INSTITUTE METRON
ELECTRIC VEHICLE DEVELOPMENT

TRAJNOSTNI ENERGETSKI KROG

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SLO-PV

Ljubljana, 22. 09. 2016

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KDO SMO IN KAJ POČNEMO?



826 km z enim polnjenjem

16.Junija 2015 smo izboljšali lanskoletni rekord v dometu. V sklopu WAVE 2015 je Metron 7 peljal 826 km iz Berlina do Karlsruhe brez polnjenja s povp.hitrostjo 72 km/h.









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KAJ JE NAŠA VIZIJA?
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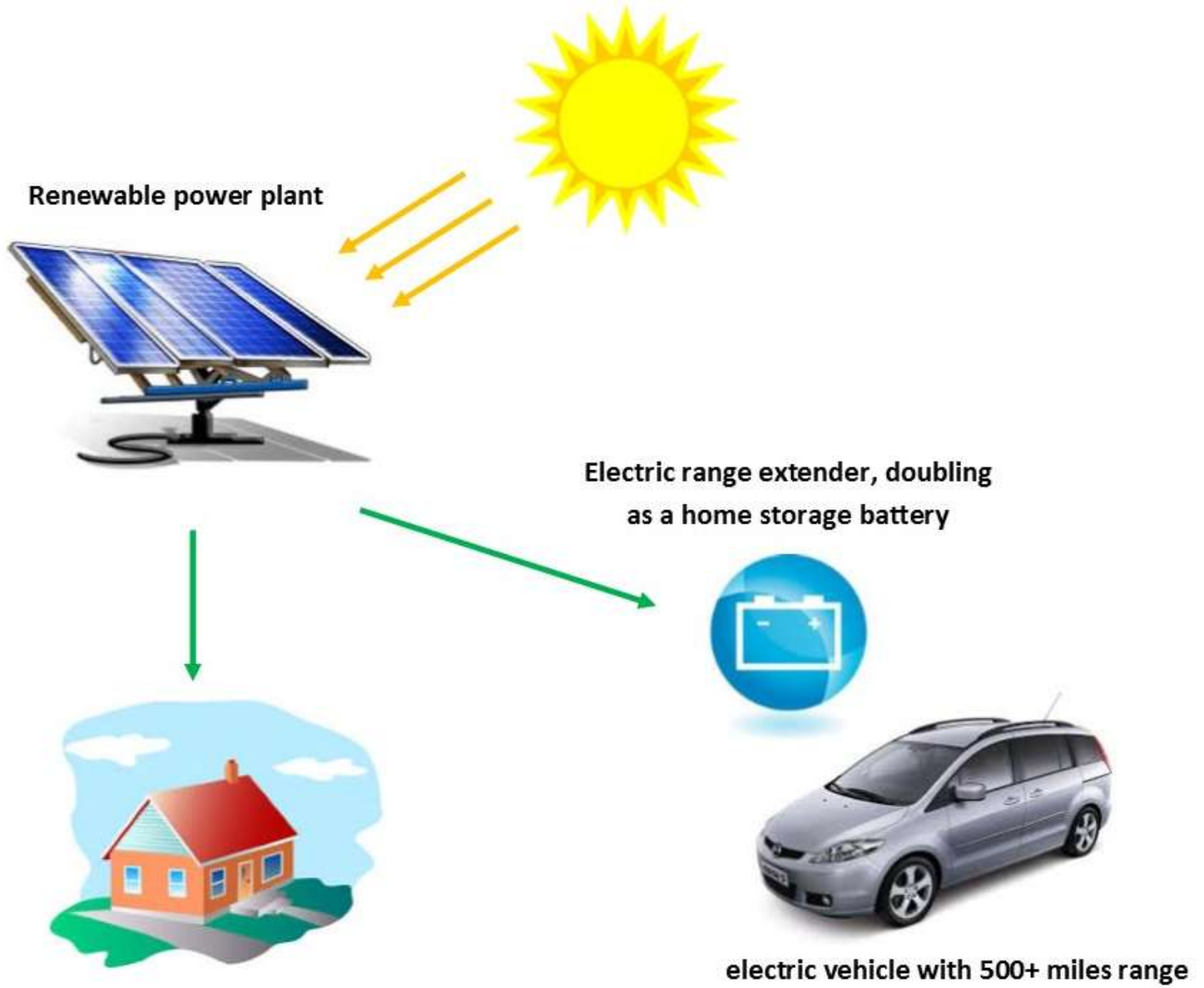

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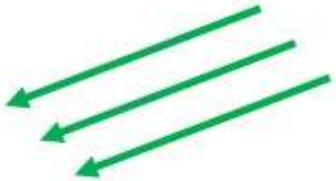
Renewable power plant



Electric range extender, doubling
as a home storage battery









electric vehicle with 500+ miles range

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WORLD TECNOLOGY AWARD
New York 19.-20.november 2015



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Potrebna energija: 25 kWh / dnevno

- Fiksni zalogovnik: 45 kWh
- Avtomobilski ERE: 20 kWh
- Prenosna polnilnica: 5 kWh
- Fotovoltaika: 8 kW
- Drugo življenje celic
- 3x3,5 kW + 4 kW 230 V
- Direktno polnjenje vozil
- Možen direkten vklop vozila v sistem



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PRENOSNA POLNILNA POSTAJA



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PRIHODNJI PROJEKT: SOLARNI KOMBI z dometom 1000 km

Domet: 500 + 500 km

Solarna streha: 1,2 kW

Solarni domet : do 60 km/dan

Baterija: 65 + 65 kWh

Končna hitrost: 160 km/h



Kjer je volja je tudi pot

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ZAKAJ SE TOLIKO UKVARJAMO Z MOBILNOSTJO?

... Če se bomo še kako destletje prevžali naokrog tako kot doslej....



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BOMO KONČALI TAKOLE!



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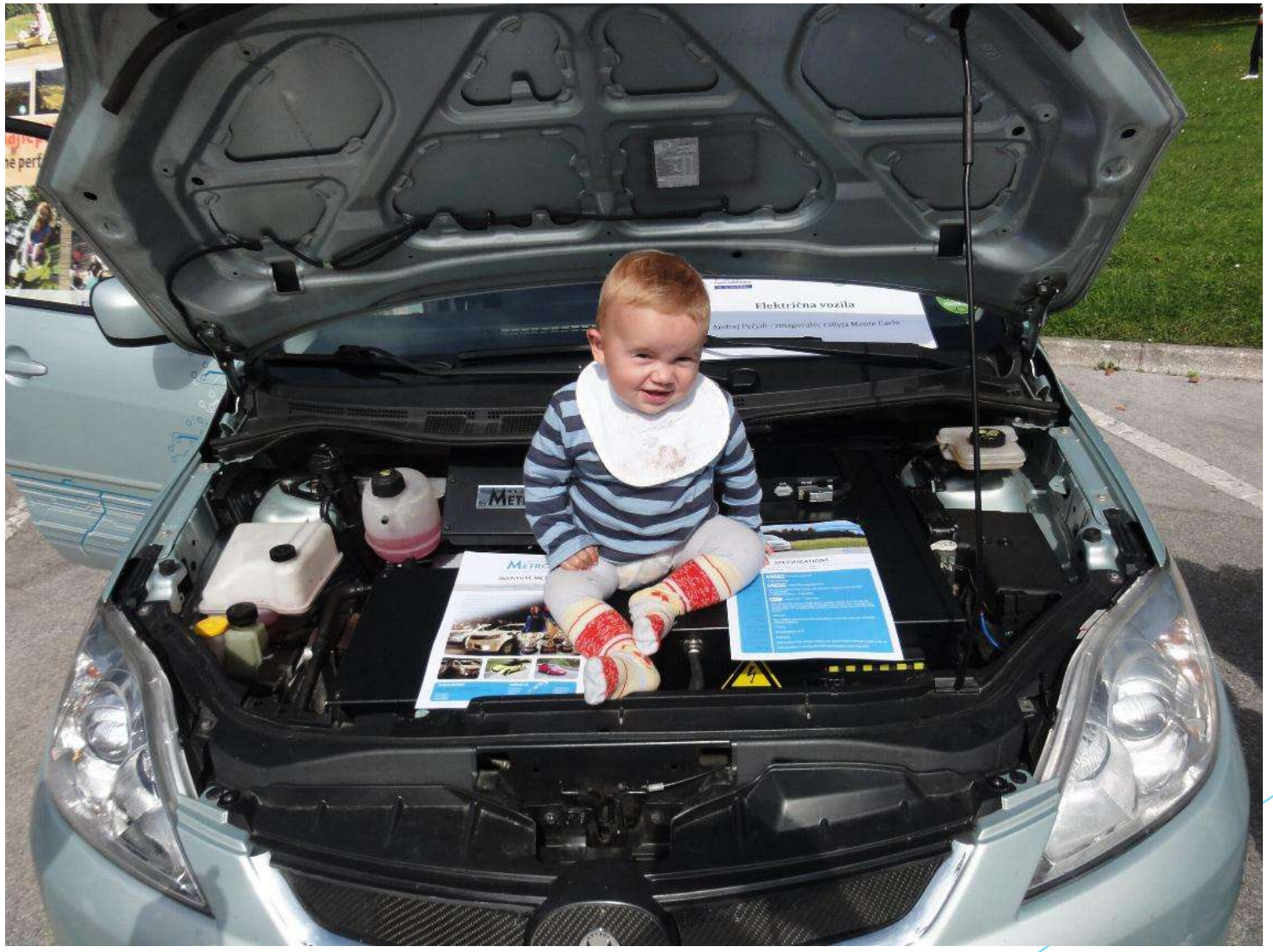
Še je upanje in upanje so mladi



Potrebna bo sprememba v glavah, ne tehnološka sprememba



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