Demonstration for Transformation:
Sustainable Urban Freight in Pasig City, Philippines

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EcoLogistics Cities: Front Runners in Sustainable Urban Freight Cities
Autonomy Digital
Joint Global e-Mobility Platform

SOL+ Demonstrations
• OUTCOME 1. Availability high quality e-mobility innovations is increased and integrated.
• OUTCOME 2. Conditions for enabling accelerated e-mobility uptake and integration are improved.
• OUTCOME 3. Local capacities relating to e-mobility are enhanced.
SOLUTIONS PLUS Pilot in Pasig City: Flexible E-Quad

The SOL+ demonstration in Pasig aims to test these technological solutions within the wider socio-technical landscape.
Technological solutions
- Locally-designed and assembled e-vehicle and charging solutions
- Based on user needs (operational and tactical); and wider goals of the stakeholders (strategic)

Business Models
- Systemic approach towards viewing the technological solutions that consider business model elements
- Direct engagement of local innovators, and partner entities at the local level

Integration Components
- Multi-purpose vehicle enables its usage in other applications: particularly point-to-point on-demand transportation
- Integration to operations of partners: user needs assessment; use of information-aided systems
- Capacity building

Scale Up
- Policy recommendations based on learnings from the demonstration
- Pre-feasibility analysis of scaling up scenarios
- Financing and funding strategies
Key Messages

• Situating such demonstration as a microcosm of the wider socio-technical systems is something to strive for to recognize the importance of different actors at different levels (including the private sector)

• Demonstrating benefits + capturing and articulating relevant challenges (e.g. through user needs assessment) and turning them into opportunities can accelerate the sustainable urban freight agenda

• Experiences and solutions from different parts of the globe can potentially work in emerging economies provided that these should be assessed for their appropriateness in specific contexts & tailored accordingly

• Overarching guidance, policies and regulations from national governments is crucial in enabling and accelerating the sustainable urban freight agenda at the local level (e.g. fiscal and non-fiscal incentives; national standards; urban freight-inclusive national frameworks)
Thank you very much!

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