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on the basis of a decision  
by the German Bundestag

# Panel discussion 1

## GREEN PUBLIC PROCUREMENT

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*FINAL CONFERENCE OF THE EUKI PROJECT ALPE-  
ADRIA CLEAN TRANSPORT ALLIANCE - AACTA*

*27.6.2022.*

# INTRODUCTION

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- State of e-mobility in Montenegro
- Green Public Procurement
  - Legislation in Montenegro
  - Examples of Good Practice in Montenegro



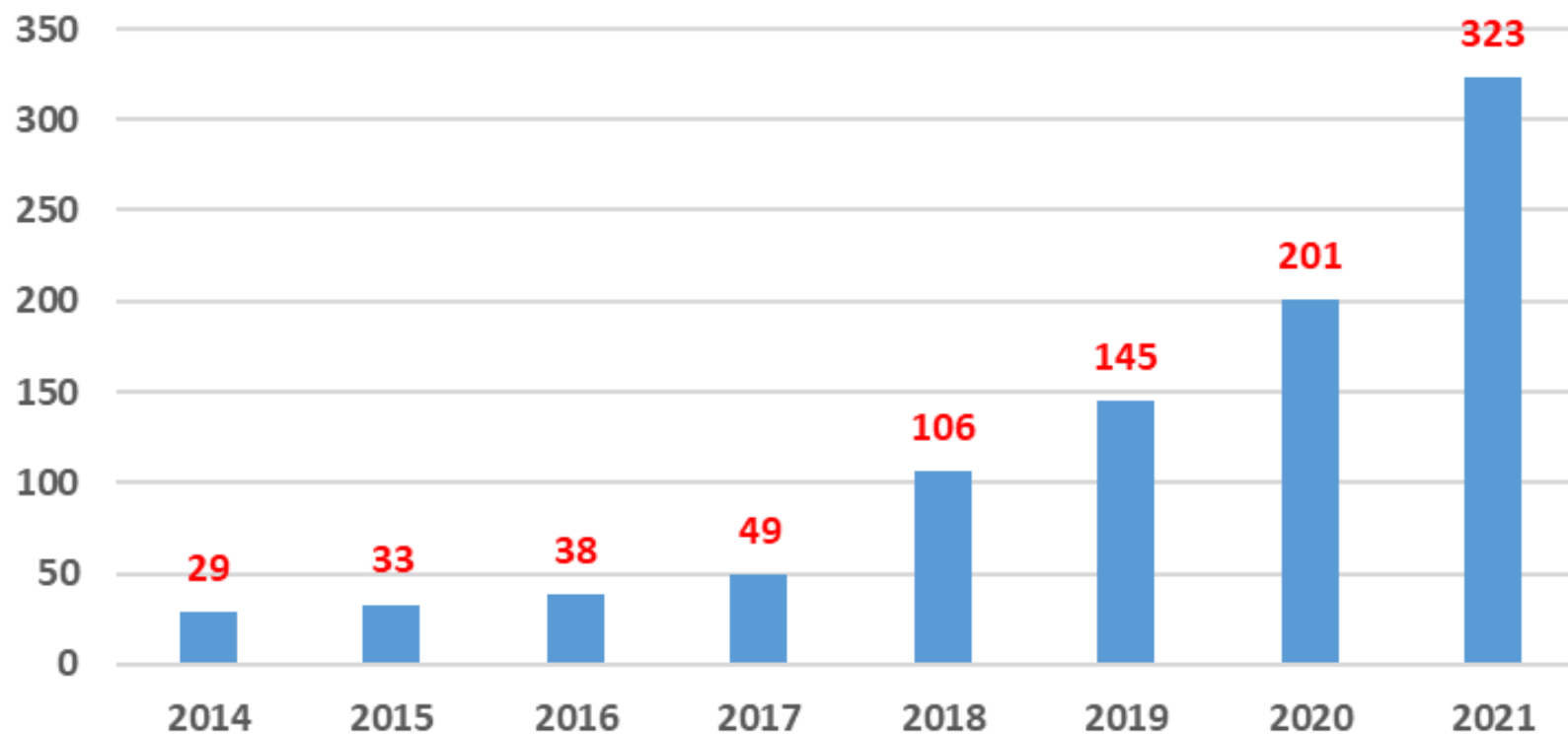


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## Number of registered electric vehicles in Montenegro



**323/250.907**

**=0,127%**

**122/1.435 in 2021**

**EV >8% new vehicles**





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# ECO FUND MNE

100.000€ BUDGET FOR 2021

5.000€ BEV – 10 VEHICLES

2.500€ HEV – 20 VEHICLES



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# ECO FUND MNE

200.000€ BUDGET FOR 2022

5.000€ BEV – 20 VEHICLES

2.500€ HEV – 40 VEHICLES



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# GREEN PUBLIC PROCUREMENTS





## Implementation of EE criteria in public procurement of vehicles



**Law on Public Procurement ("Official Gazette of Montenegro", No. 074/19 of 30.12.2019)**

*The principle of environmental protection, social and labor law and ensuring energy efficiency*

**Article 11, paragraph 2**

**The procuring entity is obliged to procure goods, services or works while ensuring adequate reduction of energy consumption, ie respect for the principles of energy efficiency.**



## Implementation of EE criteria in public procurement of vehicles



### EXAMPLE

If in the public procurement procedure PC we decide for a vehicle that consumes **11 / 100 km LESS** in relation to the vehicle of the second-ranked bidder, for every 100,000 km transported, it will consume 1,000 l of fuel **LESS**.



1,000 l x FUEL PRICE

(1.500 ÷ 2.000) €/100.000 km

(2.500 ÷ 4.000) kg CO<sub>2</sub>/100.000 km

CRITERIA ECONOMIC BEST OFFER + ENERGY EFFICIENCY



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# 2.000.000€ budget for 2022

# 3 x



+



Charging Station



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# 2.000.000€ budget for 2022

# 16 x







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## EV KOMŠO - Podgorica





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# TESLA



**PODGORICA**  
**Auto-taxi**  
**43 Electric Vehicles**

# 5%







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## ŽABLJAK





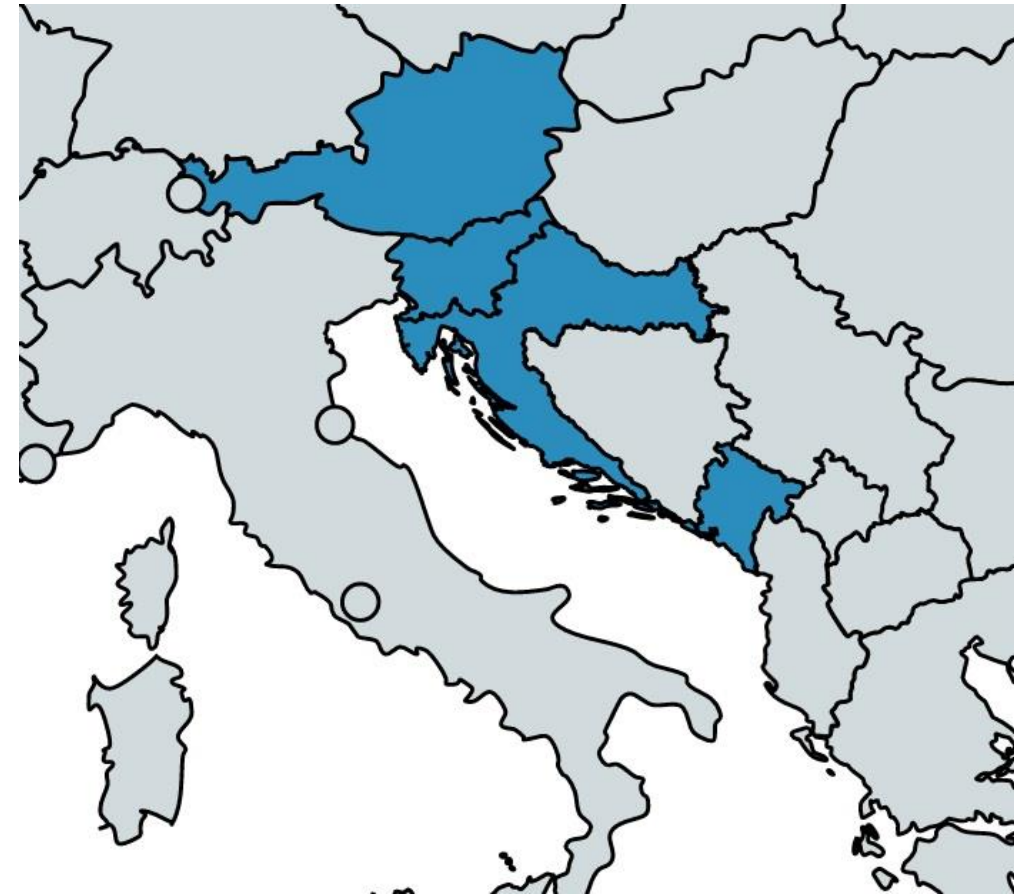
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**AaCTA**







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Noć Istraživača LIVE 27.11.2020. 18:00h - Svečano otvaranje i glavni program

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# Prona

## Eco-Ideahtlon 12.11.2021







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**Bolja i brže: Najbolje elektromobilnost i koji su trendovi...**

**Ziel:**

- 2025 bis 2030: 100% elektrifiziert
- 2030 bis 2035: 100% elektrifiziert
- 2035 bis 2040: 100% elektrifiziert
- 2040 bis 2050: 100% elektrifiziert

**Problematik:**

- Hohe CO<sub>2</sub>-Emissionen
- Hohe Luftverschmutzung
- Hohe Energiekosten
- Hohe Kosten für den Endverbraucher
- Hohe Kosten für die Betreiber

**CO<sub>2</sub> Ausstoß und lokale Emissionen:**

- CO<sub>2</sub> Ausstoß pro PKW: 120g/km
- CO<sub>2</sub> Ausstoß pro Bus: 120g/km
- CO<sub>2</sub> Ausstoß pro LKW: 120g/km
- CO<sub>2</sub> Ausstoß pro Flugzeug: 120g/km
- CO<sub>2</sub> Ausstoß pro Schiff: 120g/km
- CO<sub>2</sub> Ausstoß pro Zug: 120g/km

**Demografische Entwicklung:**

- Wachstum der Weltbevölkerung bis 2050 auf 10 Milliarden
- Wachstum der Weltbevölkerung bis 2050 auf 10 Milliarden
- Wachstum der Weltbevölkerung bis 2050 auf 10 Milliarden
- Wachstum der Weltbevölkerung bis 2050 auf 10 Milliarden





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## CONCLUSIONS

- **AaCTA project gave great results and helped decision makers to improve their knowledge in the e-mobility**
- **Funding**
- **Maintenance**





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**Thank you for your attention!**

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