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# **THE ROLE OF VOLUNTARY LOCAL REVIEWS (VLRs) IN ENRICHING STRATEGIC ENVIRONMENTAL ASSESSMENT (SEA) ON MAINSTREAMING SUSTAINABLE DEVELOPMENT IN WEST JAVA PROVINCE**

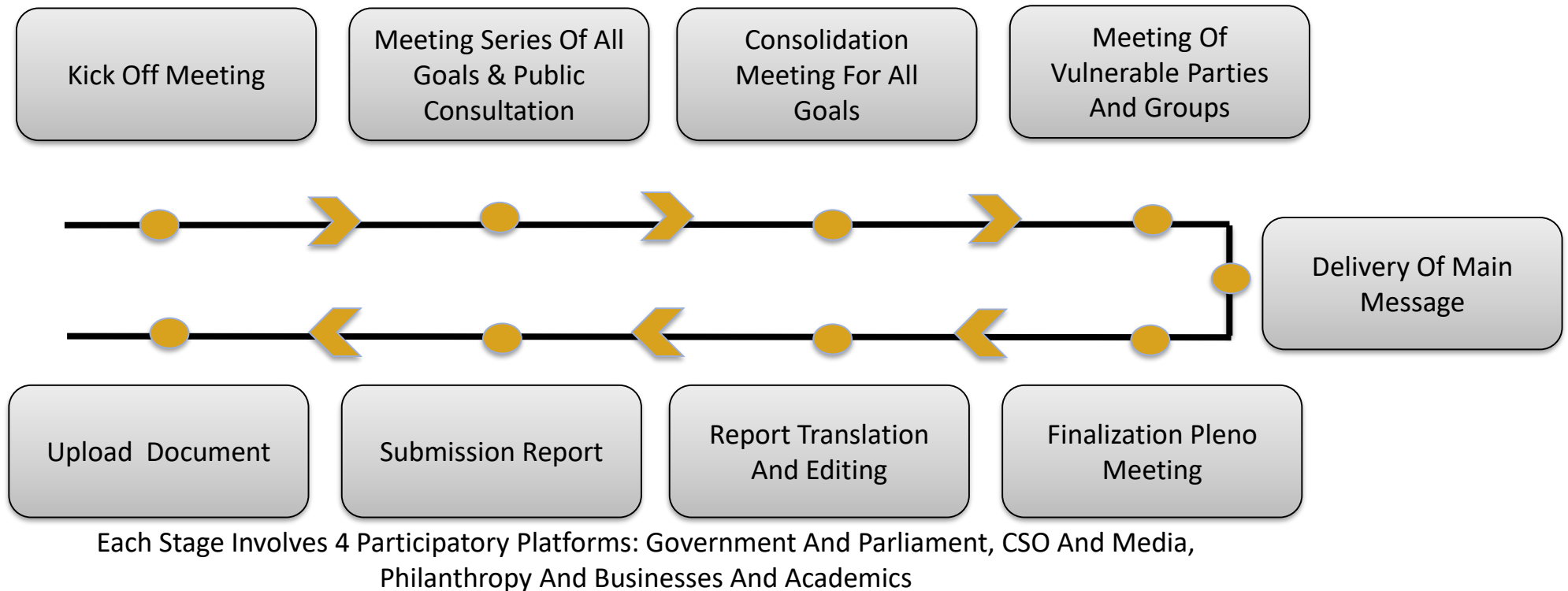
**Dr. PRIMA MAYANINGTIAS**

23 October 2023





# DEVELOPMENT STAGES OF VLR



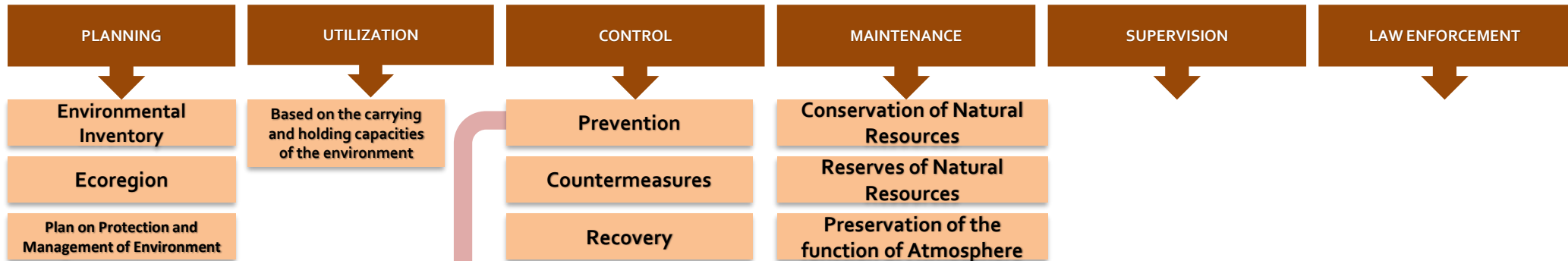
These stages have similarities with SEA's development stages. As Indonesia's current regulation has mandated the integration of SEA's recommendation to Regional Planning Documents before its legalization. VLR document may contribute to enrich SEA's recommendation on actionable policies, programs, and project at provincial level in contributing to the advancement of sustainable urban and territorial planning & enhancing the effectiveness of Planning Documents process in addressing diverse challenges faced by West Java Province.



# POSITIONING OF SEA IN ENVIRONMENTAL PROTECTION AND MANAGEMENT

## ENVIRONMENTAL PROTECTION AND MANAGEMENT

Chapter 4  
Law Number 32 Year 2009



Chapter 14  
Law Number 32 Year 2009

### INSTRUMEN:

SEA	Spatial Plan	Standard Quality of Environment
Standard Criteria of Environmental Damage	Analysis of Environmental Impact (AMDAL)	Effort or Program of Environmental Management and Environmental Monitoring (UKL-UPL)
Permits	Environmental and Economic Instruments	Laws and Regulation on Environment
Budget for Environment	Analysis of Environmental Risks	Environmental Audit

Chapter 4 and 5  
Regulation of The Minister of Environment and Forestry Number 24 Year 2018

Businesses and/or activities that have a significant impact on the environment are **exempt from the obligation to prepare an AMDAL** if the location of the planned business and/or activity is in a district/city area that already has an Detailed Spatial Plan (RDTR) equipped with KLHS that is implemented in a **comprehensive, detailed and integrated manner**.

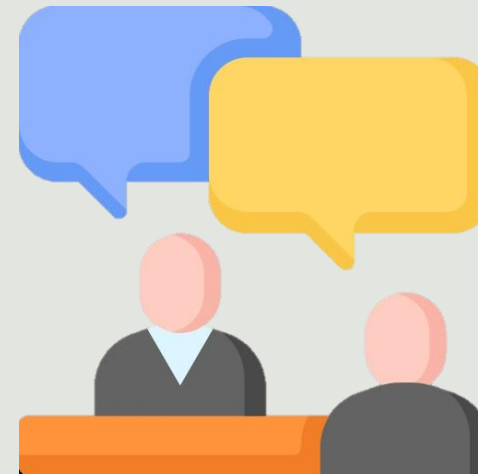




# Prioritized SDGs in West Java's SEA



SEA for Middle-term Development Plan 2018-2023  
Validated by Ministry of Environment and Forestry 2021



SEA for Long-term Development Plan 2025-2045  
On Progress: Public Hearing I





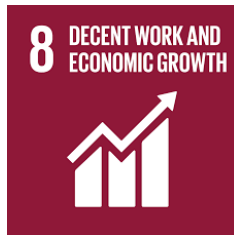
# VOLUNTARY LOCAL REVIEWS (VLR) SDGs IN WEST JAVA 2023

In Cooperation with The United Nation The Economic And Social Commission For Asia and Pacific (ESCAP) And Experts From UNPAD's SDGs Center

## THEME

"STRENGTHENING COMMITMENT ON DECADE OF ACTION: TOWARDS RESILIENCE  
WEST JAVA TO LEAVE NO ONE BEHIND"

## PRIORITY



(GOALS THAT SHOW GOOD PERFORMANCE WITH BEST PRACTICES)

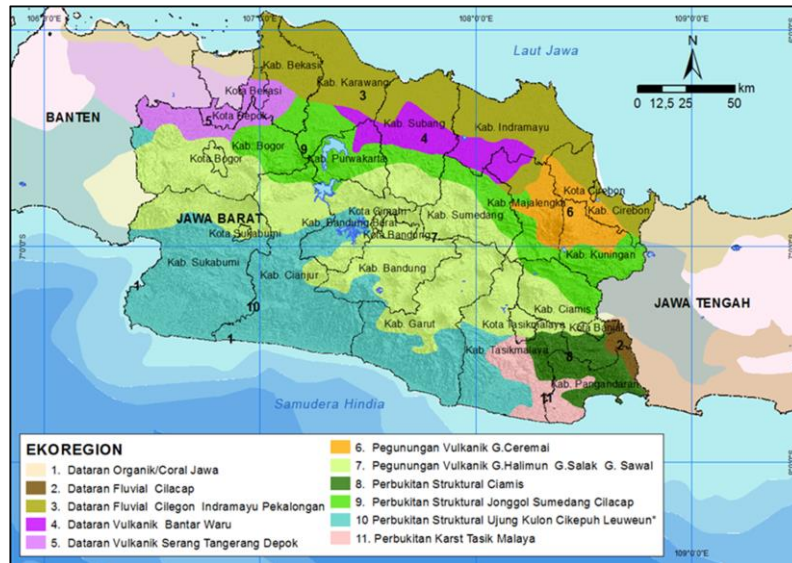
(GOALS THAT REQUIRE ACCELERATION / SPECIAL INTERVENTION)

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(Sources: Bappeda Jabar, 2023)

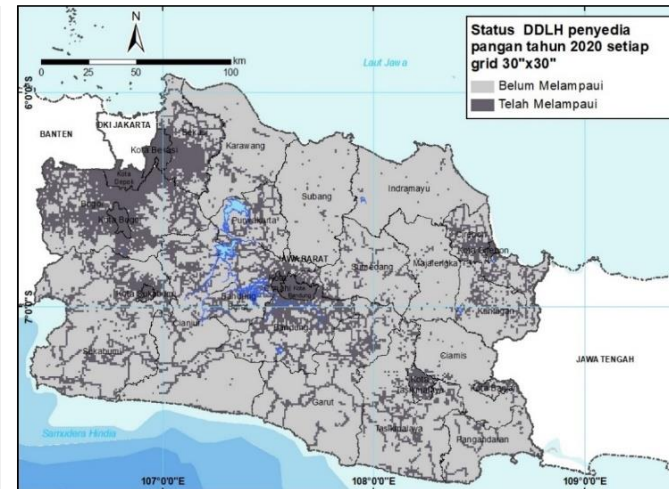


# WEST JAVA ENVIRONMENTAL CONTIDIONS IN SEA FOR REGIONAL LONG TERM DEVELOPMENT PLAN



## 1. Ecosystem Services Performance

The Halimun M. Salak M. Sawal Volcanic Mountain Complex Ecoregion (7) central region of West Java has the highest ecosystem service performance (especially in regulating water flow and flooding) in West Java so it needs to be paid attention to.

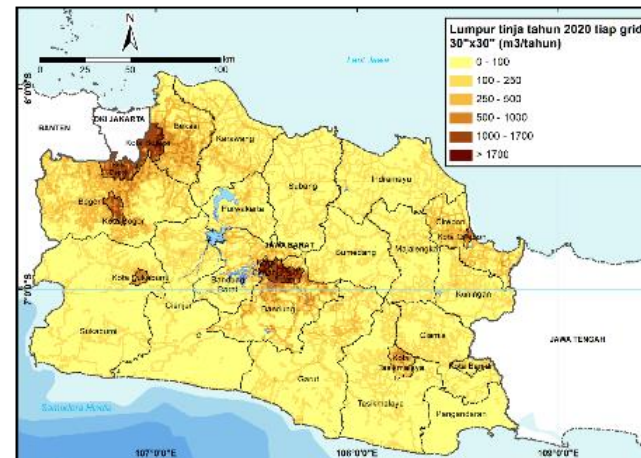
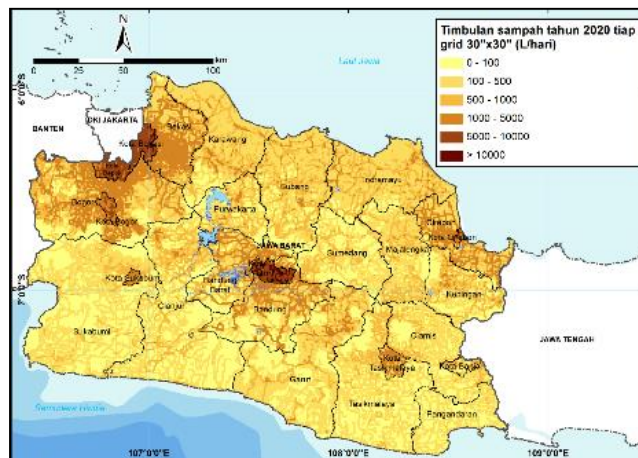
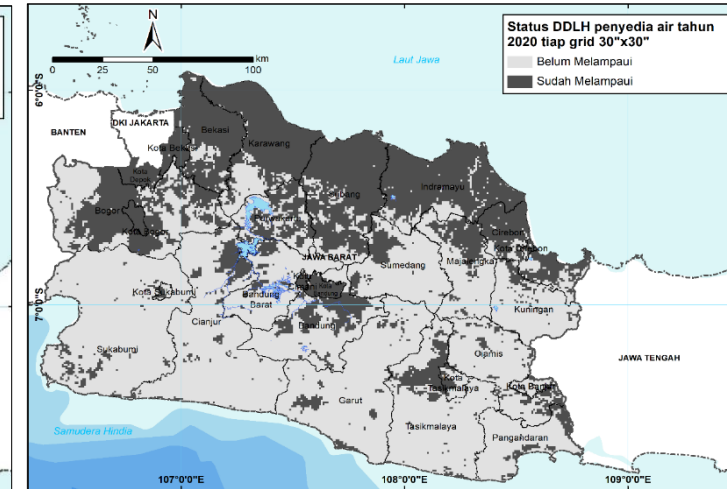


## 2a. Carrying Capacity of Environment for Food

75% of the area of West Java Province has not exceeded the food supply threshold. Accumulatively, the difference in food availability in West Java Province is still positive (sufficient).

## 2b. Carrying Capacity of Environment for Water

Around 65.41% of the West Java Province area still has not exceeded the water supply threshold (for domestic needs and agricultural land).



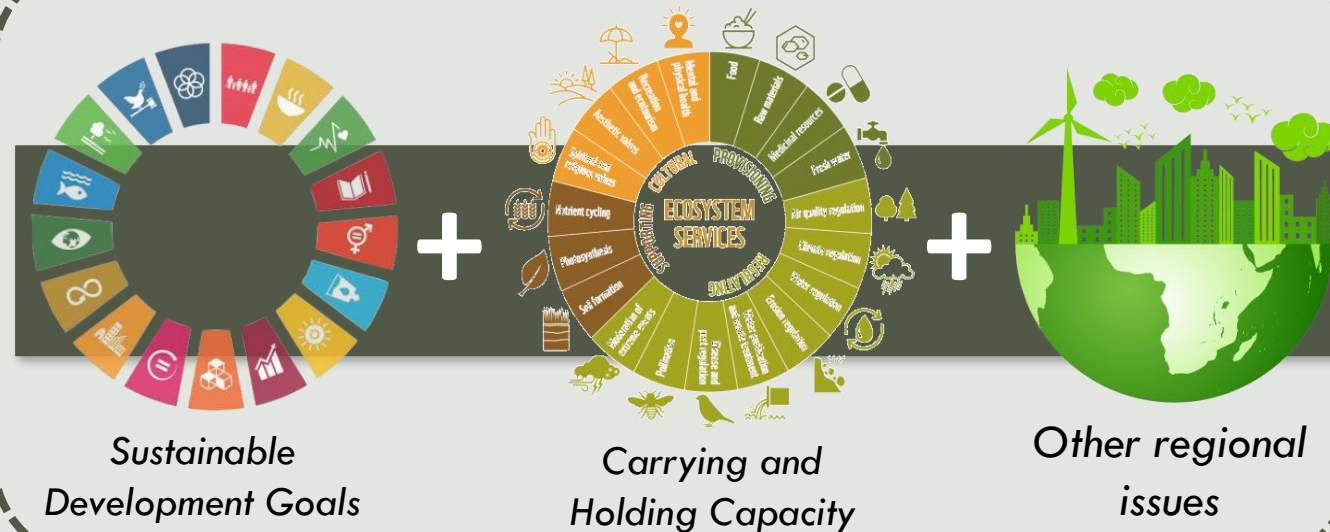
## 3a. Waste and Fecal Sludge Generation

The amount of waste and fecal sludge generation in West Java Province will increase on average by 16.50% and 15.49% per 10 years until 2050.



# INTEGRATION OF SUSTAINABLE DEVELOPMENT IN REGIONAL PLANNING DOCUMENTS

## SEA



**Minister of Home Affairs Regulation  
No. 7 of 2018 Creation and  
Implementation of SEA in Preparing  
the RPJMD**



**Integration of regional development issues,  
Stages of Sustainable Development Goals and  
Carrying Capacity in Regional Planning  
Documents**



# One of Example on SEA's Final Recommendation

SEA for Middle-term Development Plan 2018-2023

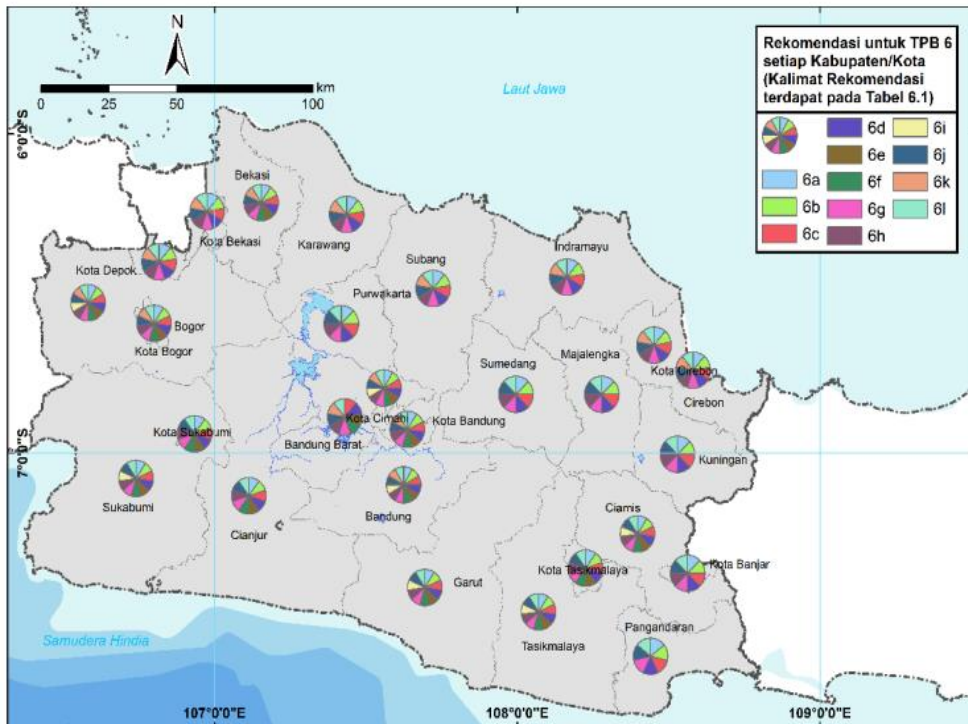
Validated by Ministry of Environment and Forestry 2021

6 AKSES AIR BERSIH  
DAN SANITASI



## TPB 6: Access to Clean Water and Adequate Sanitation

Ensure the availability and sustainable management of clean water and sanitation for all



TPB 6 Recommendation Map in West Java District/City

Based on the results of the analysis and agreement at Public Hearing I, there are 12 recommendation points to support the achievement of TPB 6 in West Java Province

Priority Number 1: TPB 6 (Access to Clean Water and Adequate Sanitation) in West Java

Outcomes	Gap	Policy Direction	Program Direction	Information on Policy Direction/Program Direction	Location Direction	Recommendation	
1. equitable access to safe and affordable drinking water	The scope of access to adequate and sustainable drinking water source services that is equitable for all communities in West Java province is still low	a. development of infrastructure for the provision of drinking water, especially in residential areas	management and development program for drinking water supply systems	Management and development of drinking water supply systems across districts/cities	all districts/cities in West Java province except West Bandung district(note: West Bandung district is projected by BAU in 2030 to have achieved the target of 100% of households having access to adequate drinking water)	6. a Management and development of drinking water services, apart from being available evenly across locations/regions, also needs to pay attention to aspects of affordability, especially for underprivileged communities	
			program to improve public infrastructure, facilities and utilities	Affairs for administering infrastructure, facilities and public utilities in settlements			
		planning, coordination and evaluation between business entities and institutions in drinking water management	economic and development programs	management of economic policy			6. b increase cooperation with stakeholders outside government, such as NGOs, development partners, private companies and others in managing the drinking water supply system; and involving indigenous communities and local cultural preservation in conservation efforts
			infrastructure and regional planning programs	facilitation and monitoring and evaluation of the preparation of planning documents in the field of water resources and the environment			
			empowerment program for social institutions, traditional institutions and customary law communities	empowerment of social institutions that operate in the field of village empowerment and provincial level traditional institutions			

**These recommendations become mandated input for West Java's development targets and programs to achieve sustainable development**





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## **WHAT WE HAVE DONE: ENVIRONMENTAL MANAGEMENT COLLABORATION**



# COOPERATION WITH ENVIRONMENTAL SERVICES NATIONAL AND INTERNATIONAL SCOPE



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No	FORM OF COOPERATION
1	The Indonesian delegation consists of the central government (ESDM), West Java Provincial Government, District/City (Bekasi City, South Tangerang City), WTE Offtaker (Vice Pres Bioenergy PLN and PJB), Private sector in the WTE sector. PLN and ESDM are committed to helping us regarding Legok Nangka
2	The development of TPPAS Cirebon Raya, there are several American WTE companies who are interested in joining, we will follow up later
3	USTDA will offer grant facilitation through American companies for feasibility studies, tech assistance, DED plans etc. in the pre-project stage
4	Temasek Foundation Leaders in Urban Governance Programme (TFLUGP).
5	Reverse Trade Mission for Waste to Energy organized by USTDA.
6	Study Trip to Denmark regarding Fly Ash and Bottom Ash (FABA)
7	Training Life Cycle Assessment dan Carbon Foot Print in Bangkok, Thailand



Receiving and Accompanying Japan Nus to Legok Nangka



Had a meeting with the Indonesian Embassy in London regarding Ryse Energy



Meeting between the Governor of West Java and Monash University regarding the Cooperation Report



Field trip to the Pasco County WTE Facility in the Florida area



Head of Conservation, Helmi Gunawan, followed suit International Visitor Leadership Program activities[ US - ASEAN Smart Cities Partnership]



CENTRE for  
**LiveableCities**  
SINGAPORE



Field trip to Covanta Montgomery County Resource Recovery in the Jessup area



# 11 AWARDS NATIONAL AND REGIONAL



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No	Award Name
1	Ministry of Environment and Forestry National Award Best II Nirwasita Tantra, West Java Province
2	Ministry of Environment and Forestry National Award for Best III Regional Government Criteria for Provincial Government Category
3	Bhumandala Award for Innovation in the Use of Geospatial Information
4	Provincial Awards West Java Public Service Innovation Competition
5	Best Innovation Award Innovation Title: Citarum DAS PPK Task Force Command Center
6	Interoperability of E-Sakip with TRK Implementation of Performance Culture
7	Regional Apparatus with the Most Transactions on Procurement Expenditures Through West Java PBJ Berdering/Bela Pengadaan
8	TOP 45 Finalist in West Java Innovation Competition "Optimization of Environmental Laboratory Waste Management Based on Waste Content Segregation"
9	4 Achievements of International Scale Proficiency Tests "Laboratory of Excellence"
10	Regional Apparatus Cooperation
11	Provinces with the highest number of gold PROPER ratings





# ACHIEVEMENTS OF THE REGIONAL TECHNICAL IMPLEMENTATION UNIT (UPTD) LABORATORY ENVIRONMENT



1. Realization of Original Regional Income (PAD) in 2022:  
**Rp 812.308.180**  
**(132% of PAD Target)**



2. Number of Costumers in2022:  
**108 Costumers (56 New Costumers)**



3. Addition of Accredited Parameters

- Color
- Amonia (SNI & Kit)
- Total Nitrogen
- Fat Oil
- Pospat
- TDS
- Nikel Dissolved



4. Construction of an International Standard Laboratory Building



5. TOP 45 Finalist Innovation Competition West Java



6. 4 Achievements of International Scale Proficiency Tests "Laboratory of Excellence"



# THANK YOU

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