



**SEMARANG**  
CITY GOVERNMENT

**BLUE WATER  
GREEN CITIES  
RED SPIRIT**

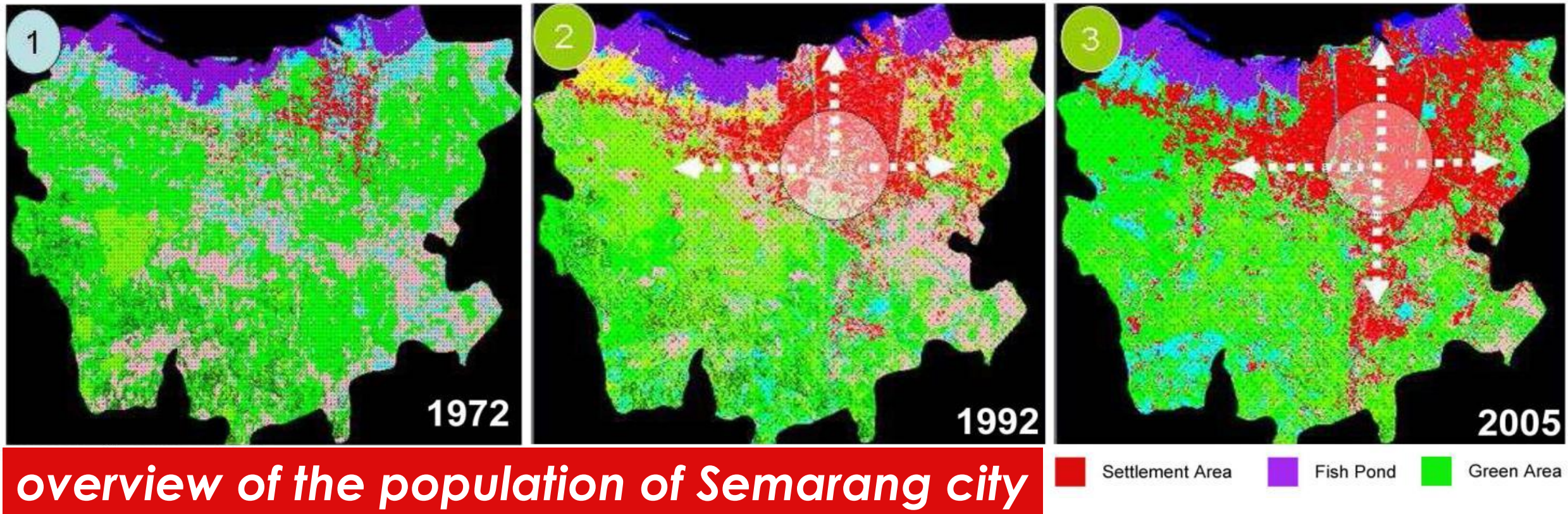
BEFORE  
AFTER

**HENDRAR PRIHADI (HENDI) - Mayor Of Semarang**



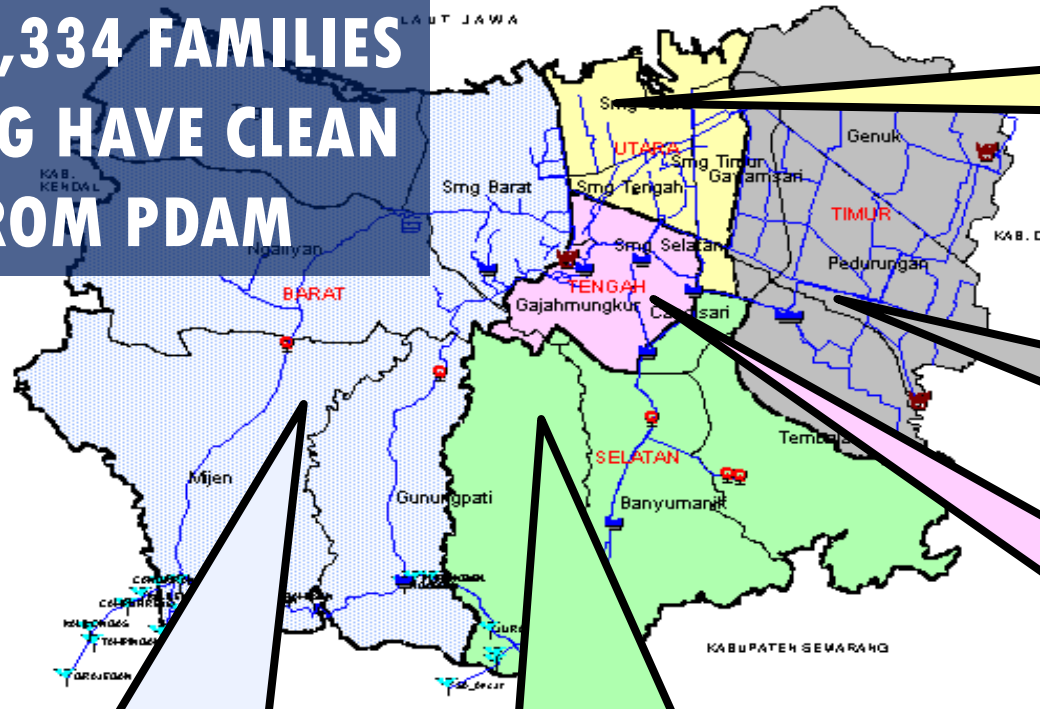


# SEMARANG'S URBAN MANAGERIAL CHALLENGES IS UNCONTROLLED POPULATION EXPLOSION



# ONE OF THE CHALLENGES IS ABOUT CLEAN WATER MANAGEMENT BY PDAM

**AT LEAST 172,334 FAMILIES  
IN SEMARANG HAVE CLEAN  
WATER FROM PDAM**



**NORTH AREA  
32.235 FAMILIES**

**EAST AREA  
50.792 FAMILIES**

**CENTRAL AREA  
23.617 FAMILIES**

**SOUTH AREA  
28.930 FAMILIES**

**WEST AREA  
36.760 FAMILIES**

*AND THAT'S NOT EVEN ENOUGH*



**33,3%**

**172.334 PDAM WATER ACCESS**



**100% = 517.083 FAMILIES IN SEMARANG**

# BUILD A NEW WATER TREATMENT SYSTEM

**#WhatWeDo**

**SPAM SMG BARAT**

*Operating Mei 2021*

**TUGU  
SMG BARAT  
NGALIYAN**

**+70.000**

**SPAM PUDAK PAYUNG**

*Finish December 2019*

**BANYUMANIK**

**+ 8.000**

**SPAM JATISARI**

*Finish September 2019*

**MIJEN**

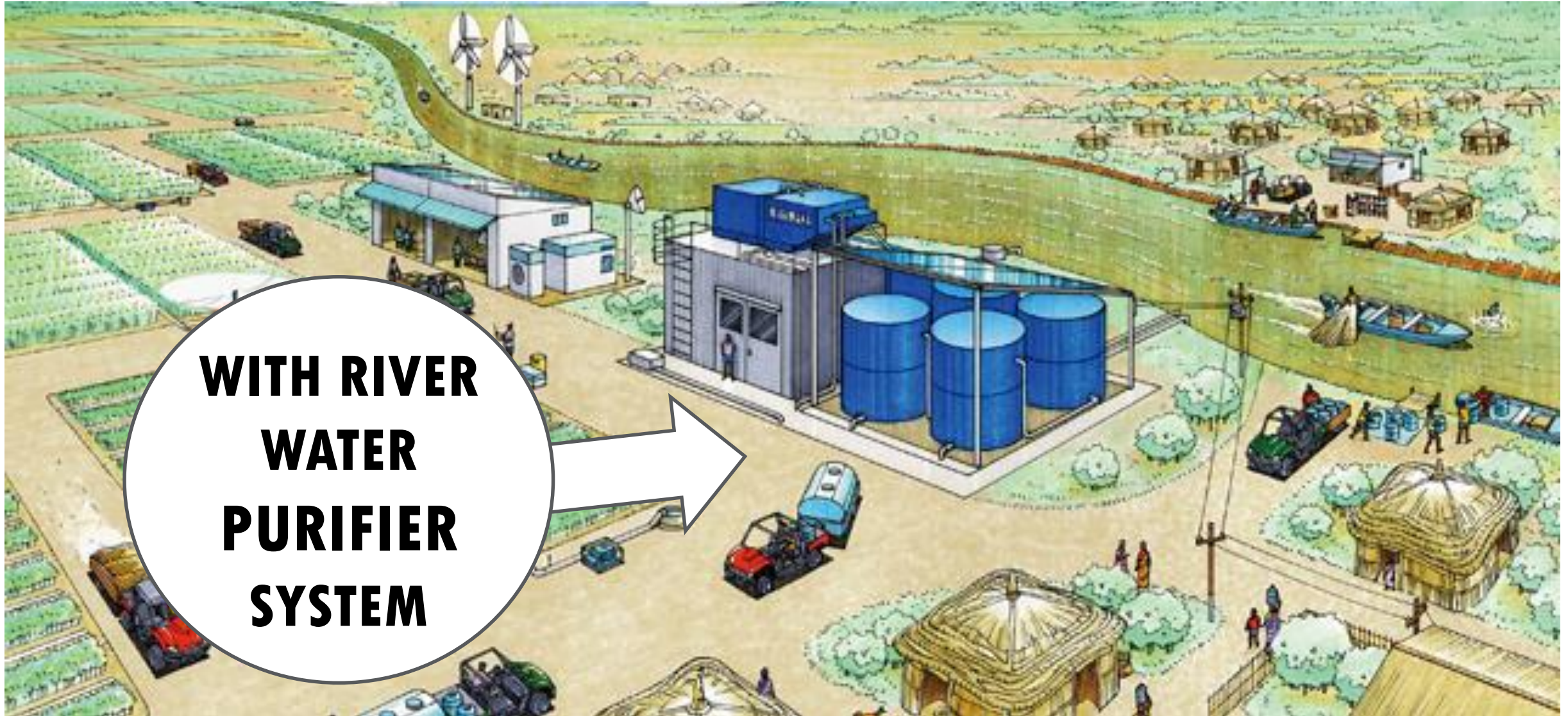
**+12.000**



**UP TO 50,7%**



# AS AN ALTERNATIVE, SEMARANG CAN MANAGE RIVER WATER



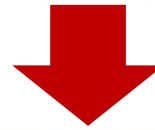


# WITH THE COST OF EACH RIVER SUB-SYSTEM BY US\$ 50,000

**BUILT IN AFRICA BY JICA**



Drinking water comes from a holding pond



Doing laundry and preparing food at the river



Clean water from the system's tank



Water delivery business

## BUT THE PROBLEM FACED

**LACK OF PUBLIC  
AWARENESS**

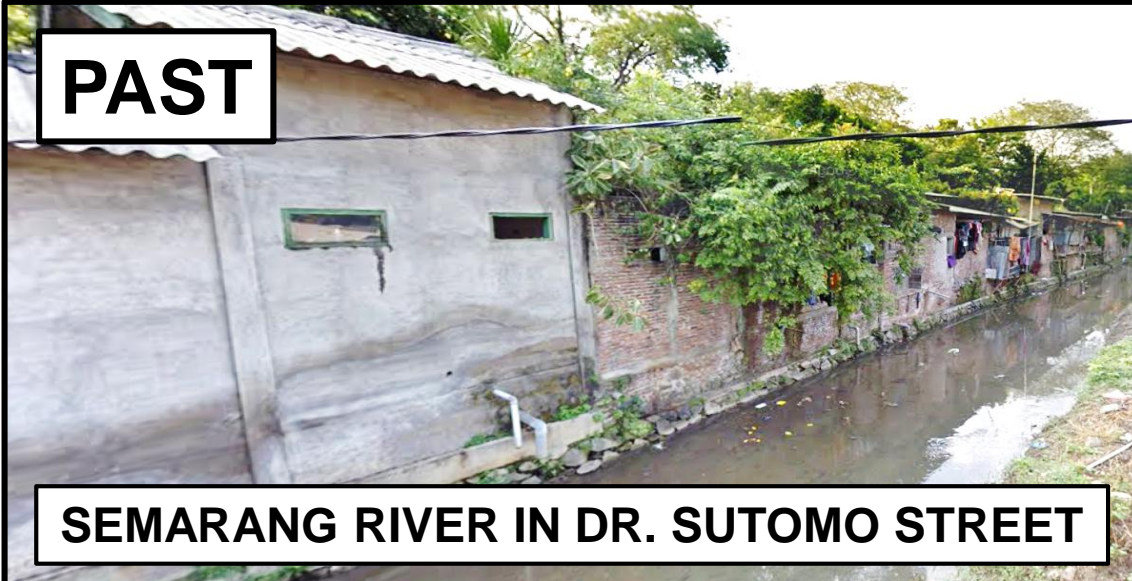
**DECREASING  
ENVIRONMENT**





PEOPLE SAY : SEMARANG HAS THE LONGEST TOILET IN THE WORLD

PAST



SEMARANG RIVER IN DR. SUTOMO STREET

PAST



SETTLEMENT ALONG THE SEMARANG RIVER

# SEMARANG RIVER

*WITH A LENGTH OF 6.75 KM  
THAT PASSES IN THE MIDDLE OF THE CITY*

**IS REFERRED TO AS THE  
LONGEST TOILET IN  
THE WORLD**

**EVIDENCE OF LACK OF PUBLIC AWARENESS**



**LACK OF PUBLIC  
AWARENESS,  
DECREASE  
ENVIRONMENTAL  
QUALITY**

**CAUSING FLOODING  
IN SEMARANG**



**PORTRAIT OF THE RIVER IN SEMARANG THAT IS FILLED WITH GARBAGE**





**#WhatWeDo**

# ENCOURAGE 'OPEN DEFECATION FREE'

## SUPPORT URBAN WATER MANAGEMENT

1



**INFRASTRUCTURE**

2



**CULTURE**

IMPROVEMENT

**DRAINAGE  
IMPROVEMENT**

**WITH 'WATER  
FRONT CITY'  
AS AN URBAN  
CONCEPT  
DEVELOPMENT**

**SETTLEMENTS  
QUALITY IMPROVEMENT**

# 1. DRAINAGE IMPROVEMENT

- Sub - System Mangkang
- Sub - System Bringin

- Sub - System Tugurejo
- Sub - System Silandak
- Sub - System Sianger
- Sub Sistem Bandara A. Yani

- Sub - System Simpang 5
- Sub - System BKB
- Sub - System Bulu
- Sub - System Asin
- Sub - System Baru
- Sub - System Banger
- Sub - System Semarang
- Sub - System Bandarharjo

- Sub - System BKT
- Sub - System Tenggong
- Sub - System Sringin
- Sub - System Babon
- Sub - System Pedurungan

1

MANGKANG  
DRAINAGE  
SYSTEM

2

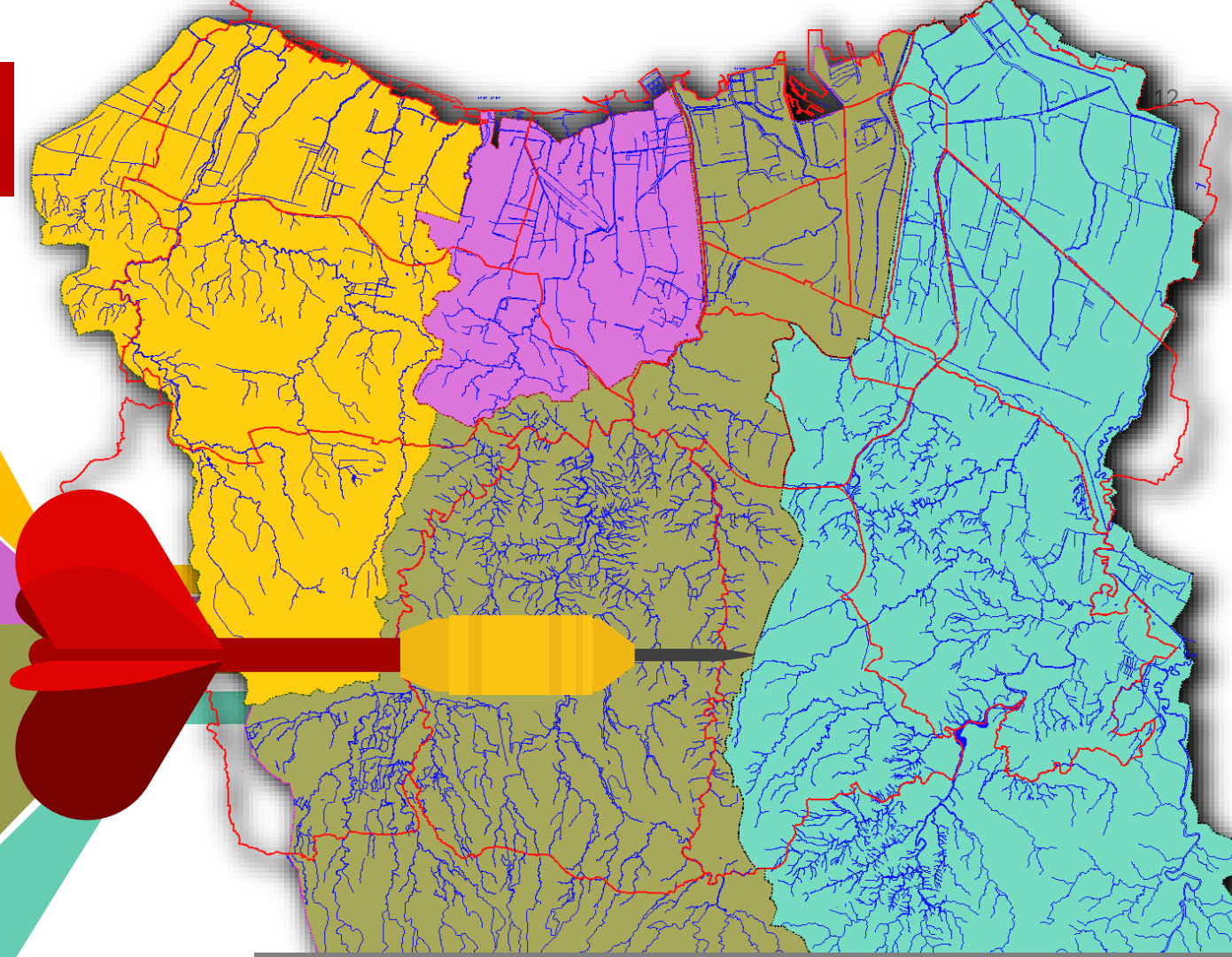
WEST SEMARANG  
DRAINAGE  
SYSTEM

3

CENTRAL  
SEMARANG  
DRAINAGE  
SYSTEM

4

EAST SEMARANG  
DRAINAGE  
SYSTEM



**4 DRAINAGE SYSTEM  
WITH 19 SUB-SYSTEM**



# BEFORE



## TENGGANG DRAINAGE SYSTEM IMPROVEMENT



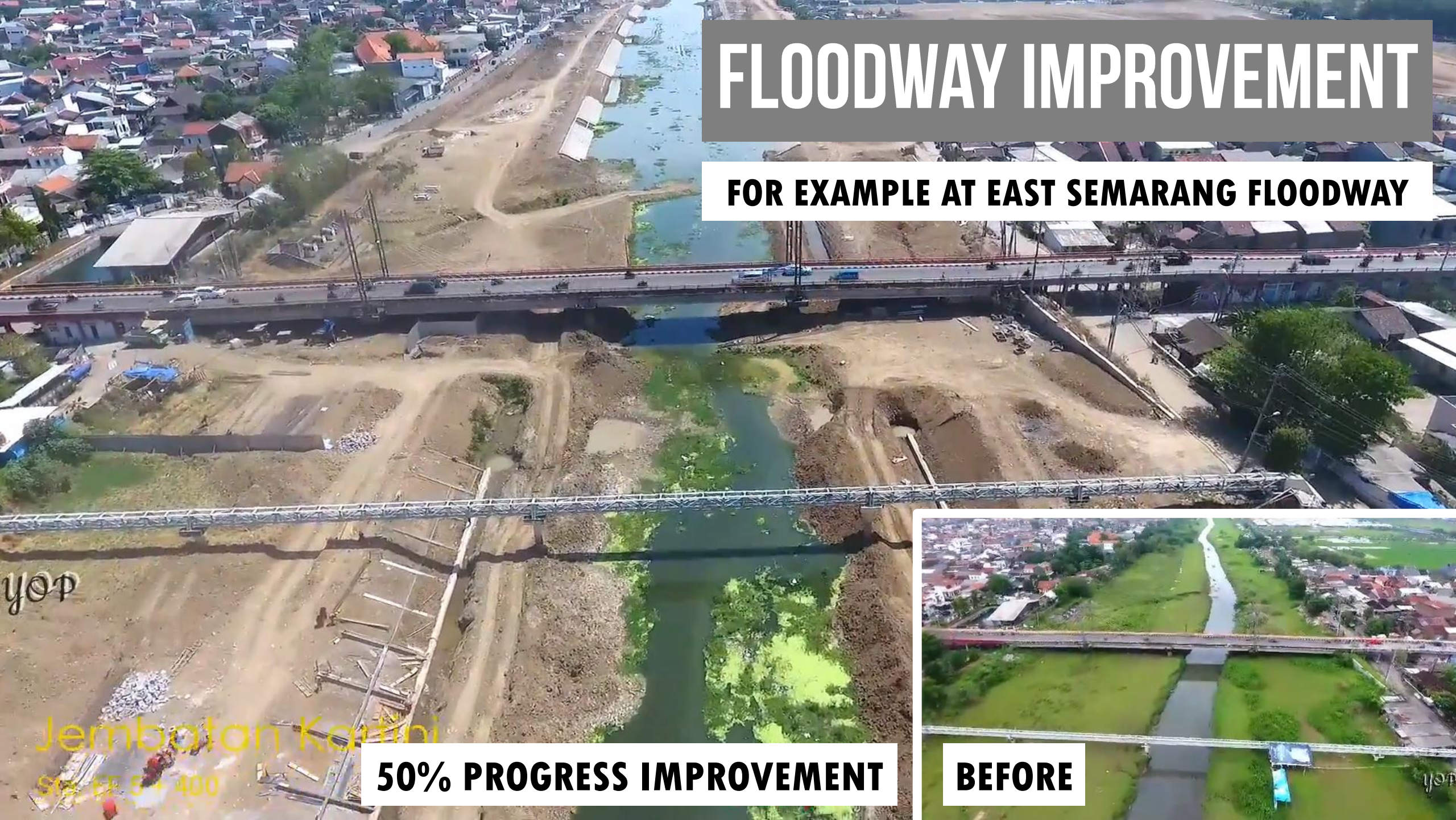
# AFTER





# FLOODWAY IMPROVEMENT

**FOR EXAMPLE AT EAST SEMARANG FLOODWAY**



**50% PROGRESS IMPROVEMENT**

**BEFORE**



# ***RETENTION POOLS IMPROVEMENT***

**BEFORE**



**AFTER**



***FOR EXAMPLE AT KALIGAWE FLAT***



## 2. CITY DEVELOPMENT WITH 'WATER FRONT CITY' CONCEPT



**BEFORE**

**SEMARANG RIVER IN DR. SUTOMO STREET**



**AFTER**



# ***INITIATED A FISHIZATION PROGRAM***





# KAMPUNG BAHARI TAMBAK LOROK COMING SOON

# SEMARANG

## 3. SETTLEMENT QUALITY IMPROVEMENT

**BEFORE**



**TANJUNG MAS – NORTH SEMARANG**

**AFTER**





# INITIATED 177 THEMATIC VILLAGES



**BEFORE**

Kampung Ramah Anak, Kuningan, Semarang Utara



**Sekarang**

**AFTER**

**CHILD FRIENDLY VILLAGE**



**BEFORE**

Jl. Pandansari - Sawah Besar - Kota Semarang



**AFTER**

**PANDANSARI BAG VILLAGE**



**BEFORE**

Bugen Lor, Bangetayu Kulon



**Sekarang**

**AFTER**

**TRADITIONAL SNACK VILLAGE**



# HOME RENOVATION AND TOILET IMPROVEMENT PROGRAM



Home

Nasional

Internasional

Regional

M

## Pembuatan 3.356 Jamban di Kota Semarang Raih Rekor Muri

Kamis, 5 Februari 2015 22:15 WIB



Tribun Jateng/Adi Prianggoro/Istimewa

Sebanyak 3.356 unit jamban dan 100 rumah hasil renovasi dari program RTLH (Rumah Tak Layak Huni) & Jambanisasi diserahkan



**ENCOURAGE COMMUNITY PARTICIPATION WITH REPORTING SYSTEM**



**BANTU KOTAMU MENJADI LEBIH BAIK**

**LAPOR HENDI !**

**WALIKOTA SEMARANG @HENDRARPRIHADI  
KIRIM SMS KE 1708:  
“LAPORHENDI (SPASI) ADUAN”**



**DULU**



**Jalan Puri Anjasmoro - Kota Semarang**



**SEKARANG**

**DULU**



**Saluran Air Jalan Gajah Semarang**



**SEKARANG**



# SEMARANG IN SUSTAINABLE DEVELOPMENT GOALS

**3** GOOD HEALTH  
AND WELL-BEING



**LIFE EXPETANCY**

**IN 2011**

**77,17 TH**

**IN 2017**

**↑ 77,21 TH**

**6** CLEAN WATER  
AND SANITATION



**HEALTHY TOILET**

**IN 2011**

**53,2%**

**IN 2017**

**↑ 73,8%**

**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**GOOD WAY**

**IN 2011**

**46 %**

**IN 2017**

**↑ 88,7 %**

**13** CLIMATE  
ACTION



**FLOOD AREA**

**IN 2011**

**41,02%**

**IN 2017**

**↓ 21,4%**

**14** LIFE  
BELOW WATER



**MANGROVE FOREST**

**IN 2010**

**32,85 HA**

**IN 2017**

**↑ 68,13 HA**

**15** LIFE  
ON LAND



**CITY PARK**

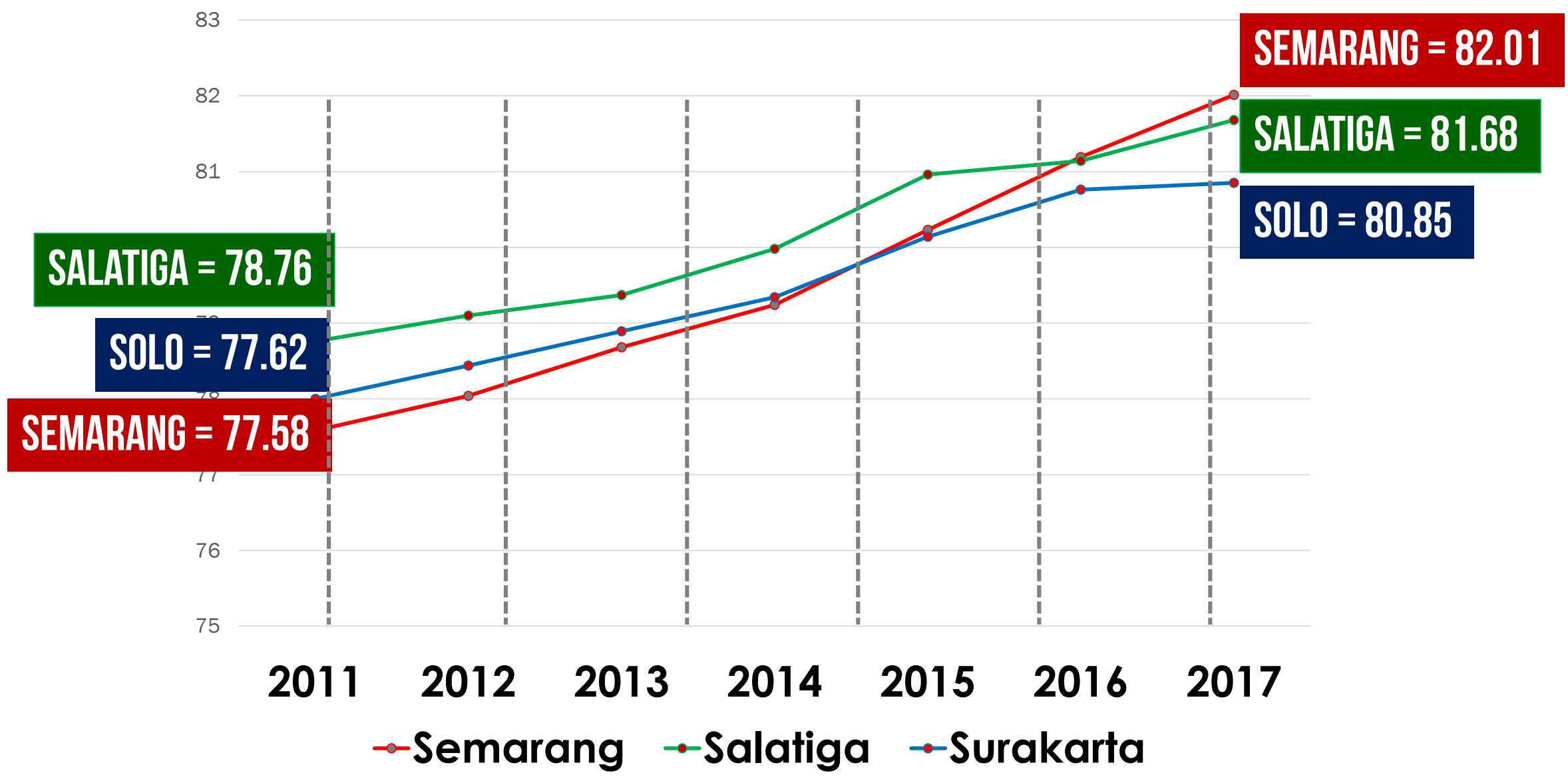
**IN 2013**

**24,88 HA**

**IN 2017**

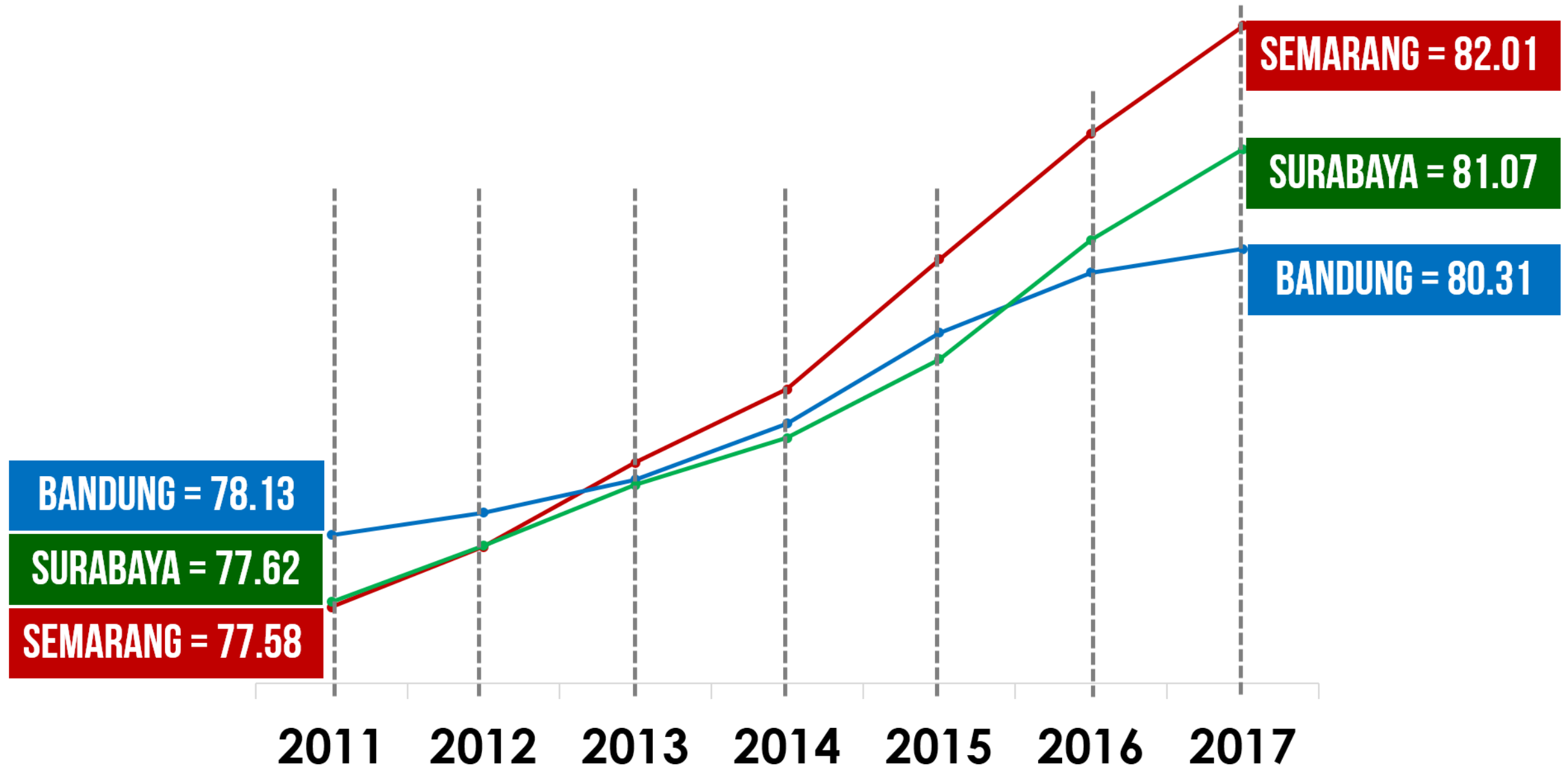
**↑ 28,09 TH**

# SEMARANG 'HUMAN DEVELOPMENT INDEX' IN CENTRAL JAVA





# SEMARANG 'HUMAN DEVELOPMENT INDEX' IN INDONESIA





SEMARANG

HEBAT!