

Interreg - IPA CBC



EUROPEAN UNION

Greece - Republic of North Macedonia

Green Inter-e-Mobility

Technical Work Packages Outline



ΠΑΝΕΠΙΣΤΗΜΙΟ
ΔΥΤΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ

Integration of Green Transport in Cities

Green Inter-e-mobility

- ***Four (4) technical WPs:***
 - ✓ Studies elaboration – WP3
 - ✓ Electric vehicles procurement – WP4
 - ✓ Construction of the charging-stations - Configuration of the bus stops - Installation of the communication systems – WP5
 - ✓ Pilot Use-Operation & Technical Evaluation of the integrated system – WP6

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- **WP3 – Studies elaboration:**
 - ✓ Determination of specifications for the electric vehicles (4 minibuses, 4 utility vehicles) **(until 28th Feb 2020)**
 - ✓ Studies for the 4 photovoltaic charging-stations (external parking-lots) for the electric vehicles & Tender Preparation for the procurement of the equipment for their construction and for the configuration of the bus stops. **(until 28th Feb 2020)**
 - ✓ Studies for the most efficient electric minibuses' route schedule (i.e. tourist-route, school-route) per Municipality **(until 30th Sep2020)**
 - ✓ Study for the Vehicle-to-Infrastructure (V2I) communication systems & Tender Preparation for their procurement **(until 30th Sep2020)**
 - ✓ Study visit in Paris **(January – February 2020)**

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- ***WP4 – Electric vehicles procurement***

- ✓ Procurement and supply of the 4 electric minibuses and the 4 utility electric vehicles (**until Dec 2020**)



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- ***WP5 – Construction of the charging-stations - Configuration of the bus stops - Installation of the communication systems***
 - ✓ Procurement of the equipment for the 4 photovoltaic charging-stations for the electric vehicles - Construction of these external parking-lots - Configuration of the bus stops **(until Dec 2020)**
 - ✓ Procurement & Installation of the communication systems **(until Dec 2020)**



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- ***WP6 – Pilot Use-Operation & Technical Evaluation of the integrated system***
 - ✓ Six-month pilot use and operation of the whole system of electric vehicles and charging-stations(**until June 2021**)
 - ✓ Tender Preparation & Procurement of the specialized equipment (instruments for the surveillance of the consumed energy, tracking of the e-vehicles, etc.) (**sixth milestone until September 2020**) &
 - ✓ Technical Evaluation of the whole system (i.e. installed charging-stations, route-network efficiency) (**final deadline until June 2021**)



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Thank you
for your attention

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