbers of industry players and members from the research side, the 2Zero partnership is truly a success story of cooperation between different type of stakeholders, within projects, and at the overall partnership level.

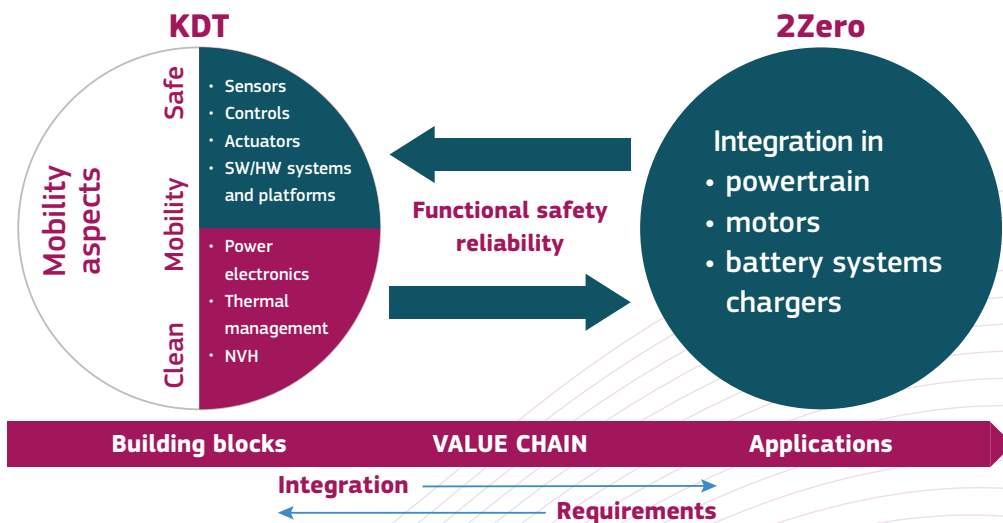
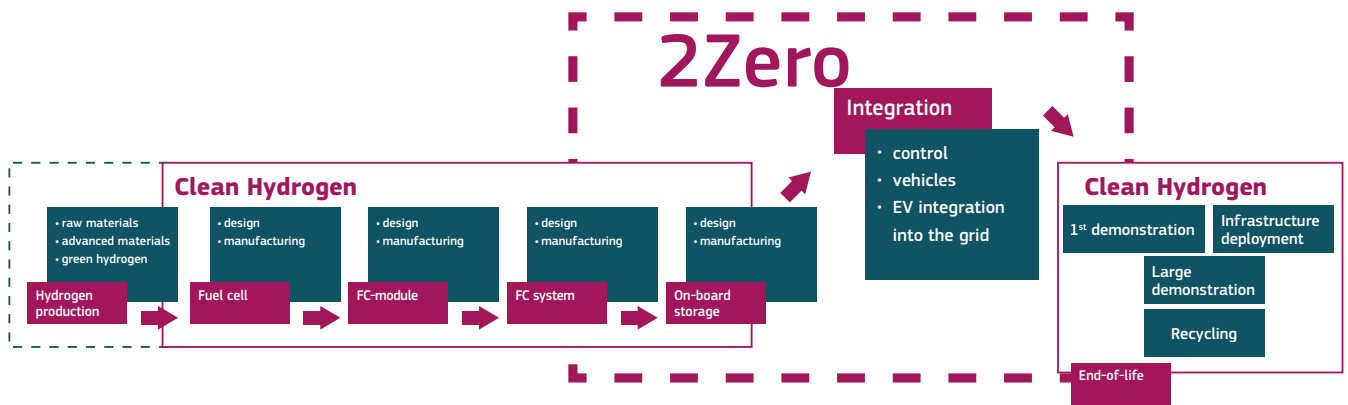
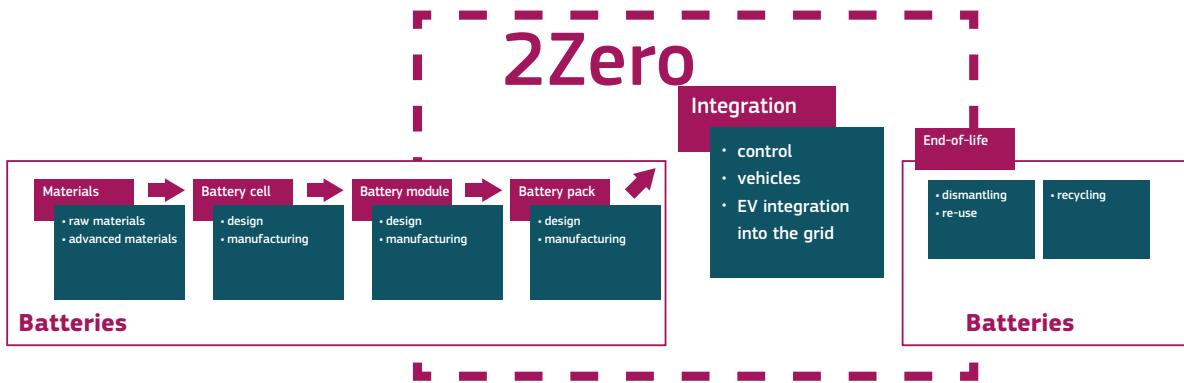
SYNERGIES WITH OTHER PARTNERSHIPS

The 2Zero partnership does not aim at working in an isolated silo; the coordination with other partnerships and sectors will be essential for success in the transition towards a carbon neutral road transport system. Specific attention will be paid to ensure constant links, exchanges of information and the integration of results of the enabling technologies partnerships, such as Clean Hydrogen, Batteries for Europe and the Key Digital Technologies. While these partnerships should develop the necessary building blocks, the 2Zero partnership will ensure a smooth and timely integration at the vehicle level. A close cooperation will also be established with the CCAM partnership to accelerate the transition to the 2030 mobility system (see images below).

SYNERGIES WITH MEMBER STATES

Acting at the European level is the main task of the partnership; however, a lot of initiatives also occur at the national level. The 2Zero partnership intends to rely on the soon to be launched States Representatives Group (SRG) to ensure a better alignment with the relevant national and regional policies and programmes. The main objectives will be to explore synergies, avoid duplication of funding and activities, and maximise the large-scale deployment of innovations supported by the 2Zero partnership to accelerate the transition to a carbon neutral road transport system.

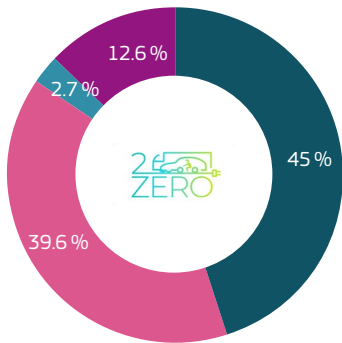






OVERVIEW OF MEMBERS

MEMBERS PER TYPE



- INDUSTRY** Other Industrial and/or profit Private organisation
- UNIVERSITY** University and other higher education organisations
- SMEs**
- OTHERS** Non-profit, associations, state companies etc.

GEOGRAPHICAL COVERAGE

