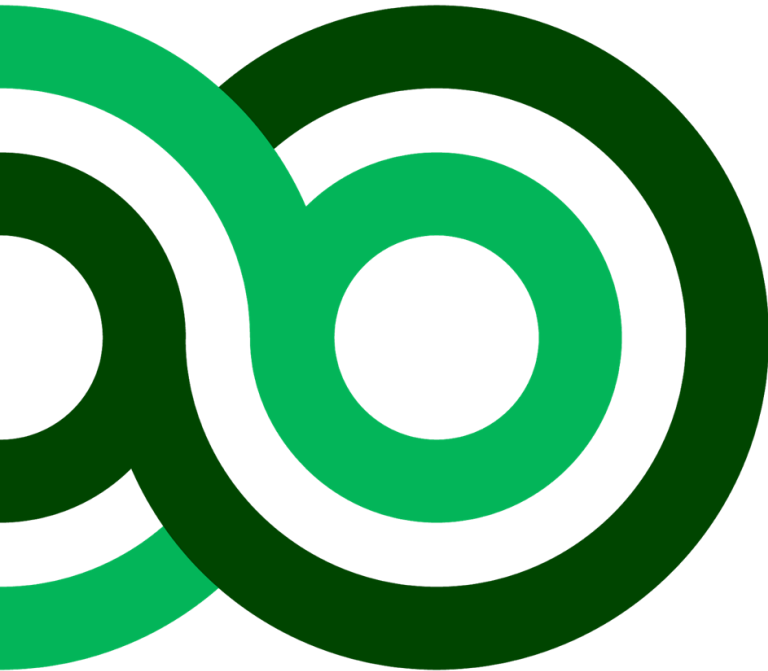


Transmitted by Green NCAP

Informal document **WP.29-183-19**  
183<sup>nd</sup> WP.29, 9-11 March 2021  
Agenda item 8.6



# Green NCAP

**Independent consumer test  
and rating program**

**Link to UNECE and next steps**

WP29 – 11 March 2021

# Members



*The GVI Project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 814794.*

# Need for Independent Consumer Rating Program



- Basis is strong and effective legislation
- Independent consumer test and rating program is complementary
- Independently verify advertised statements and commitments from industry
- Simplify legislative requirements where possible, add where deemed necessary
- Transparency of the chain test procedures - complex test results – scores - ratings
- Be quick and effective
- ‘Explain, explain, explain’ to consumers and all other stakeholders

# Overall Objectives

→ Provide comprehensive, simple rating information to consumers, fleet operators and other stakeholders

→ Stimulate real green cars to enter the market

→ Reduce Pollutant and Greenhouse Gas emissions

→ Restoring consumer confidence in test information



→ Spark competition among vehicle manufacturers

→ Transparency and making available detailed test result and analysis

# The Consumer Programme Thus Far

- Started in February 2019
- Operated by a consortium of 10 members and 10 test laboratories
  - Executive and administrative support by Euro NCAP
- Unique test procedures, assessment criteria and rating scheme
- 69 ratings published since the start
  - 20 vehicles sponsored by the members, pilot phase
  - 49 vehicles sponsored by European Commission and members
- Dedicated website, newsroom and social media channels

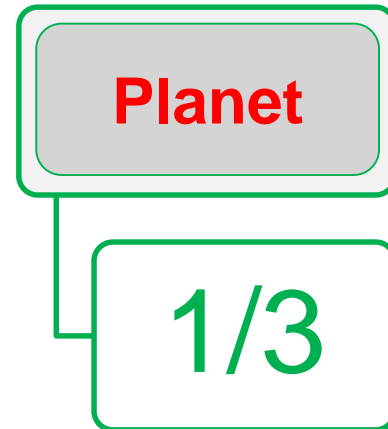
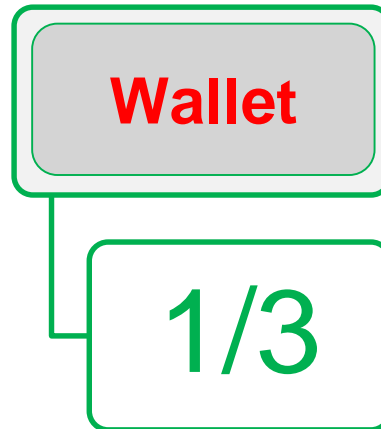
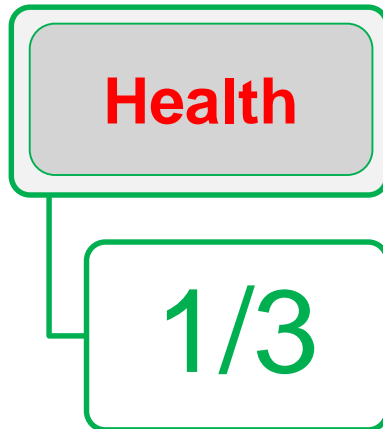


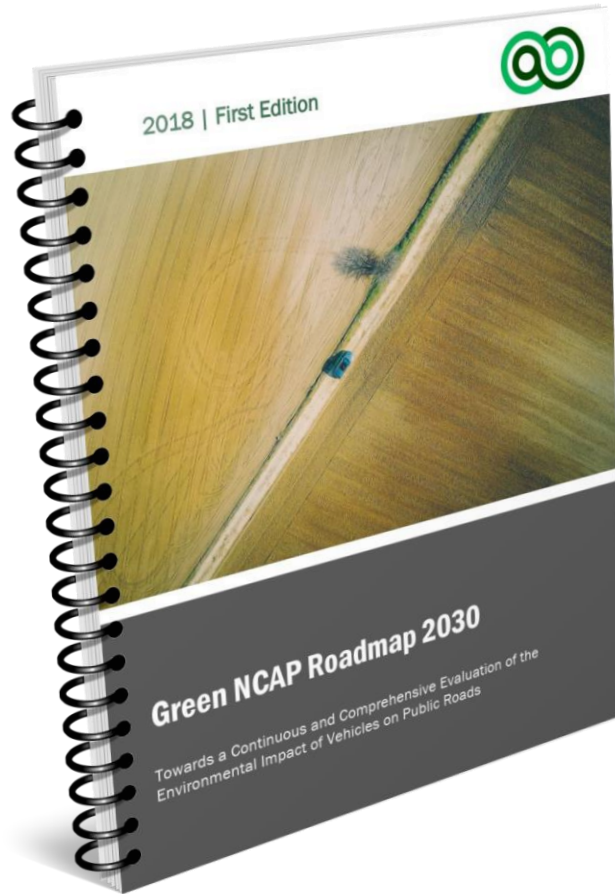
*The Green Vehicle Index (GVI) project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 814794.*

# Harmonisation with UNECE requirements

- WLTC+ and PEMS+ test procedures based on UNECE test procedures and requirements
  - Definitions based on UN Mutual Resolution No 2, UN GTR No 15 etc
  - WLTC+ test procedure based on 2<sup>nd</sup> EU implementation of UN GTR No 15
  - In general, Green NCAP will synchronize its test requirements as much as possible with UNECE test procedures and their amendments based on GRPE & WP29 decisions
- For some details there is a need for deviation and/or supplements
  - EU implementation of UNECE test procedures need to be expanded, e.g. EU non-regulated pollutant NH<sub>3</sub> and non-regulated GHG N<sub>2</sub>O deemed needed for Green NCAP rating
  - Simplification, e.g. complex gear shift instructions replaced with vehicle's Gear Shift Indicator

# Rating scheme 2021





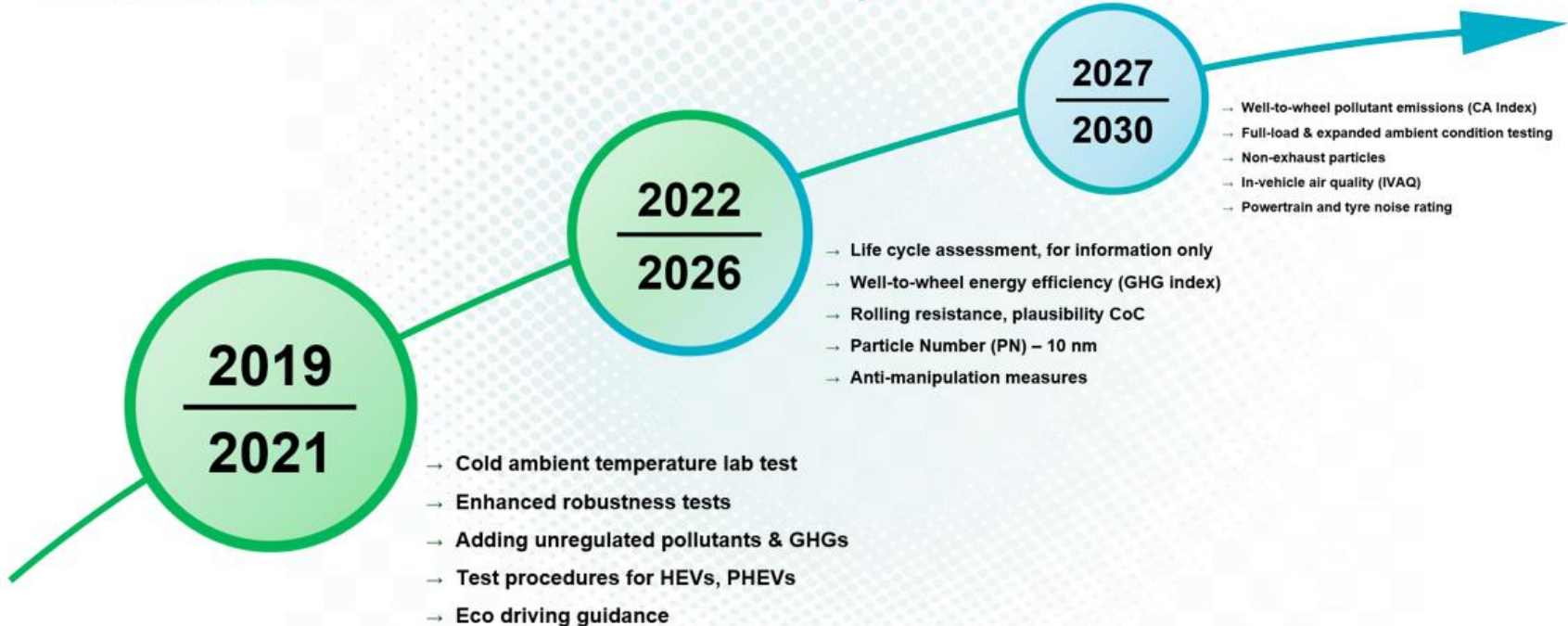
## Roadmap 2030

- First Edition released by the end of 2018
- Future steps to develop the programme further
- Based on stakeholder input
- Reviewed during the GVI project, taking into account latest developments and priorities
- Next version expected this summer



# Key Milestones

→ From Tank-to-Wheel to Well-to-Wheel and Life Cycle Assessment



# Upcoming Releases

- Quarterly releases for remainder of year 2021
  - Targeting July, September and November
- Tentative list of cars based on consumer interest, technology and sales
- Open to additional sponsorship



## Conclusions and recommendations

- Supporting Euro-7 emissions standard with vehicle test data from lab and road tests
- Closely following UNECE GRPE and WP29 developments and decisions, implement quickly
- Willing to collaborate with UNECE Contracting Parties, sharing knowledge and evidence
- International cooperation & knowledge exchange gathered through independent consumer testing of vehicle's environmental performance
- Recommendation to regular exchange information with all UNECE stakeholders



For more information:

- Please visit our website at: [www.greenncap.com](http://www.greenncap.com)
- Contact the Green NCAP secretariat: [info@greenncap.com](mailto:info@greenncap.com)