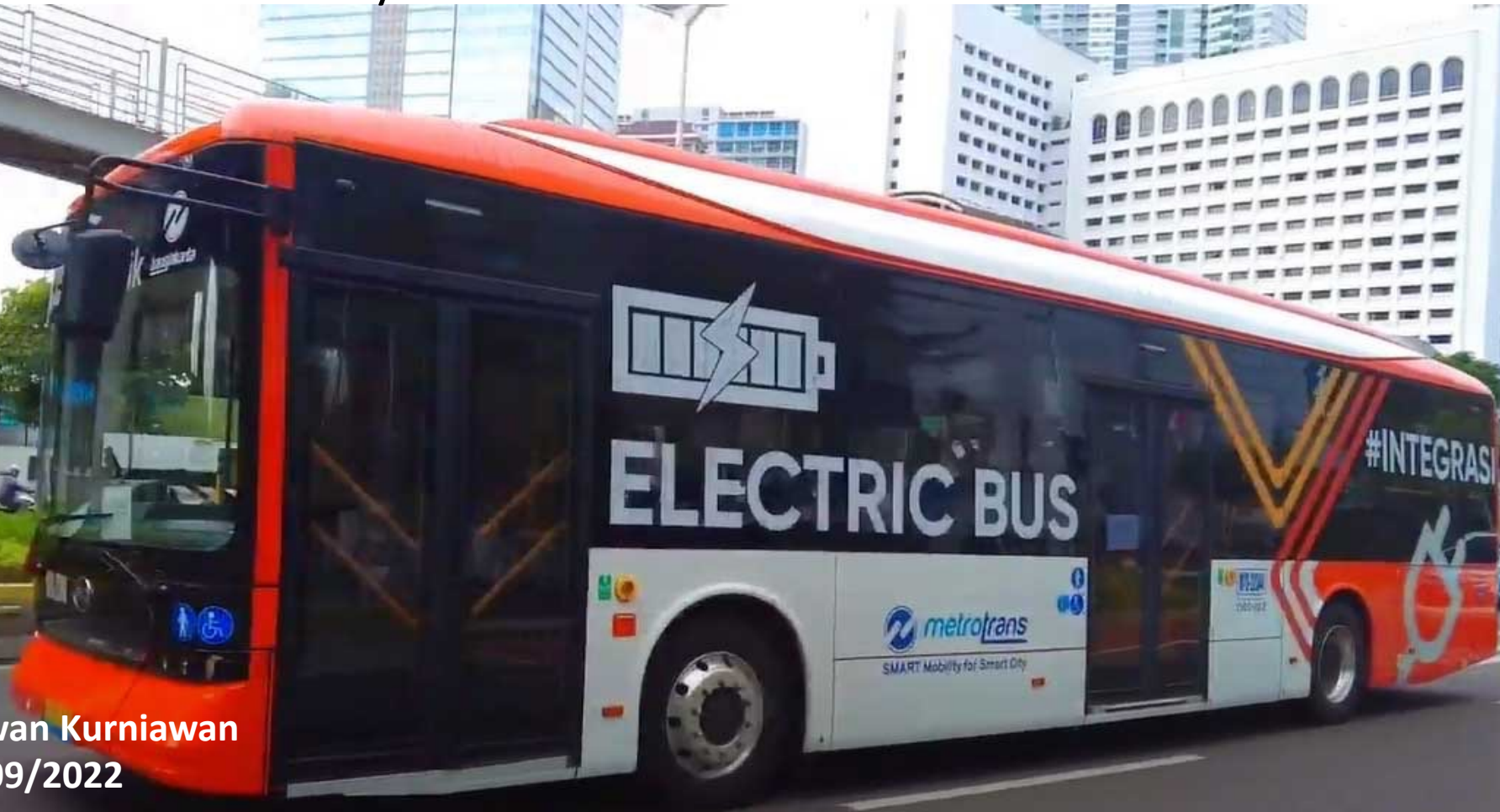




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Future Cities: UK-Indonesia Low Carbon Partnership

Powered by UK PACT



Ridwan Kurniawan
20/09/2022



British Embassy
Jakarta

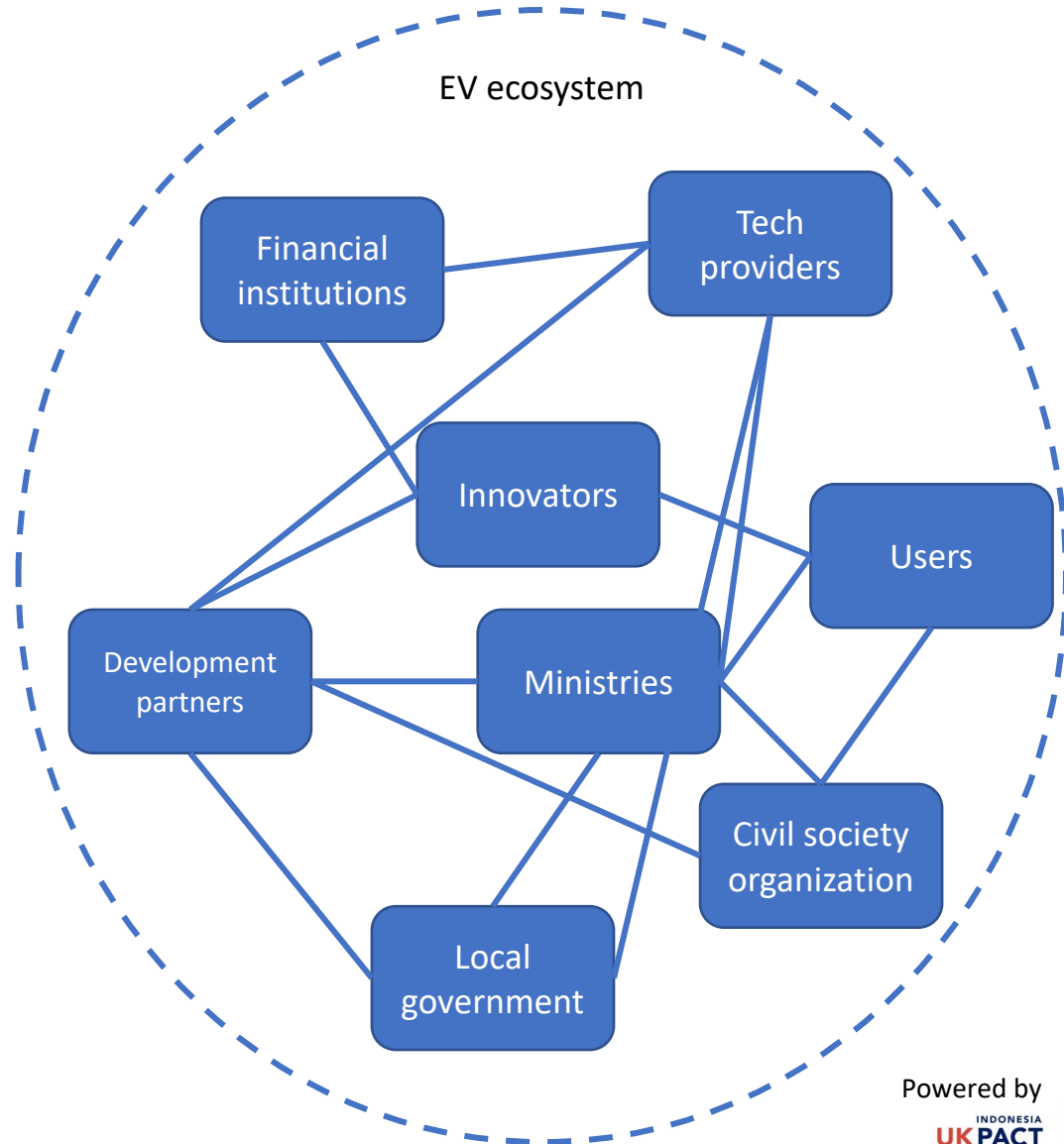
Future Cities as EV Ecosystem Strengthening Program

Future
Cities

Supporting
emerging niche
(e- bus)

Developing
enabling policy
recommendation

Capacity and
partnership
building



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Tactical Actions: Standing on the shoulders of giants

Supporting
Emerging
niche

Policy
recommenda
tion

Capacity &
partnership
building

Green Recovery
Challenge Fund

EUM 124

EUM 125

EUM 124 extension

Country Program

GHG Inventory
development

Policy
recommendations

Capacity Building

Skill Share and
Secondment

EV Toolkits with DKI
Jakarta

TfL trainings





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Supporting EV Niche Projects: Early findings



[Image source Link](#)



[Image source Link](#)

E-mobility on public transport in Indonesia

Sector gap

- Financing gap on opex cost
- Weak network with technology providers (e bus, electric trains, etc)
- Lower emissions than BAU (potential for carbon credit but need valid methodology)

Opportunities & collaborations

- Development partners strong interest to finance capex of the projects and preparing project preparatory TA
- Cooperation with “champion” interested with e-mobility public transport project
- Carbon credit as additional opex financing

EUM 124 phase 1 findings

- Shifting to EV microbus powered by PV reduces 70% GHG from BAU in 2030
- Large scale bus electrification only increased 1.39% electricity demand in 2030
- Project recommend five phases of electrification

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Terima kasih!

