



MILE21
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MILE21 - LIFE

LIFE Info Day 2019
Warsaw, 19th April 2019

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MILE21 Technical coordinator

Project overview



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MILE21 – “More Information Less Emissions – Empowering consumers for a greener 21st century”

PROJECT LOCATION

Greece, Netherlands, Germany, Italy, Belgium, Portugal, Spain

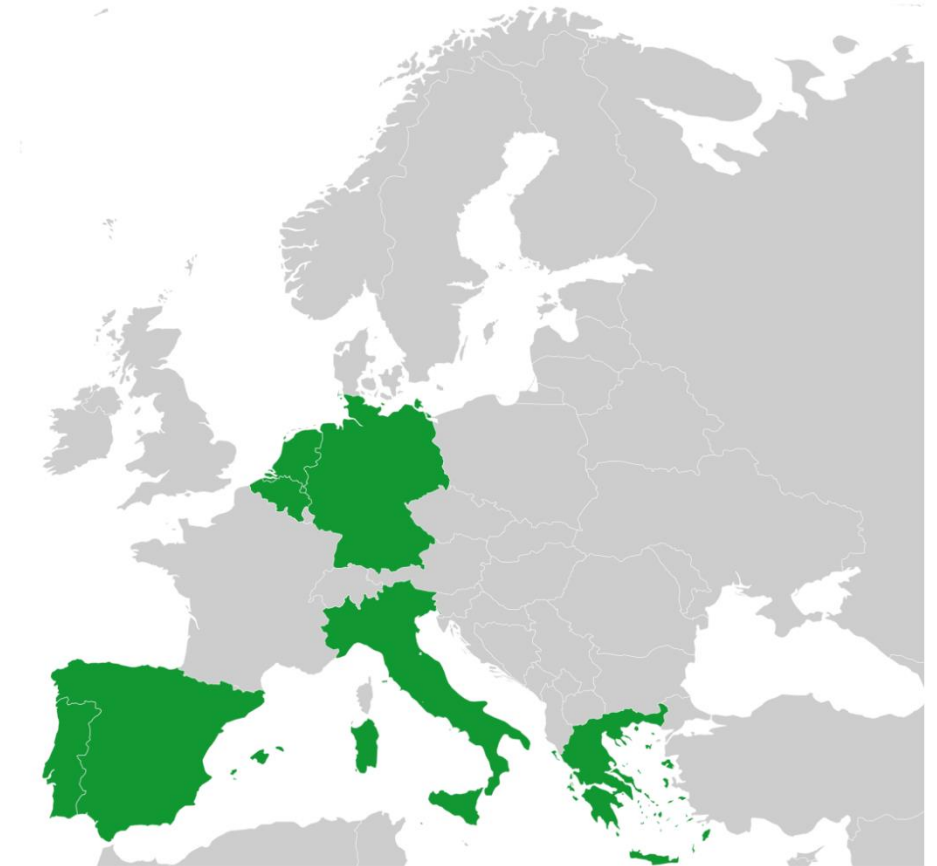
DURATION

01/09/2018 – 31/08/2021

PROJECT'S IMPLEMENTORS

Coordinator: Aristotle University of Thessaloniki

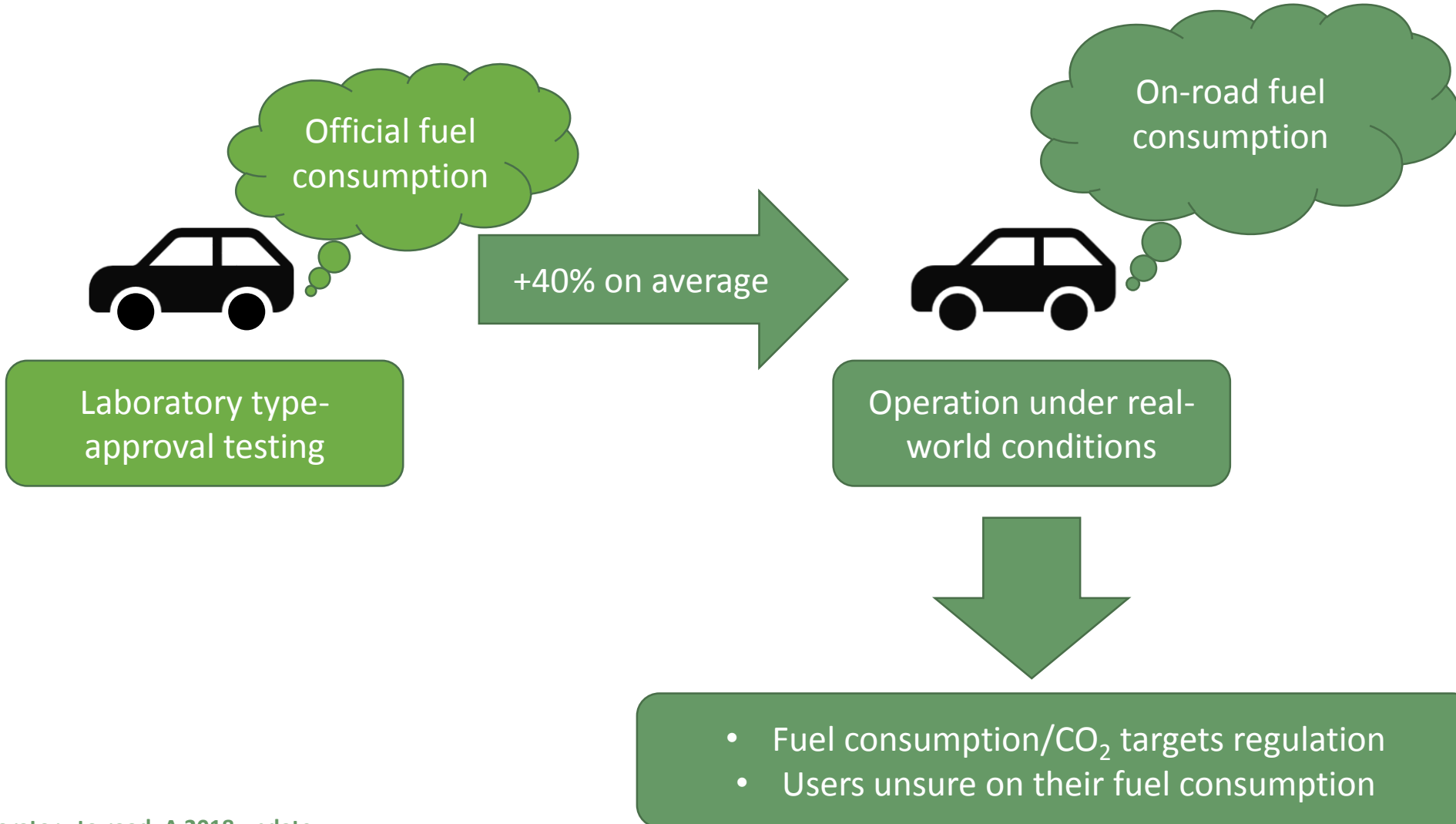
Associated beneficiaries: AE, ALTRO, DECO, EMISIA,
ICCT, OCU, TA, TNO



What is the issue?



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What is MILE21?



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A platform that aims to:

- a) inform users on the on-road fuel consumption
- b) collect data to monitor gap

Compare individual vehicle models

Fuel consumption (l/100 km)	Model A	Model B
Official	5.5	5.6
On-road	5.9	5.9

Provide on-road fuel consumption estimation

User fuel consumption self-reporting

Odometer (km)	Filled fuel (l)
23350	15
23656	20





How would it look like in the beginning?

The Environmental Protection Agency in the United States has a tool: the MyMPG

There are also relative tools in Europe like Spritmonitor.de.



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<p>Personalize</p>	<p>2019 Honda Insight X</p> <p>Hybrid Vehicle Gasoline</p>  <p>1.5 L, 4 cyl, Automatic (variable gear ratios) MSRP: \$22,830 - \$24,060</p>
<p>EPA Fuel Economy</p>	<p>Regular Gasoline</p> <p> 52 MPG combined city highway city/highway 1.9 gal/100mi</p> <p>Gasoline  551 miles Total Range</p>
<p>Unofficial MPG Estimates from Vehicle Owners</p> <p>Learn more about "My MPG" Disclaimer</p>	<p>Average based on 3 vehicles</p> <p>57.6 MPG</p> <p>53  64 Lo Hi</p> <p>View Individual Estimates</p>

After the expansion...



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European Commission
JOINT RESEARCH CENTRE
GREEN DRIVING - The Road to Fuel Economy

European Commission > JRC > GREEN DRIVING

HOME URBAN **RURAL** HIGHWAY SET YOUR ROUTE HELP

Segment & Fuel

SELECT SEGMENT

Fiat 500, Fiat Panda, Renault Twingo, VW Up!, Opel/Vauxhall Adam, Skoda Citigo, Smart Fortwo, Ford Ka, Hyundai i10, Peugeot 107, Toyota Aygo

Fuel/Type
Gasoline

Fuel price Euro/L
1.40

Electricity price Euro/kWh
0.20

Engine & Weight

Traction & Optionals

Journey & Passengers

Route selection

START LOCATION
Chopin Airport, Żwirki i W

DESTINATION
Warsaw, Poland

RESET ROUTE

ROUTE INFO
Length: 9.22 km
Duration: 21 Min 51 Sec

CO2 tailpipe emission RESULT

Message
This is the result for the A Car Segment, the Gasoline Fuel/Type and for 1 Passenger/s. Try to change the settings in the Segment & Fuel, Engine & Weight, Traction & Optionals and in the Journey & Passengers sections to find how to have a Greener Drive!

Fuel/Energy consumption
4.7 L/100km

CO2 tailpipe emission
112.8 g/km
1.02 kg for full route

Total Fuel/Energy cost
0.61 Euro (1.40 Euro/L)

Is the fuel consumption correct? Help us to improve the Green Driving Tool!

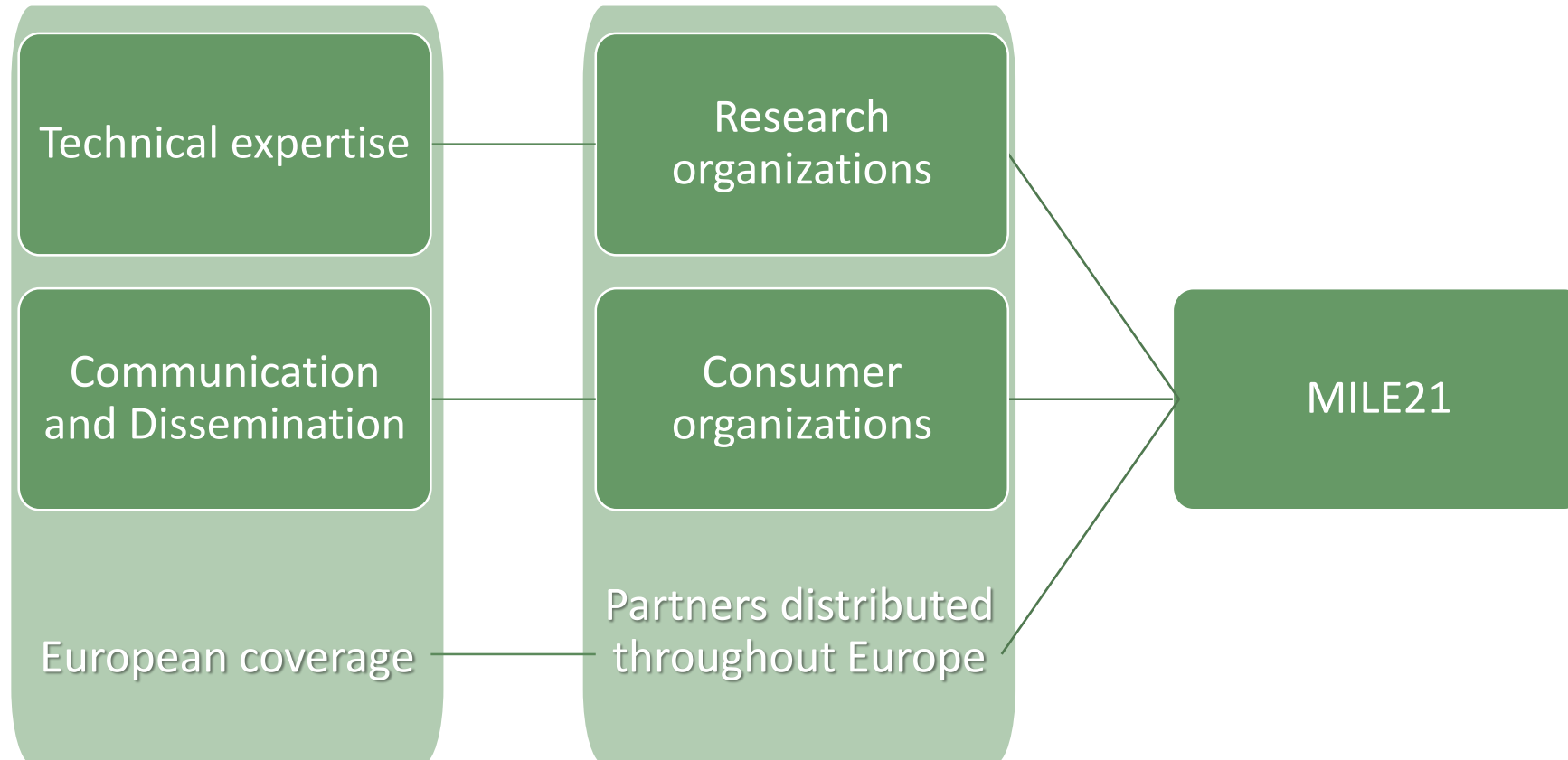
Add your fuel consumption data

Source: JRC
green driving
tool
<https://green-driving.jrc.ec.europa.eu/#/customerinterface>

How was MILE21 organized?



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MILE21 Beneficiaries



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Research organizations

AUTH
Greece

Emisia
Greece

ICCT
Germany

TNO
Netherlands

Consumer organizations

Altroconsumo Edizioni
Italy

Altroconsumo
Italy

DECO
Portugal

OCU
Spain

TA
Belgium

Role of monitoring expert



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Neemo is the Monitoring Expert of the MILE21 project. The Monitoring Expert assists the Coordinator in the implementation of the project, but the final decisions are taken by the European Commission/EASME.

- The Monitoring Expert role:
- Acts as an 'interface' between EC and projects
- Provides advice to projects on reporting, legal, administrative, technical, project management, communication, replication and other issues
- Spots problems before they arise
- Bound by a confidentiality and independence declaration

Advisory board



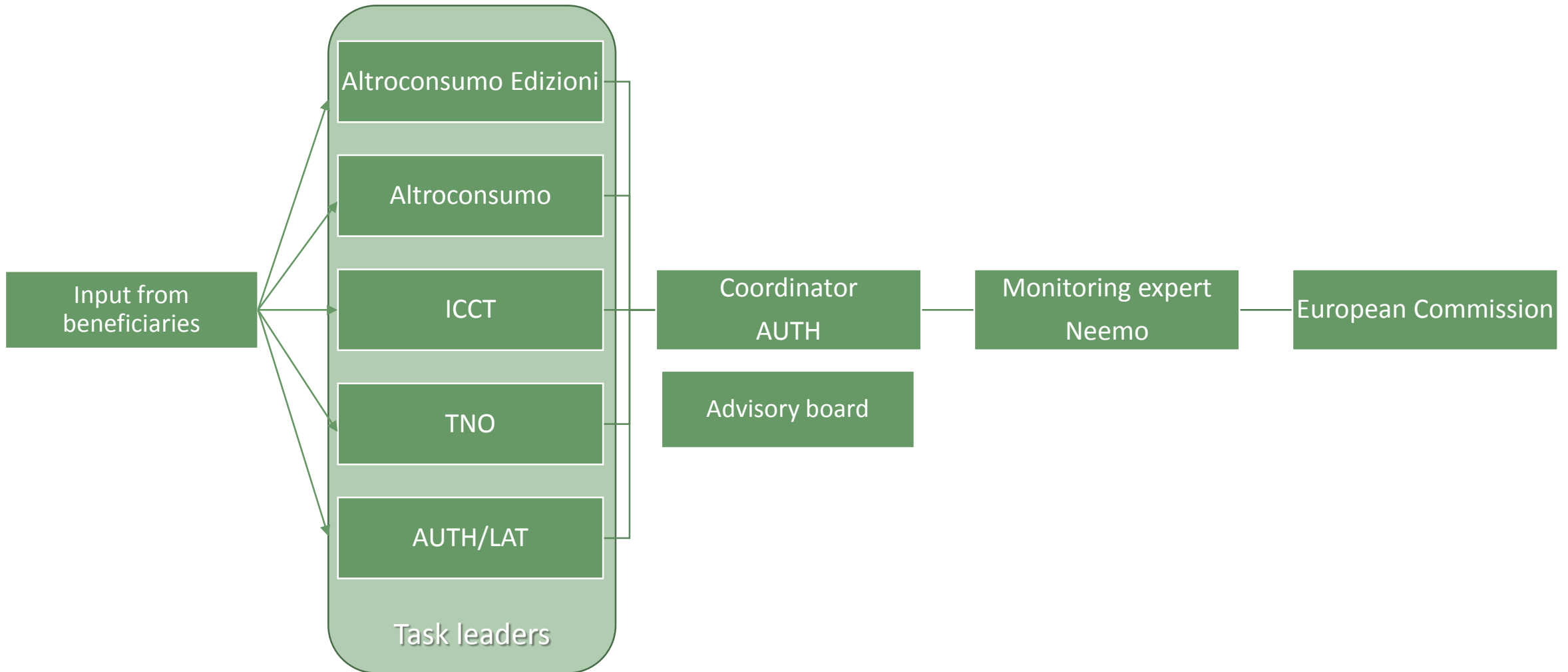
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- Joint Research Centre
- Deutsche Umwelthilfe e.V.
- FIA foundation
- Centre for Research on Regional Economics, Transport and Tourism
- PSA group

Organization chart



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Challenges



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- Significant number of partners
- Different backgrounds
- High number of sub-tasks

Communication!



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<https://openclipart.org/detail/99271/meeting>

First view of the beta website




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Empowering consumers for a greener 21st century




Get informed



General user

Are you curious about cars' real-world fuel consumption?


[READ MORE](#)



Informed user

Would you like to go into more depth on cars' real-world performance?

[READ MORE](#)



Expert user

Would you like to explore the engineering side of MILE21?

[READ MORE](#)



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Thank you!

Visit our website

www.mile21.eu