



# Bayon

in Angkor World Heritage Park of Cambodia

# ECO MOBILITY

REDUCE IMPACTS ON ANGKOR WHILE PRODUCING A POSITIVE VISITOR EXPERIENCE



## Pure Electric Reumork

The e-Reumork (Electric Tuk-Tuk) was first introduced into Siem Reap and Angkor Park in 2014. It uses one electric in-wheel motor for propulsion and has no gasoline engine.

The driving distance of e-Reumork is over 60km on a fully charged lithium-ion battery. The driving cost of the e-Reumork is approximately 1/5 that of a gasoline based Reumork.

The e-Reumork will introduce a new value to Angkor Tourism improving passenger comfort and increasing accessibility inside Angkor Park and Siem Reap City.

## Partnership for Survey



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## A modern approach

To keep a suitable number of Reumorks operating in Angkor Park, the fleet operation control shall be set up as the public transport service to reduce air pollution, traffic congestion, and provide a more convenient mobility environment to international tourists.

The fleet operation service using e-Reumork will be developed and operated by a Japanese JCM Team using advanced IT related technologies. Furthermore, an NGO controlled by the Royal Government of Cambodia will be organized to provide this fleet operation service in Siem Reap for the foreseeable future.

### **Five times more for driving cost saving**

**120km per 1 USD by e-Reumork**

**22km per 1 USD by Gasoline Reumork**

## Current operation

The Reumork (Tuk-Tuk) is a very unique and popular Para-Transit vehicle in the world - having a motorcycle to pull a Khmer designed cabin. All travelers want to ride on this Reumork to enjoy the Angkor experience in the rarified air of Angkor Park.

Many Reumorks (Tuk-Tuks) run day and night by freelance drivers in Angkor Park and Siem Reap City today. The Reumork is the main public transport service in the country for tourists and visitor arrivals, so that the number of Reumorks consists of over 5,000 units in this region alone.

IDEA (Independent Democracy of Informal Economy Association) supports about 1,000 Reumork drivers with advocacy service, safety driving training, and hospitality improvement activities in Siem Reap Province. CCDA (Cambodia for Confederation Development Association) also organizes many Reumork drivers.

## Key points

Target-generated objectives for “Eco Mobility” as following key points are examining and making solutions by Japanese JCM (Joint Crediting Mechanism) Team in 2014;

- **Reduce negative impacts on Angkor Heritage Park.**
- **Improve the Angkor tourism experience with better mobility and less congestion.**
- **Social contributions for current Reumork drivers are lower fuel costs and higher income.**

A carefully conducted and fruitful survey for “Eco Mobility” has been executed by a Japanese JCM Team in cooperation with IDEA, CCDA, APSARA Authority, and the Siem Reap Provincial Government in 2014.



*Today the Angkor sites are facing serious continuing damage from transportation exhaust and acid rain. In the Angkor region, many tourist vehicles using diesel/gasoline as their fuel have been traveling the site area and polluting the environment.*