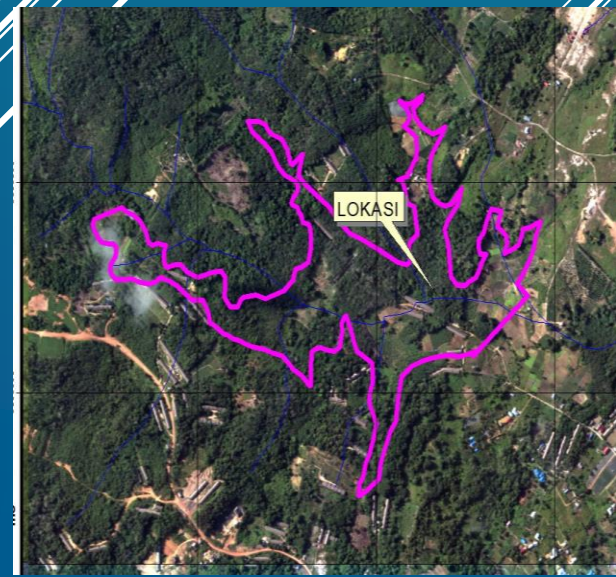
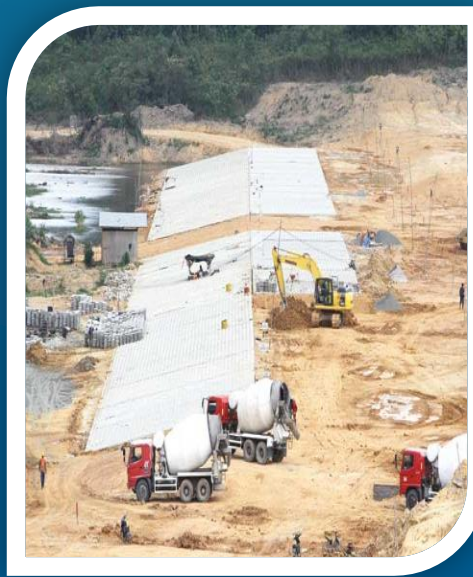




OVERVIEW OF BALIKPAPAN'S URBAN WATER MANAGEMENT



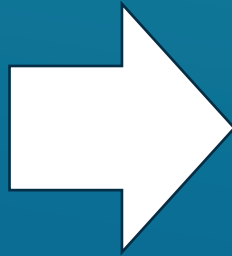
**KEY
TAKEAWAYS
FROM THE
WORKSHOP**



**Institutional
arrangement,
stakeholder and
community
engagement**

VISION FOR THE CITY

Realizing Balikpapan as a leading city that is comfortable Inhabited and sustainable toward “Madinatul Iman”



WHAT NEEDS TO BE ACCOMPLISHED

- Ensuring sustainable supply of raw water (kebutuhan 1.800 lt/dt,tersedia 1.276 lt/dt)
- Controlling the use of urban space, will have direct impact on redusing city floods areas



APPROACHES DURING THE WORKSHOP THAT APPLICABLE TO ADDRESSING CITY CHALLENGES

1. PROTECTION OF WATER RESOURCES AREA ; (recommendation aplicable for Balikpapan :

- making infiltration wells along Manggar river and dam ; and
- build another dam → already done; Teritip dam 250 lt/dt, on progress of land acquisition : Aji Raden dam 150 lt/dt)



2. FLOODS CONTROL (recommendation aplicable for Balikpapan : To build a detention poll , it's more effective and economic than build a canal case study: sei. Ampal project)



ACTION STEPS (NEXT 6-12 MONTH)

1. **To Build infiltration wells along Manggar river and dam :**
 - **Make an initial survey**
 - **Socialization to community along the dam**
 - **Budgeting planning on regional income and expenditure budget**
 - **Offering additional financing from local private sector (CSR)**
2. **To Build a detention poll :**
 - **Planning the location point aligned with the drainage masterplan**
 - **Budgeting planning on regional income and expenditure budget (step 1 : Detail Engineering Design; step 2 : land acquisition**
 - **Seek funding from province or state government**

KEY STAKEHOLDERS

Central government:

- BAPPENAS / Ministry of National Development Planning
- Ministry of Public Works and Housing

Province level:

- BAPPEDA/Local Planning Agency
- Department of Public Works and Housing

City Level:

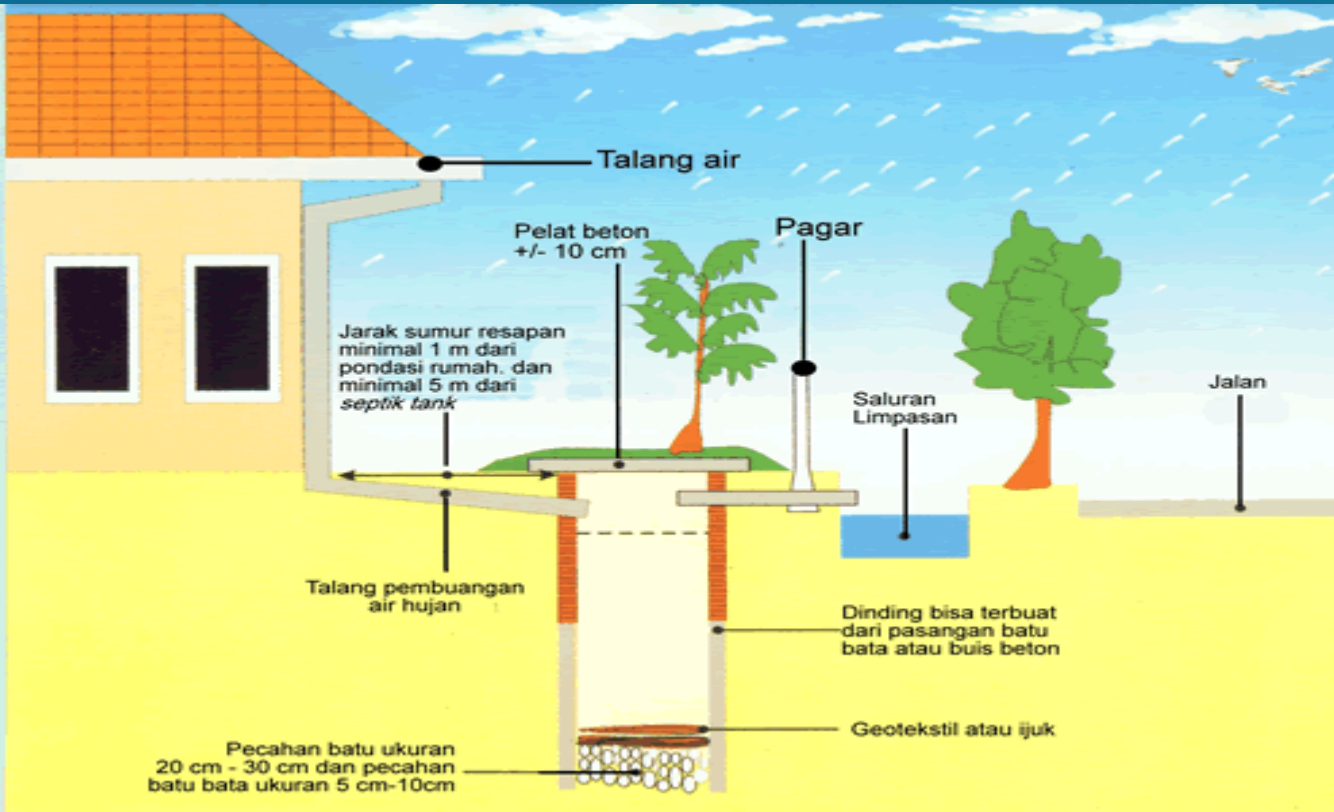
- BAPPEDA/Local Planning Agency
- PDAM/local water company
- Department of Public Works
- Local Community
- Private sector



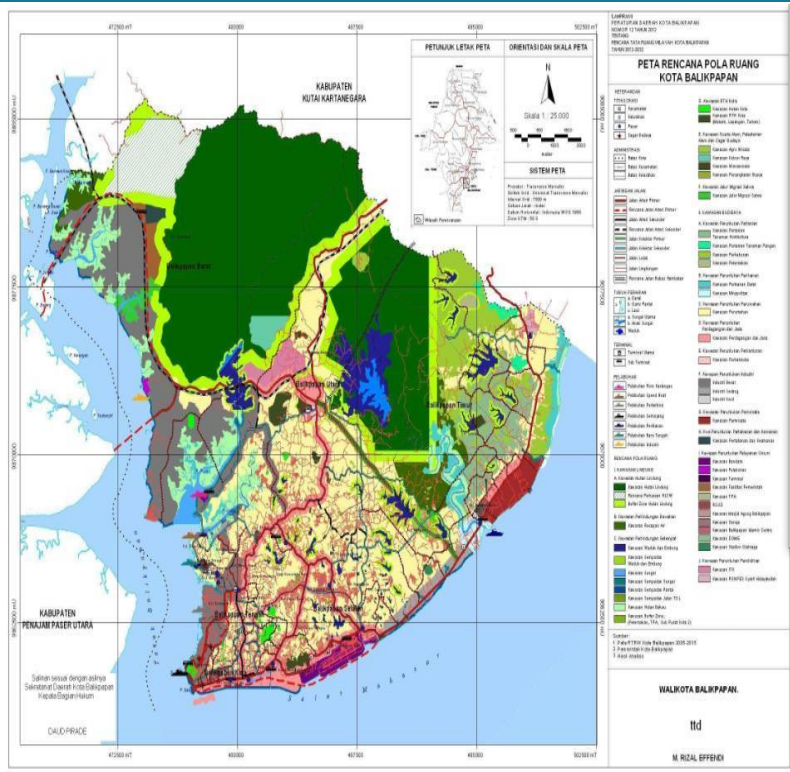
TIMELINE



Build infiltration wells along Manggar river and dam



OPPORTUNITIES



Sustainable City Development Commitment

SPATIAL PLANNING POLICY
2012-2032

PROTECTED AREA: **52%**

DEVELOPING AREA: **48%**

NO COAL MINE

(Major Regulation 12/2013 on Establishment of Balikpapan as Coal Mine-Free Area)

BARRIERS

- Limited Budgeting
- Land acquisition problem
- Political will of board members

**CONCRETE
SUPPORT /
ASSISTANCE
FROM
DEVELOPMENT
PARTNERS**



- **Technical Assistance/guiding in the use of appropriate and economical technology**
- **Sosial economic assistance**
- **Financing the project**