

Climate-Friendly Cities and the Electric Jeepney

Closing the "green loop" in transportation

iCSC is bringing to Leyte the Climate-Friendly Cities initiative as a component of the RE-Charge Tacloban facility. Climate-Friendly Cities is an innovative program that connects sustainable transport services with efficient, clean energy generation.


This initiative supports local efforts to pull investments towards sustainable social enterprise by integrating energy efficient, low carbon transport programs and renewable energy generation. The initiative promotes the use of renewable energy to power public electric jeepney fleets.

This program has received several distinctions, among them the transport solutions prize in Discovery Channel's Ecopolis Program (2009) as "the best transport alternative that can save the world's cities from pollution," and the Grand Prize (2012) in the Inclusive Mobility Challenge project of the Rockefeller Foundation, the Ateneo School of Government and the Metro Manila Development Authority.

iCSC took on the challenge of closing the "green loop" in transportation when it launched the electric jeepney revolution in July 2007. We have since marked a series of milestones: the first domestically manufactured eJeepney (2008), the first official registration papers issued to electric jeepneys (2008), the first public routes dedicated to electric public transport, called the Makati Green Routes (2009), the first electric vehicle charging station (2009) and the first e-vehicle battery-swapping program (2011). iCSC formed the private consortium which received the first commercial eJeepney fleet franchise in 2012.

The Institute for Climate and Sustainable Cities or iCSC is a non-profit organization working on sustainable energy solutions and fair climate policies. With its Climate-Friendly Cities (CFC) initiatives, the iCSC has pioneered the introduction of eJeepneys and the move to integrate sustainable transport with renewable energy generation.

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E-Jeepney

Quick Reference (5kW) 14 Seater Model



Frequently Asked Questions

Q: What is the vehicle's maximum speed?
A: 60 kph

Q: What is the vehicle's climbing capacity?
A: 20 Degrees

Q: How many hours do you need to fully charge the batteries?
A: You need 6-8 hours to fully charge a set of batteries. With battery swapping, the process takes 15 minutes or less and the vehicle can again travel up to 100 kms once more.

Q: How far (in kilometres) can a fully charged set of batteries go?
A: 60Km

Q: How much does it cost to fully charge a set of batteries? (Cost of electricity)
A: P160.00

Q: Maximum speed by choice, for safety?
A: 40kph



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