

# SPONSORSHIP PROPOSAL

# **WIDYA WAHANA V**

TOUR DE JAVA BALI

A contribution of ITS in the development of  
a solar-powered car



According to the ITS vision, to become an international university of science and technology to support environmentally sustainable industry.

ITS is committed to contribute actively to finding solutions to problems concerning the limitations of fossil energy sources. Proven by the success of ITS create a solar-powered vehicle with no emissions, named Widya Wahana V.

And to test the performance of Widya Wahana V before competing in the World Solar Challenge in Australia in 2015, we will hold the Tour de Java Bali.





## SPONSORSHIP

Widya Wahana V attends to answer the challenges of electric car technology, which is hampered by distance and infrastructure.

***Through cooperation with our sponsorship, your company will be known as the company who care about the world's energy crisis and support the work of the nation.***

We believe this partnership can be a problem solver's energy through solar power car innovation.



# GAMBARAN UMUM *TOUR DE JAVA BALI*



Tour de Java-Bali is  
Widya Wahana V trip rides,  
City Car concept cars (2-seater),  
with 100 percent solar power  
from Jakarta to Denpasar, Bali.

Tour de Java-Bali aims  
to test the performance of  
Widya Wahana V  
before the race  
At the  
World Solar Challenge 2015.

Activities Tour de Java Bali  
will be Held on:

**Day / Date**

On August 17th 2015

This activity is divided into three sessions,  
namely

1. Launching Event Tour de Java Bali
2. Day Prepare
3. Tour de Java Bali

**Place**

Start : Jakarta

Finish : Denpasar, Bali



### GENERAL INFORMATION

Dimension (m) : 4.5 x 1.8 x 1.1 (L x W x H)  
 Weight (kg) : 120 (excl. driver)  
 Maximum Speed (kph) : 130  
 Motor : Single WD Brushless Hub Motor  
 (98%) 2000 Watt  
 Smart Controller with Real Time Operational System

### TARGET

10 besar dunia  
 World Solar  
 Challenge 2015

**SOLAR ARRAY**  
SOLBLEN FLEX SP 100

ELECTRICAL CHARACTERISTICS	
Peak Power (at 25°C) / Pmax	120 W
Rated Voltage / Vmp	22.2 V
Rated Current / Imp	5.3 A
Open Circuit Voltage / Voc	25.1 V
Short Circuit Current / Isc	6 A
Temp. coeff. Pmax	-0.26%/°C
Temp. coeff. Voc	-0.23%/°C
Temp. coeff. Isc	0.05%/°C

PHYSICAL CHARACTERISTICS	
Length	1000 mm
Width	500 mm
Thickness	2 mm
Weight	2.4 kg
Num. of cells	48



### BATTERY PACK

Panasonic NCR 18650B  
 Battery Cell Li-Ion 3.4 Ah  
 Nominal Voltage (V) 3.6 v  
 Energy (Wh) 12.2 Wh  
 Energy Density (Wh/L) 730 Wh/L  
 Charging Voltage (V) 4.2 V  
 Weight (g) 45 g



### Aerodynamic Body

More Aerodynamic

### Chassis

Lighter than Sapuanji Surya



### MOTOR

Brushless Hub Motor  
 Rate Power 2000 Watt  
 (98%)





### ***IQUTECH***

This is an Electric Control Unit that has a function for engine work optimization, either injection system or ignition control



### ***MOLINA (EZZY ITS I & II)***

The four seater type Electric Car, that first made in Indonesia.



### ***LOWO IRENG SUPER CAR***

This the First Super Car is made in Indonesia, based on its name, this sporty car have a design resemble to black bat (Lowo Ireng).



### ***TOUR DE JAVA***

The trips of Four cars Made by ITS, namely, EZZY ITS 1 & 2, Lowo Ireng Super Car and Sapu Angin Surya surround the island of Java.

# SPONSORSHIP PACKAGE

Kontraprestasi	Main Sponsor	Platinum	Gold	Silver	Bronze
Logo pada Solar EV	✓ XXL	✓ XL	✓ L	✓ M	✓ S
Logo pada Mobil Pendukung	✓ XXL	✓ XL	✓ L	✓ M	✓ S
Logo pada Seragam Tim	✓ XXL	✓ XL	✓ L	✓ M	✓ S
Logo pada Website Resmi Tim	✓ XXL	✓ XL	✓ L	✓ M	✓ S
Logo pada Media Publikasi Cetak	✓ XXL	✓ XL	✓ L	✓ M	✓ S
Logo pada Media Publikasi Tim	✓ XXL	✓ XL	✓ L	✓ M	✓ S
Nama perusahaan akan menjadi nama event	✓	-	-	-	-
	Rp. 500.000.000,-	Rp. 300.000.000,-	Rp. 200.000.000,-	Rp. 100.000.000,-	Rp. 50.000.000,-

## SPONSORSHIP PACKAGE

## ALTERNATIVE SPONSORSHIP

	Rp. 15.000.000,-	Rp. 25.000.000,-	Rp. 30.000.000,-
Logo pada Website Resmi Tim	Optional*	Optional**	Optional***
Logo pada Media Publikasi Tim	Optional	Optional	Optional
Logo pada Mobil Pendukung	Optional	Optional	Optional
Logo pada Solar EV	Optional	Optional	Optional
Logo pada Seragam Tim	✓	✓	✓

Optional\*

: Berhak memilih 1 dari 4 opsi sponsorship alternatif dengan ukuran S.

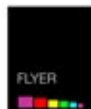
Optional\*\*

: Berhak memilih 2 dari 4 opsi sponsorship alternatif dengan ukuran S.

Optional\*\*\*

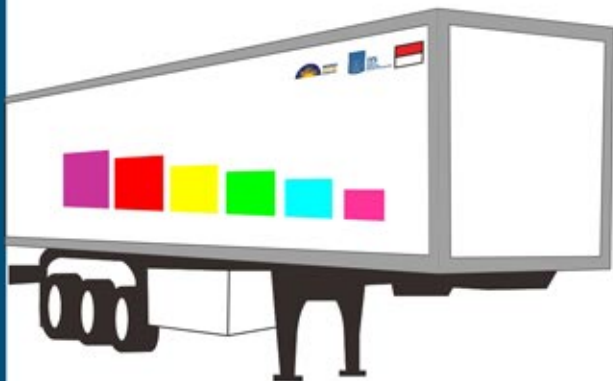
: Berhak memilih 3 dari 4 opsi sponsorship alternatif dengan ukuran S.





LOGO  
APLICACION

# LOGO APPLICATION



- 1** Publication of your company will be more in line with the magnitude of publications on Widya Wahana V.
- 2** Publication of the company through the official website of ITS Solar Car with as many as 40 890 the number of visitors from 50 countries.
- 3** our company logo will be on the car body Widya Wahana V and truck trailers
- 4** Your company logo will be on the team attributes.

## BUSINESS STAFF

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Gedung Riset Mobil Listrik

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(Sebelah TK Sepuluh Nopember)

Institut Teknologi Sepuluh Nopember

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ITS Solar Car Racing Team



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