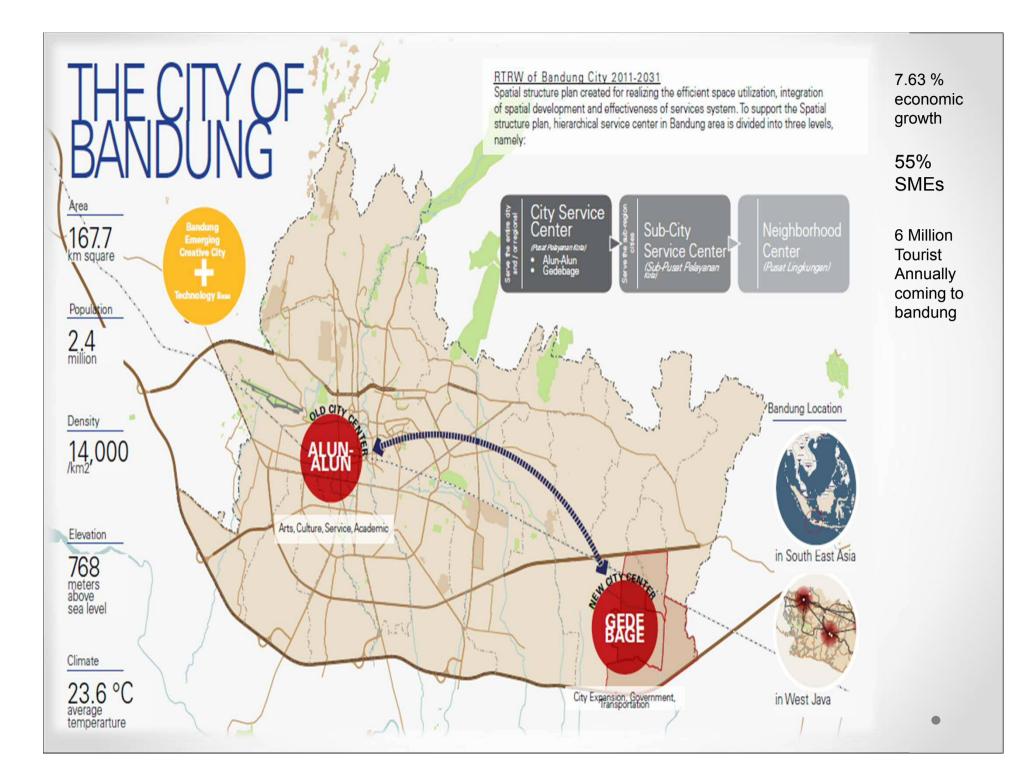


THE OVERVIEW OF WASTE MANAGEMENT ISSUES RELATED TO BANDUNG CITY'S SMART CITY CONCEPT'.

HERY ANTASARI ST.,M.Dev.Plg (Head of Bandung City's Development Planning and Research Agency, Indonesia) 14th. Asia Pacific Eco Bussiness Forum, Kawasaki International -Eco Tech Fair.

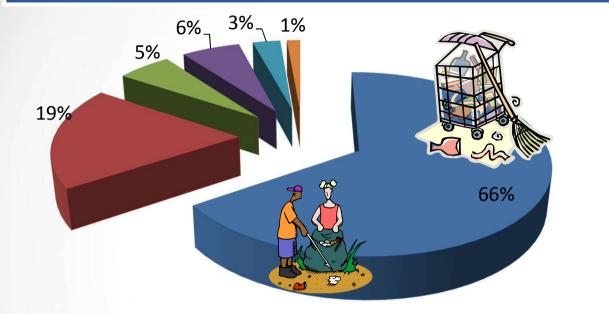


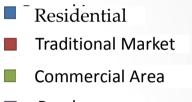
ENVIRONMENTAL ISSUES





Source of Bandung City's Waste



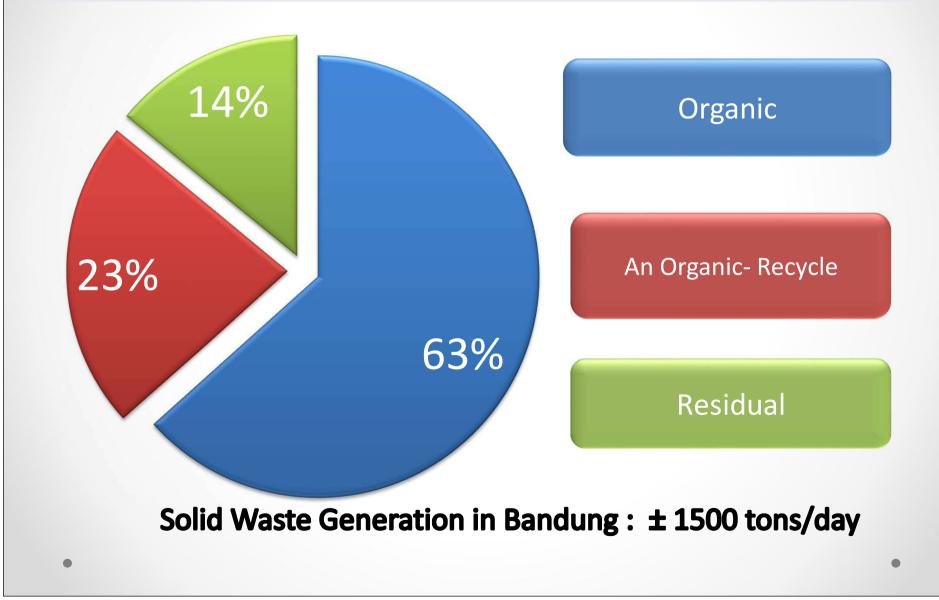


Road

- Industrial Area
- Public Facilities

Source	Volume (Ton)	Percentage (%)	Waste To be proceed (ton/day)
Residential	983,4	65,56	954,53
Tradional Market	281,55	18,77	273,29
Commercial Area	82,8	5,52	80,37
Road	89,85	5,99	87,21
Industrial Area	42,15	2,81	40,91
Public Facility	12,94	1,35	19,66
Total	1.492,69	100	1.455,97
	Residential Tradional Market Commercial Area Road Industrial Area Public Facility	Residential983,4Tradional Market281,55Commercial Area82,8Road89,85Industrial Area42,15Public Facility12,94	Residential 983,4 65,56 Tradional Market 281,55 18,77 Commercial Area 82,8 5,52 Road 89,85 5,99 Industrial Area 42,15 2,81 Public Facility 12,94 1,35

Waste Composition of Bandung City



i-[2

i-[2 dari komposisi ini, coba dilihat reducingnya seberapa besar dengan adanya TPST dan TPS 3R apabila diasumsikan TPST dan TPS 3R hanya mengirim residu ke TPA ismail - [2010], 2014/06/25



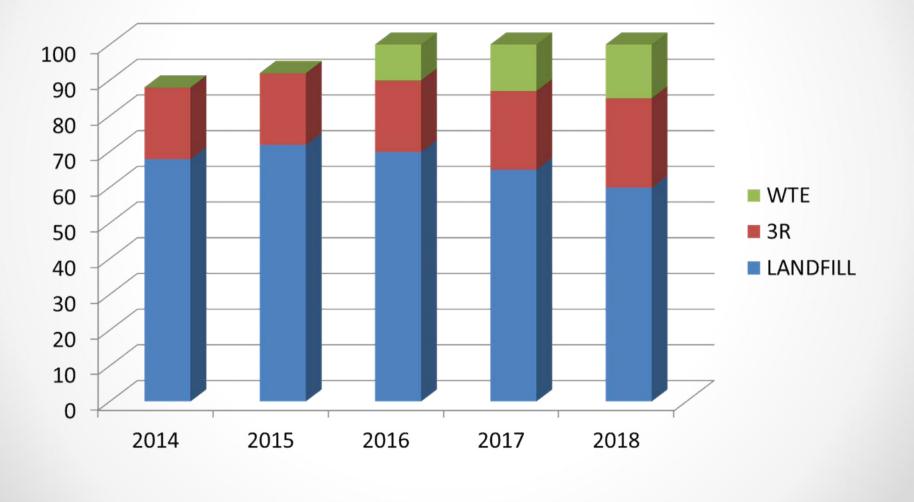
VISION

BANDUNG CITY

2013-2018

REALIZING BANDUNG CITY TO BE EXCELLENCE, COMFORTABLE AND PROSPEROUS CITY

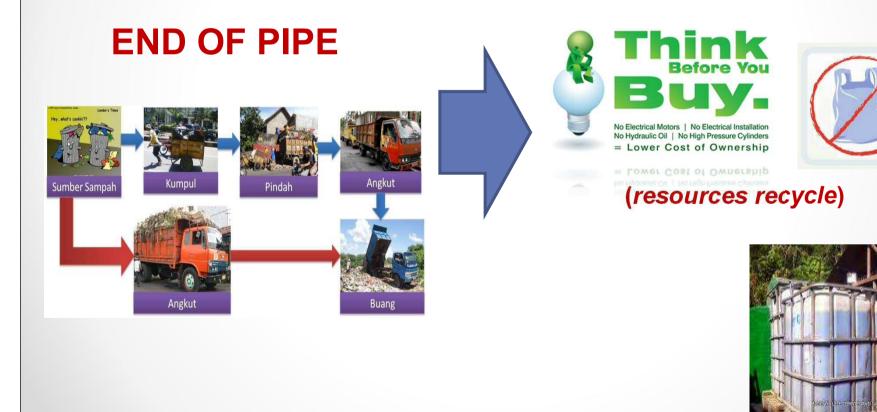
Mid Term Development Planning 2014-2018



THE CHANGE OF WASTE MANAGEMENT MINDSET

Listed at Law Nr. 18 / 2008

(reduce at source)



EXISTING OPERATIONAL









Send to Solid Waste Disposal (65-75 %) Reduce & Reuse By Waste Bank & Informal Sector (10-20 %) 3R Collecting Station, Composting & Small Biodigester

OTHERS



Why we need smart city

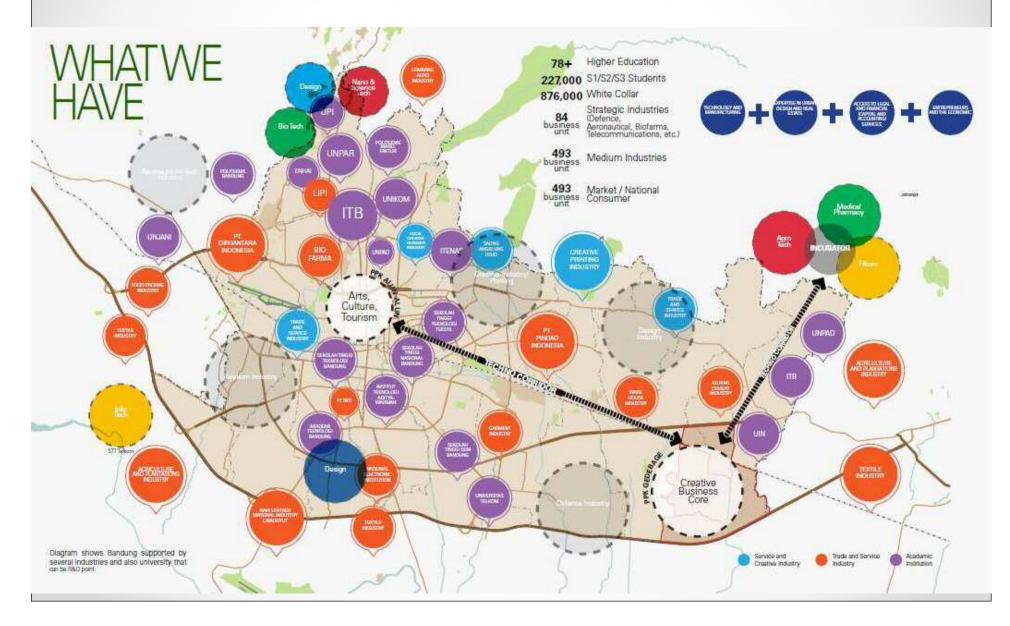


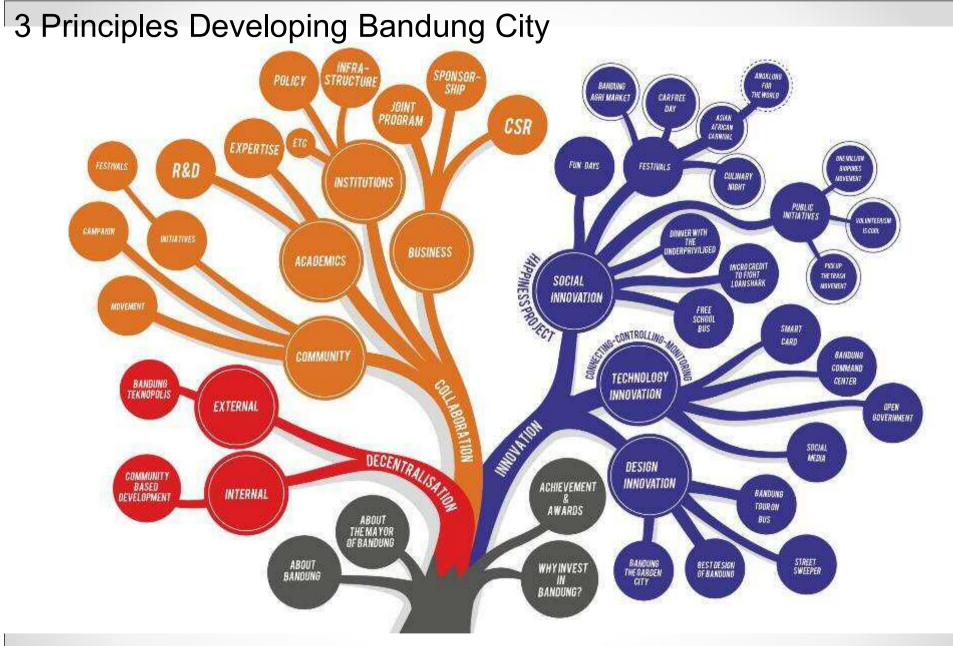
Smart City

Utilization of information and communication technology (ICT) to connecting, to monitoring and to controlling a variety of resources that exist within the city effectively and efficiently in order to maximize service to the citizens

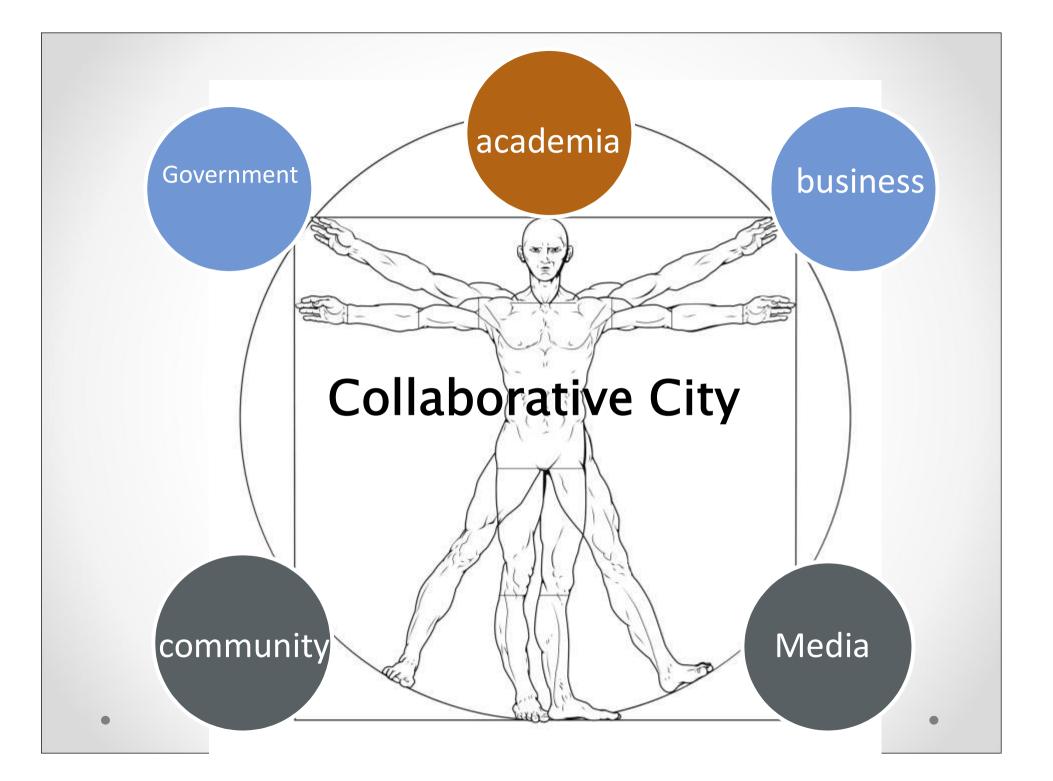


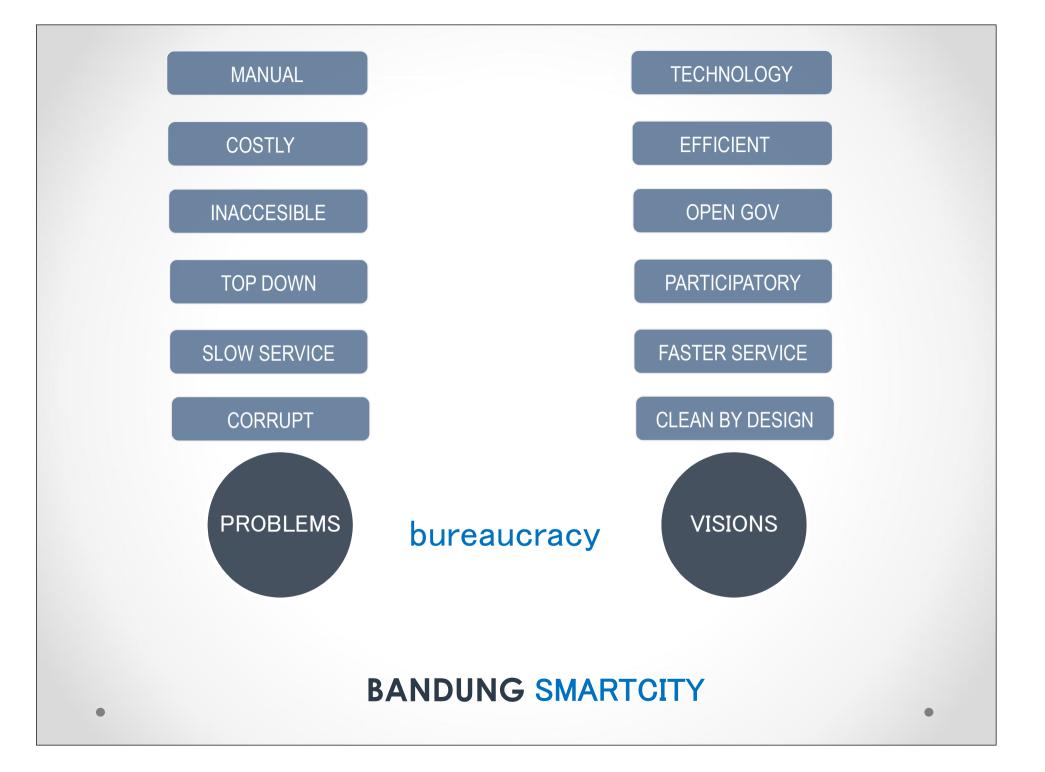
Why Smart City?



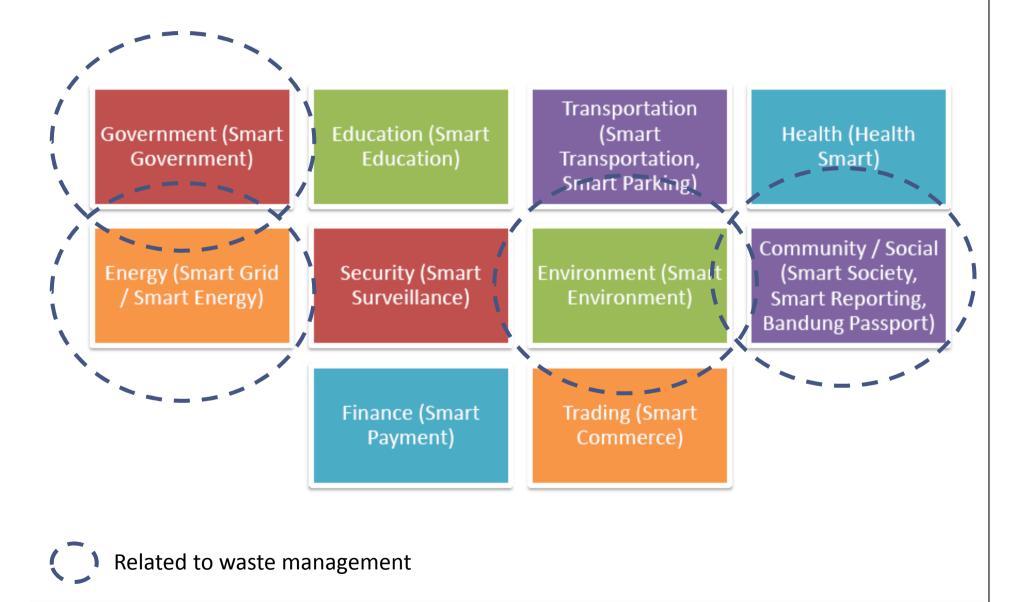


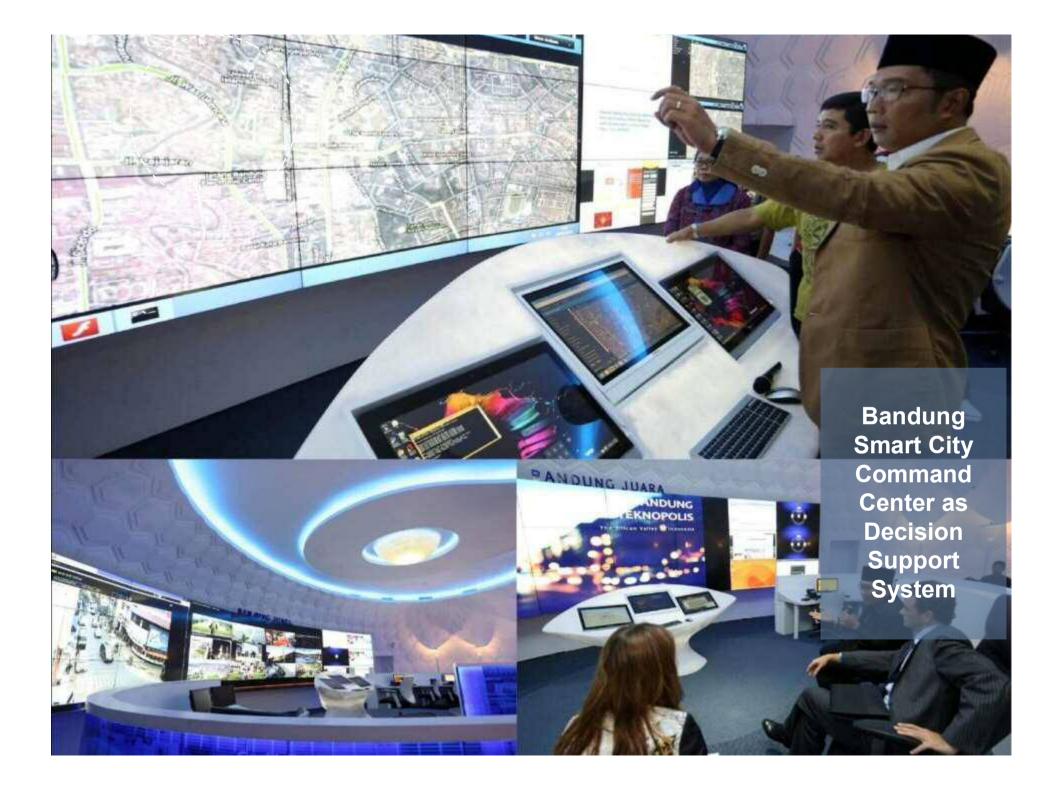
The Bandung Tree: Innovation. Collaboration. Decentralization





Priorities Area – Smart City Bandung





Waste Picking Movement

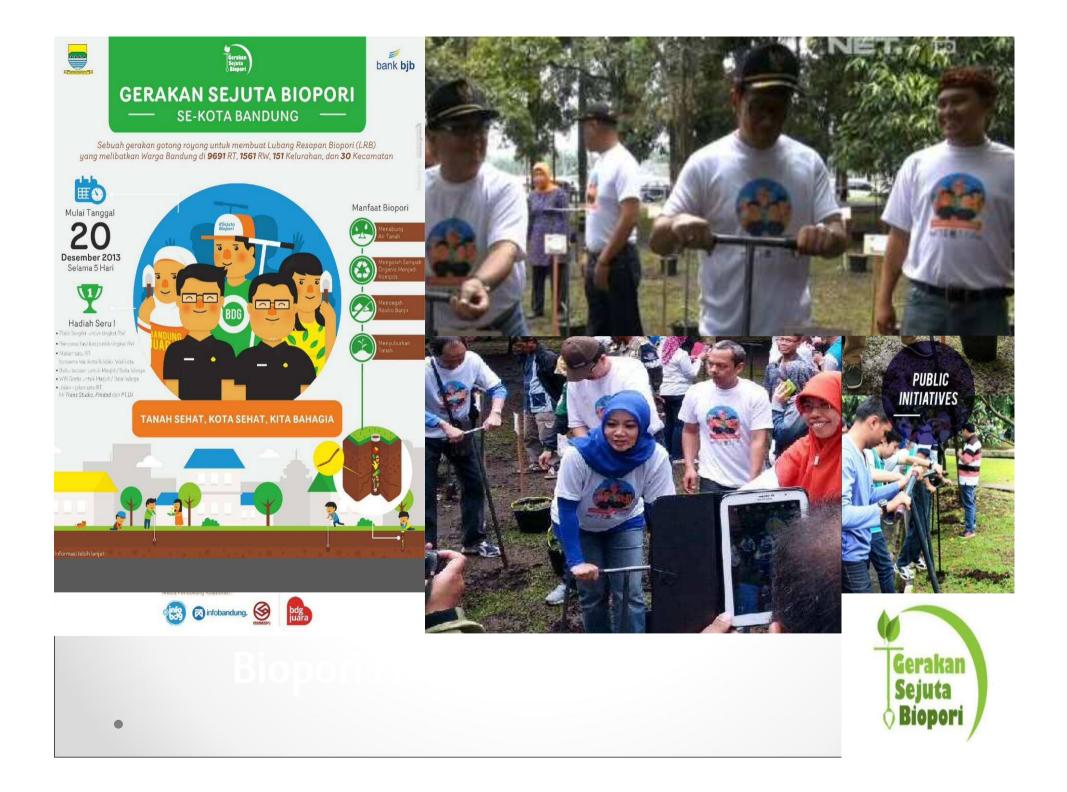








GERAKAN PUNGUT SAMPAH







Local Law Number 17 of 2012, regarding Reducing Plastic Bag







ridwan kamil Gridwarkamil venation work The caretaker of lovable Bandung Bandung Juara Indonesia Bergabung Oktober 2009





0

Mengikuti

Warga Bandung, per tanggal 1 November 2016, penggunaan Styrofoam DILARANG untuk kemasan makanan minuman. Nuhun. cc @KemenLHK



Forbidden For Using Styrofoam Policy

Untuk diikuti Bogetan Lindamua

- Skuti

2 Ruti

audhila noveryni Giaudhila.

Aidi Nursepta Calusciaprind

Hatil of the Akrimin Al Hatel



COLLABORATION WITH GOBER



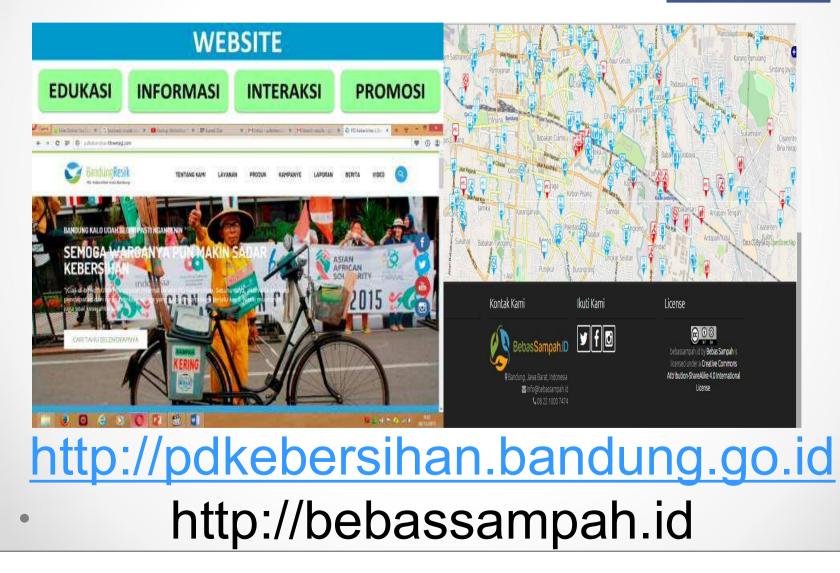
1500 GOBER TROOPS

GOBER (GORONG-GORONG & KEBERSIHAN)

PUBLIC PARTICIPATION AND COMPLAINTS MANAGEMENT BY SMART CITY APPLICATION

PD.Kebersihan Kota Bandung & Bebas Sampah ID

SMART CITY APPLICATION



RAPID RESPONSE TEAM

+ 0



Resky Respati @reskyrspt 6d @PemkotBandung ada penumpukan sampah dijalan ciungwanara , jadi kaya tps :(pic.twitter.com/PeAoxPPRD6

RAPID RESPONSE TEAM

4"L





Petugas membersihkan tumpukan sampah di JI. Ciungwanara 30 Okt 2015



Petugas menbersihkan tumpukan sampah di Jl.Ciungwanara #YukJagaBdgBersih @PRFMnews @reskyrspt @ridwankamil pic.twitter.com/F4icvmHIEK

•••

tweets



Resky Respati @reskyrspt @pdkebersihanbdg @infobandung @PRFMnews terimakasih proses pengakutan ya cepat dan responsif pic.twitter.com/S9y28PEVkb

APRECIATION FROM COMPLAINANT

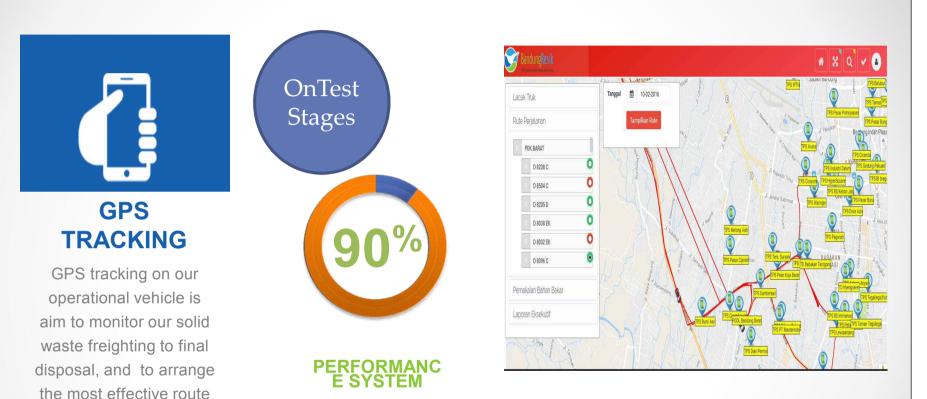
WASTE TRANSPORTING

UNDER COURTESY OF PD KEBERSIHAN





MANAGEMENT SYSTEM



Target of operation : Dec 2017

Still in progress : refinement of the data, will be integrated with Bandung Smart City

MANAGEMENT SYSTEM

E-REPORTING USING SMART PHONE APPLICATION



This system is called rapid reaction unit. Citizen can submit their complaint on PDK Hotline, LAPOR, social media rapidly and could be directly addressed by PDK.



PERFORMANCE SYSTEM

The highest rapid reaction unit is using twitter. This e reporting using smart phone application still in progress.





Terpilih menjadi salah satu Admin Fast Respon Terbaik dari Staff Kepresidenan Bidang Informasi & Pengaduan Publik

Gerakan #KANGPISMAN



Fungsi: Menyubu Mem U.

inya Kang Pisman bersama warga lainnya membuang sampah ke Biodigester yang akan menghasilkan pupuk

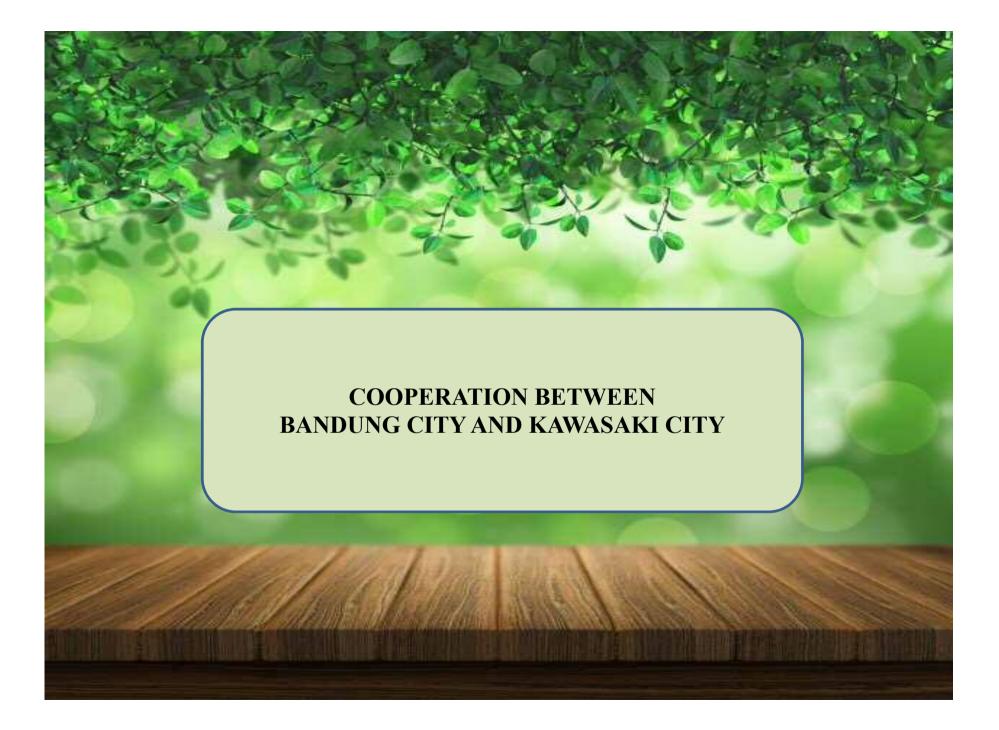
ah sebagai tambahan gan keluarganya.

Kang pisman selalu memastikan sampah B3 ditempat yang



ADIPURA AWARD CHARTER(3rd)

CLEAN CITY AWARD, THE HIGHEST AWARD IN THE ENVIRONMENTAL FIELD FOR THE CITIES OF INDONESIA



KAWASAKI CITY-BANDUNG

Continuous cooperation between Bandung City and Kawasaki City through Asian Pacific Eco-business Forum (from 2006 to present) in collaboration with UNEP



13th Asian Pacific Eco-business Forum

Feb. 16th 2017

KAWASAKI CITY-KOTA BANDUNG

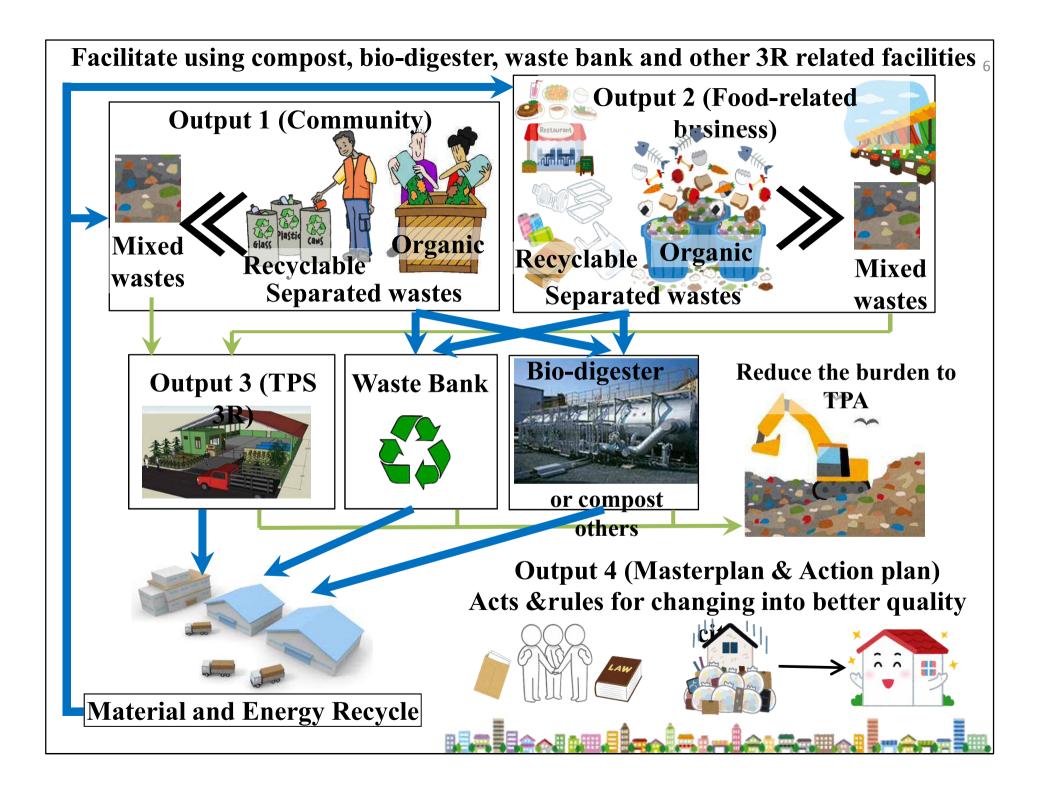
- **B**. KERI, IGES and JESC conducted feasibility studies for JCM scheme (supported by Ministry of the Environment, Japan) in Bandung City during FY2014 to FY2015
 - **C.** Exchange the MOU between Bandung City and Kawasaki City (Feb. 18th 2016)



Request from Bandung City after MOU exchanging ceremony

- Technology and knowledge transfer on waste to energy process using organic wastes (such as food wastes), with installation of facility (such as bio-digester)
- Investigation of effective utilization methods for plastic wastes sorted out from inorganic wastes
- Support of establishment and management of recycling center

Part of the request will be fulfilled with this JICA Partnership Project (From 2017 Mar. to 2020 Mar.)



HATUR NUHUN



