

# Introduction of Smart Community in Binh Duong Province in the southern key economic hub of Vietnam



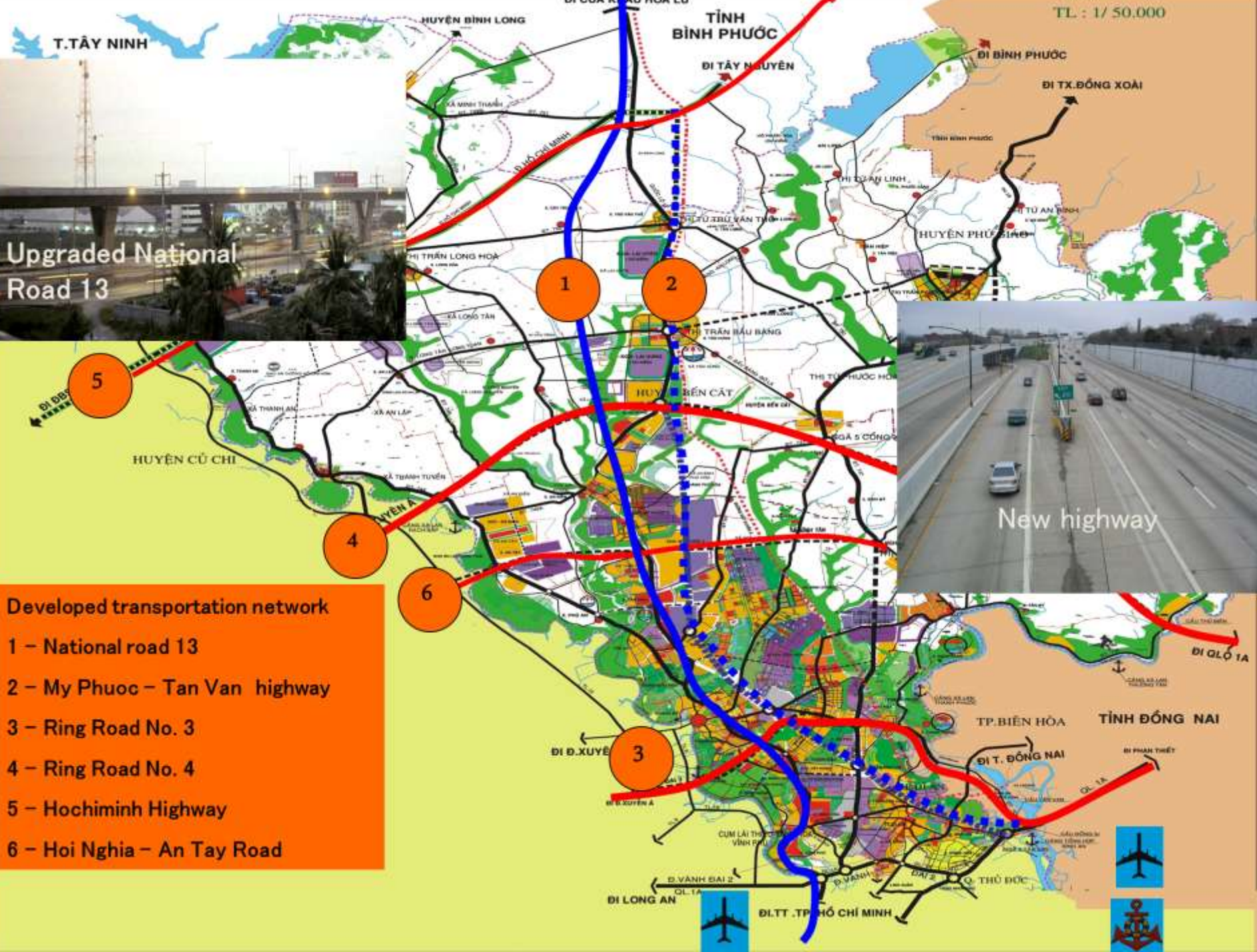
2015

Becamex IDC Corp.

# Introduction of Binh Duong Province



- ❖ Area: 2,695,5 Km<sup>2</sup>
- ❖ Industrial area: more than 15, 000 Ha
- ❖ Industrial parks: 28
- ❖ Population: 2,000,000  
(60% is labor population)
- ❖ GDP growth: 14.5%
- ❖ Domestic investments:  
12,000 projects  
Capital amount US\$6 billion
- ❖ Foreign investments: 2,200 projects  
Capital amount US\$ 18.5 billion  
from 34 countries and area of the world



T. TÂY NINH

HUYỆN BÌNH LONG

TỈNH BÌNH PHƯỚC

TL : 1/ 50.000

ĐI TÂY NGUYÊN

ĐI BÌNH PHƯỚC

ĐI TX. ĐỒNG XOÀI

HUYỆN PHƯỚC SÀI

Upgraded National Road 13

New highway

Developed transportation network

- 1 – National road 13
- 2 – My Phuoc – Tan Van highway
- 3 – Ring Road No. 3
- 4 – Ring Road No. 4
- 5 – Hochiminh Highway
- 6 – Hoi Nghia – An Tay Road

ĐI Đ. XUYÊ

Đ. VÀNH ĐAI 2

Đ. LONG AN

Đ. TT. TP. HỒ CHÍ MINH

TP. BIÊN HÒA

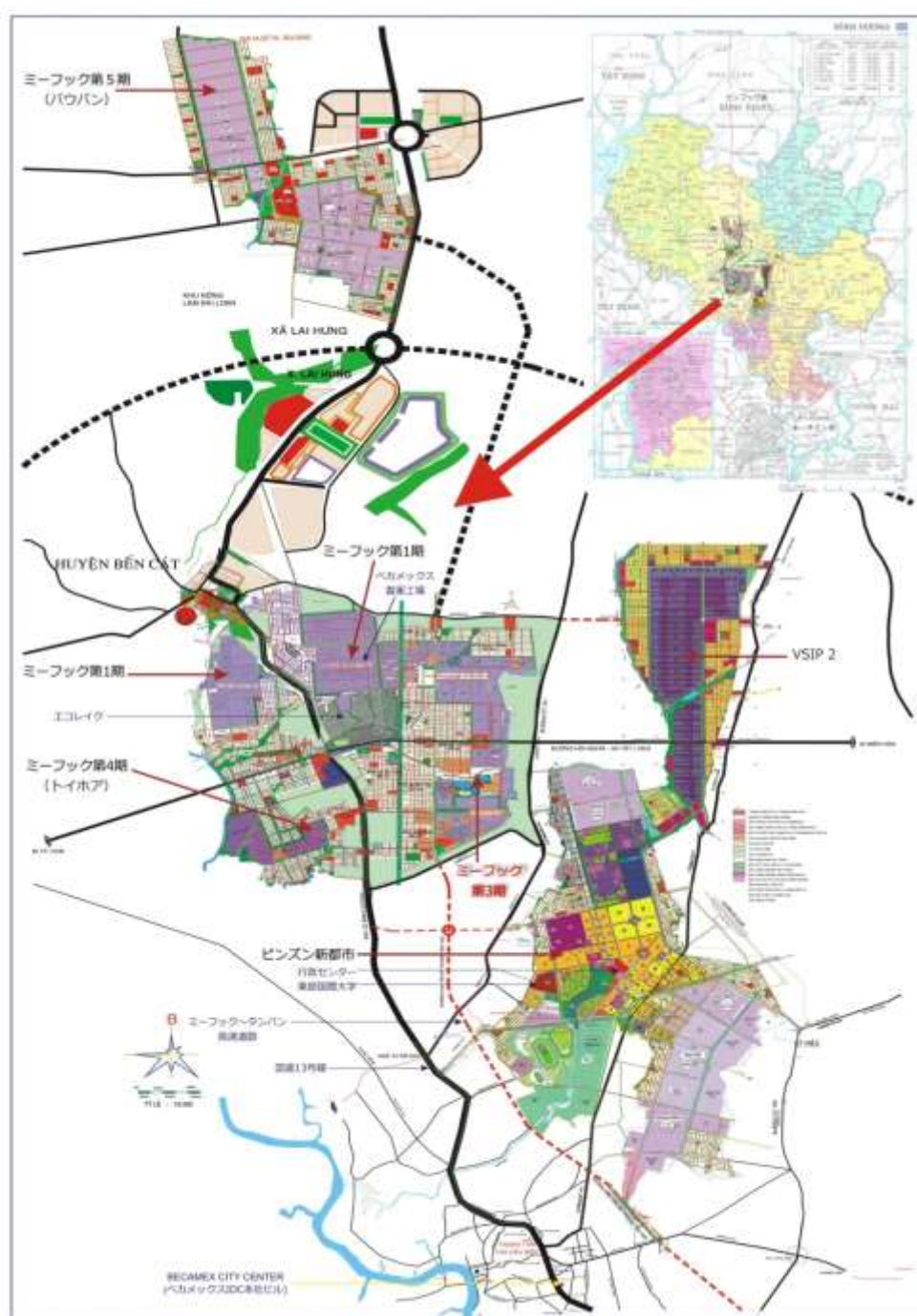
TỈNH ĐỒNG NAI

ĐI T. ĐỒNG NAI

ĐI PHAN THIẾT







In order to support My Phuoc Industrial Parks, we are developing Binh Duong New City. In order to speed up and increase of its quality, we have made partnership with Tokyu Group. Also for its convenience, we have bus service.

# Binh Duong New City



# BECAMEX TOKYU PROJECT



# Definition of Smart Community

‘Urban development or urban restructuring by eliminating things of no use from the conventional cities which have been developed without public order or any reasonable consideration’



a new style of the urban development

In the fields of:

- (1) Energy saving
- (2) ICT
- (3) physical waste elimination

Vietnam is going to enter the era of motorization and must be prepared fully. If automobiles increase without its preparation, then it will be always jammed or its development will be limited without expanding to its suburbs like other cities in Asian countries.

# ( 1 ) Energy saving

Under study :

- Establishment of Energy Management Company
- Set up of the system to bring less power cut to the limited power distribution area
- Set up of the system to bring less to the limited power distribution area
- Energy saving in the whole area

## (2) ICT

Under study:

- To make the wireless city using a new wifi system → it is difficult and also waste to connect wires again. We will have to connect big points to big points by optical fiber cables but points from the big points should be connected by wireless system. It is same idea as Park & Ride, suppose the optical fiber cables are train lines then after the stations we had better go anywhere as we like. It is a hard job to remake cities but it will be very easy to set up wireless infrastructure and we will be able to target the newest smart community in the world.
- Wifi system which can bear big data to be sent
- To make big data efficient by deleting useless data using AI function to judge necessity of the data.
- To avoid waste by monitoring smart cameras

For example, remote control of the traffic signals at the jammed crossings





A bundle of  
telephone cables

wireless

# (3) physical waste elimination

Projects on going:

- Wide roads

①eliminate waste of gasoline and time by avoiding traffic jam

②eliminate future waste as there will be unnecessary to expand in the future

(In Vietnam, narrow roads were developed a lot during the time of French sovereignty. Huge efforts and energy are necessary for infrastructures to be remade if once completed. For example, it is very difficult to expand roads in the cities already developed fully)

→ It will be easier to develop infrastructures in newly developed cities.

Houses destroyed  
because of the National  
Road 1 expansion





# (3) physical waste elimination



However it is difficult to develop cities in the area of nothing available. It is a big merit for the cities to utilize benefits of the neighboring existing cities by spending a little energy and time.

→ Therefore it is quite natural for Binh Duong Province neighboring Hochiminh City to have trials on (1) industrial city and (2) new urban development.

# (3) physical waste elimination

- Administration Center

It aims efficient administration by gathering public offices into one place from many places.

- Rich greens

It gives stress-free lives by eco-friendly development.

It prevents from atmospheric temperature to going up and eliminate energy waste.

# Administration Center: efficiency by assemblage of public offices





Rich green and wide roads



# (3) physical waste elimination

- Townhouses

Construction of 3-4 stories assemblage houses with commercial ground floor: they are used as shops but they will be reasonably diverted into car parks in the near future when motorization occurs together with nuclear families.

# Townhouses





# (3) physical waste elimination

Projects under consideration:

- Industrialized and commercialized agriculture in the region



## **Becamex IDC Corporation**

230 Binh Duong Blvd, Thu Dau Mot City, Binh Duong Province, Vietnam

Tel: (84) - 650 - 3 811 777 / (84)-650-3 777 777

Fax: (84) - 650 - 3 811 666

Website: <http://www.becamex.com.vn>

The official name: Industry, Investment & Development – 1 member company

The total charter capital: VND 5,500 billion Subsidiaries: 30

The main business fields: industrial parks, urban development (including infrastructure), financial/banking/securities fields, education (university), hospitals, pharmaceutical manufacturing, ICT infrastructure and others.



## **Contacts of BECAMEX IDC CORPORATION**

Becamex: 230, National Road 13, Thu Dau Mot City, Binh Duong

(1) Japanese staff: Uematsu

Tel: (84) 938 - 925 - 678

Email: [uematsu@becamex.com.vn](mailto:uematsu@becamex.com.vn)

[kimthyjp@yahoo.co.jp](mailto:kimthyjp@yahoo.co.jp)

(2) Vietnamese staff (Japanese speaking): Kim Thy • Duong

Tel: (84) 907 - 807 - 491 (84) 918 - 247 - 701

Email: [kimthy@becamex.com.vn](mailto:kimthy@becamex.com.vn) [duong.nv@becamex.com.vn](mailto:duong.nv@becamex.com.vn)

COMPLETED PROJECTS IN NEW CITY CENTER  
LUCKY SQUARE EVENT CENTER

## **Contact office in Japan :**

5-388-4-2F Heiwadai, Nagareyama City, Chiba, 270-0157, Japan

Becamex Contact Office (inside Can Do Cooperation)

Tel: 04-7157-2600

Fax: 04-7157-2812

East Japan: Sakai (090-9325-3366) • Kume (090-6568-7349)

West Japan: Nakaoka (080-1496-9256)

Email: [seigo.sakai@gmail.com](mailto:seigo.sakai@gmail.com) • [hidetokume@gmail.com](mailto:hidetokume@gmail.com) • [tsnakaoka@jazz.email.ne.jp](mailto:tsnakaoka@jazz.email.ne.jp)

