



expand your mind.  
your market.

# Solar Electric Local Transportation

Affordable and  
Profitable Sustainability

**OSOL**

# local transportation characteristics

An aerial photograph of a very busy, narrow street in a developing city. The street is packed with people, many of whom are carrying goods on their heads or pushing carts. Numerous yellow taxis and small vans are visible, along with a few larger trucks. The street is lined with shops and stalls, some with awnings. The overall scene is one of intense activity and congestion.

- Lower speeds
- Defined areas
- People direct exposure to emissions

# The Clean Local Transport Solution

Leveraging the global growth of affordable light vehicles (3-wheelers) and its electrification

- Zero emissions in congestion
- Solar charging without dependence on grid
- People participation in production of transport energy (small business opportunity)



**OSOL**

# Extending the Range Limit of Electric vehicles with Charging Spare Batteries Offline

## **OSOL** Solar Home Charging Unit



To Vehicle  
Owner

Batteries Rental for assured  
performance and affordability

## **OSOL** Solar Instant-Recharge Station



To Local  
Entrepreneur



# Target Applications

## Mini Taxis



Effective complement to collective transport by reaching narrow roads and off-route destinations

Charged at home  
Or  
Set locations

## Goods Delivery



High efficiency Last-mile distribution and delivery, due to low vehicle weight and access to narrow roads

Charged at Distribution Centres or Garage

## Waste Collection



Flexible and high frequency collection, with potential integration to **waste2electricity** systems

Charged at Garage