

# THE DEVELOPMENT OF “MATA PERSADA” ASSESSMENT TOOL FOR GROUNDWATER PROTECTION PRACTICES



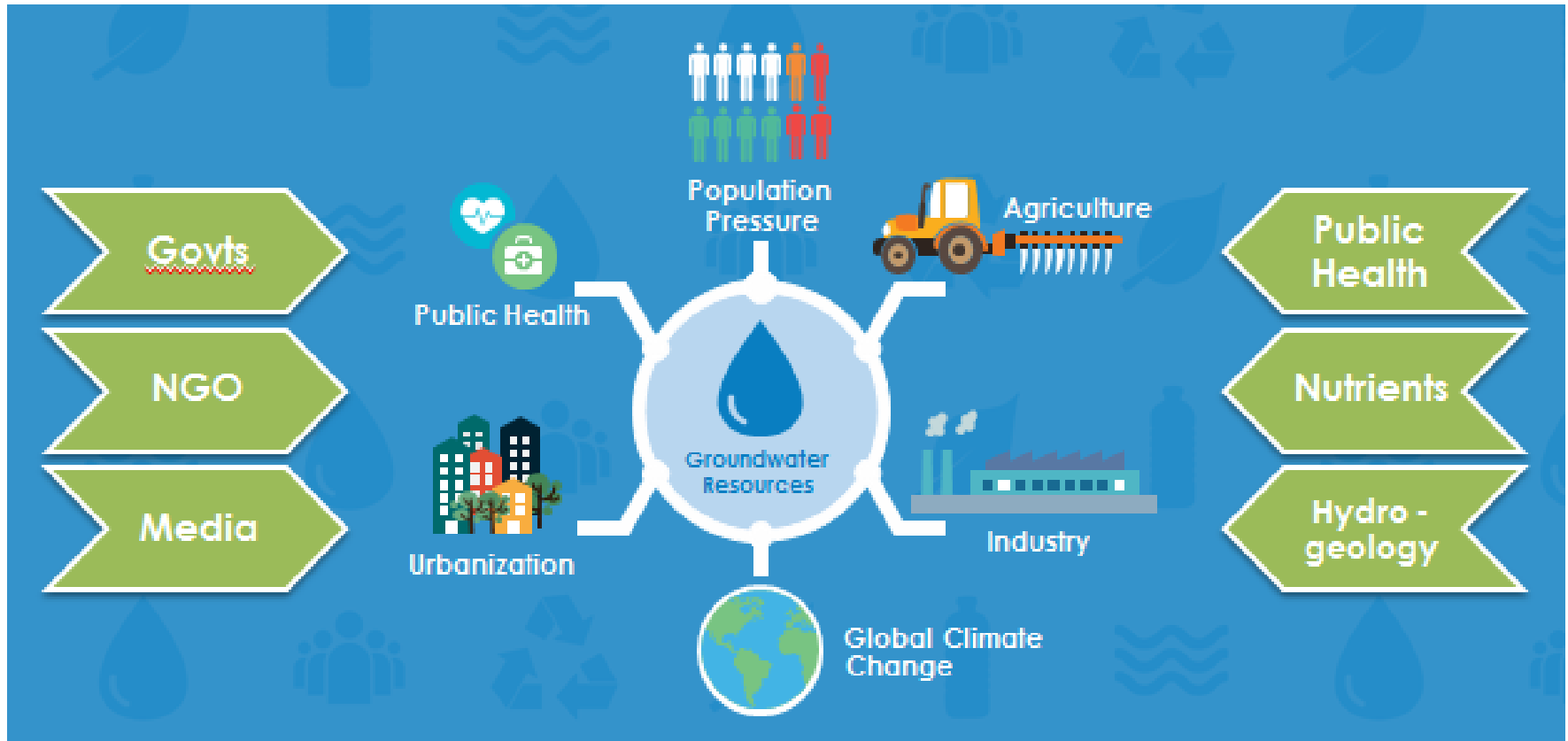
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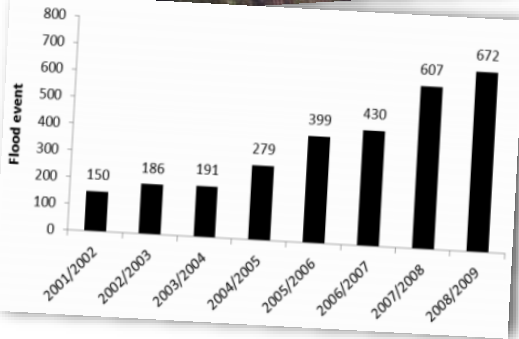
@FaintaNegoro

Montpellier, Sept 2016

# About GWWG



# Background



**The Jakarta Post**  
 Wednesday, Aug 10, 2016 | Video | 28°C

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## What next after the water law annulled

Nila Ardhanie  
 The Jakarta Post

Jakarta Term of Use 2015 10:6:33 am

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What was wrong with this ad?

Irrelevant  Repetitive  Inappropriate

## Water Resource Management To Be Under State Control

Selasa, 31 Maret 2015 17:18 WIB | 3.120 Views

Pewarta: Fardah

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THURSDAY, 05 MARCH, 2015 | 17:06 WIB

## Waters Resources Law Revoked, BKPM Ensures Investment Continuity

+ Zoom Out - Zoom In Normal

TEMPO.CO, Jakarta - The Investment Coordinating Board (BKPM) said that the government is committed to ensure the continuity of investment in the water resources sector following Constitutional Court ruling that revokes Law No. 7/2004 on Water Resources last February.

"No need to panic. The BKPM and the government are preparing a new regulation as legal basis," said BKPM chief Franky Sibarani on Thursday, March 5, 2015.

# Objectives



To **promote awareness** to all stakeholders on Sustainability of Groundwater Resources



To **develop comprehensive knowledge** on Integrated Water Resources Management



As **standard** for accreditation of the **implementation of groundwater protection** program for **groundwater users**



As **a tool for giving the permit** of continuous utilization of groundwater by the government authorities



# Parameters of MATA PERSADA

## CONSERVATION (KON)

Code	Remarks	Max. Score
KON01	Recharge Area Map	10
KON02	Vulnerability Map	10
KON03	Source Protection	10
KON04	Monitoring Protection Zone	20
KON05	Source Maintenance	20
KON06	Monitoring Catchment	20
KON07	Information of Activities in Protection Zone	4
KON08	Information of Activities in Catchment Area	4
KON09	Analysis of Flow and Level Compliance	10
KON10	Water Resource Control Plan	2
KON11	Regulation of Water Utilization	20
KON12	Regulation of Water Quality	20
KON13	Wastewater Local Compliance	10
KON14	Wastewater User Compliance	10
KON15	Sanitation Procedure	10
KON16	Hygienic Design Standard	10
KON17	Water Management Budget	10
<b>TOTAL</b>		<b>200</b>

## CONTROLLING (DAL)

Code	Remarks	Max. Score
DAL01	Water License	60
DAL02	Regulation for Groundwater Management	40
DAL03	Right on Protection Zone	40
DAL04	Risk Analysis	20
DAL05	Risk Prevention	20
DAL06	Risk Reduction	20
<b>TOTAL</b>		<b>200</b>

## UTILIZATION (GUN)

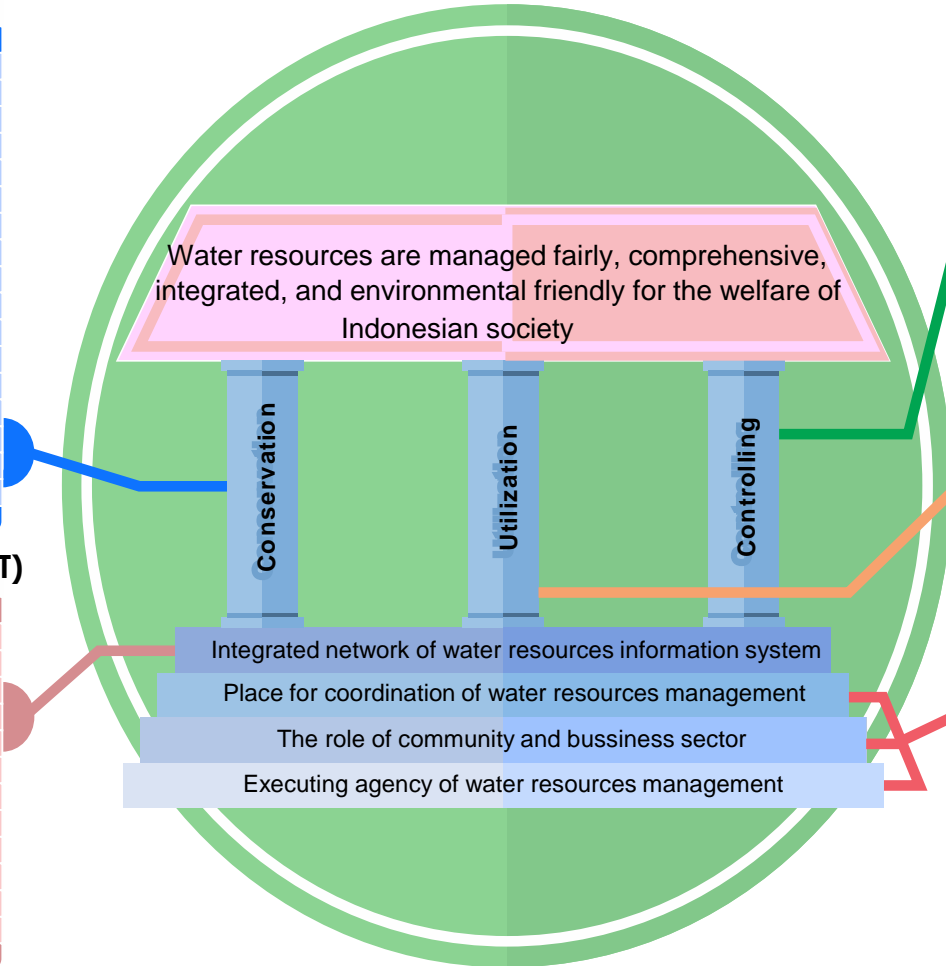
Code	Remarks	Max. Score
GUN01	Water Stress Index	20
GUN02	Local Water Need	20
GUN03	Water Capacity Plan	20
GUN04	Total Water Use Ratio	40
<b>TOTAL</b>		<b>100</b>

## DATA & INFORMATION (DAT)

Code	Remarks	Max. Score
DAT01	Situation Map	4
DAT02	Geology and Hydrogeological Report	10
DAT03	Source Log	4
DAT04	Well Construction	4
DAT05	Pumping Test	10
DAT06	Water Quality	10
DAT07	Groundwater Level Change	10
DAT08	Flow Rate Record	10
DAT09	Wastewater Volume	10
DAT10	Protection Area	4
DAT11	Local Economic Systems	4
DAT12	Detailed Hydrogeological Study	20
<b>TOTAL</b>		<b>100</b>

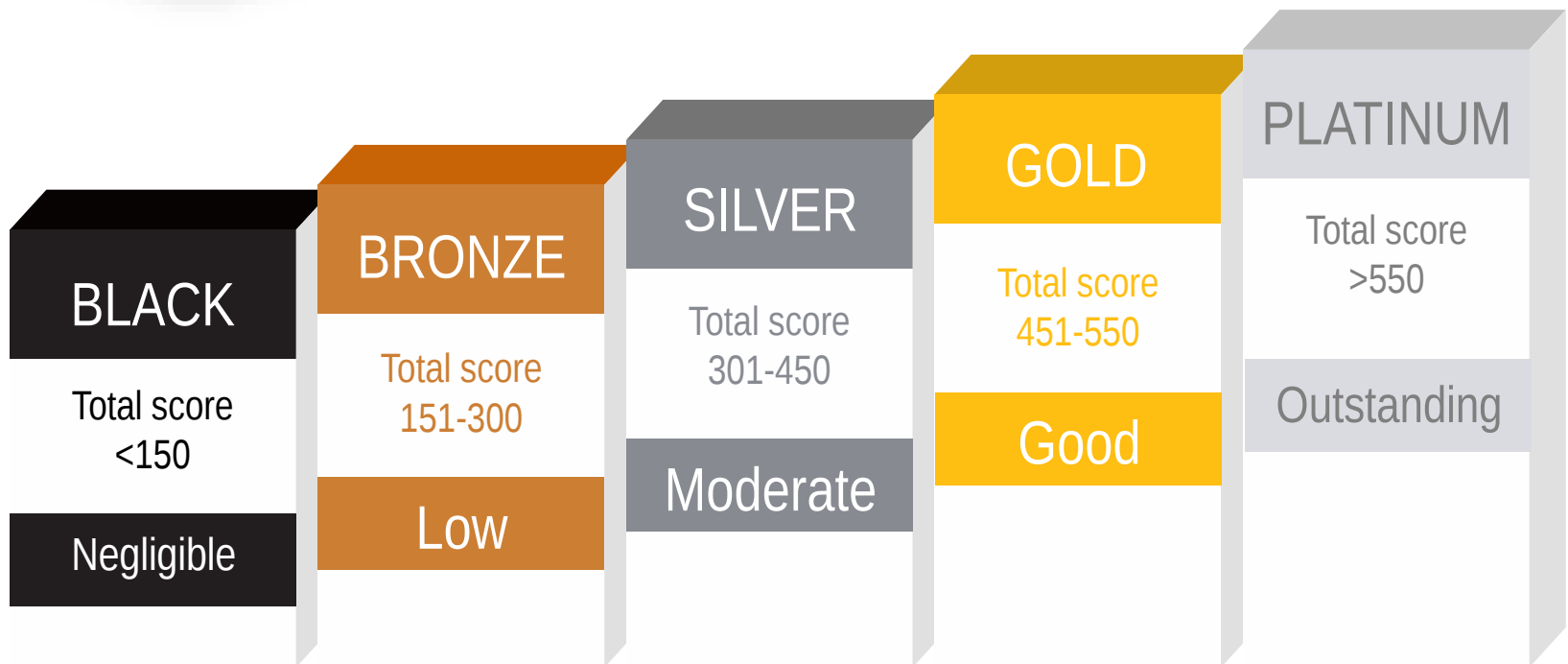
## PARTNERSHIP & INSTITUTION (MIT)

Code	Remarks	Max. Score
MIT01	Stakeholders Mapping	4
MIT02	Partnership on Water Resources	4
MIT03	Water Resources Management Institution	4
MIT04	Resources Area Protection Plan in Protection Zone	4
MIT05	Natural Areas Protection Plan	4
MIT06	Activeness and Involvement	4
MIT07	CSR Activities	20
MIT08	Water Source Operator	2
MIT09	Water Source Manager	2
MIT10	CSR and Community Position	2
<b>TOTAL</b>		<b>50</b>





# Classification of MATA PERSADA



# The ROADMAP

2017

Regional  
Recognition



2018

National  
Recognition  
(Official Water  
Stewardship  
tools in  
Indonesia)

2019

National  
Certification



# THANK YOU

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