

# **SMALL ISLANDS ADOPTION PROGRAM**

## **Developing Small Islands and Empowering Small Islands Community in Indonesia**



**DIRECTORATE OF SMALL ISLANDS MANAGEMENT  
DIRECTORATE GENERAL OF MARINE, COASTAL AND SMALL ISLANDS  
MINISTRY OF MARINE AFFAIRS AND FISHERIES  
Surabaya, 2015**

# SMALL ISLANDS IN INDONESIA



## Islands

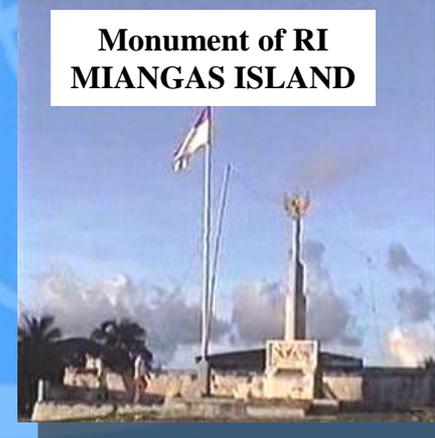
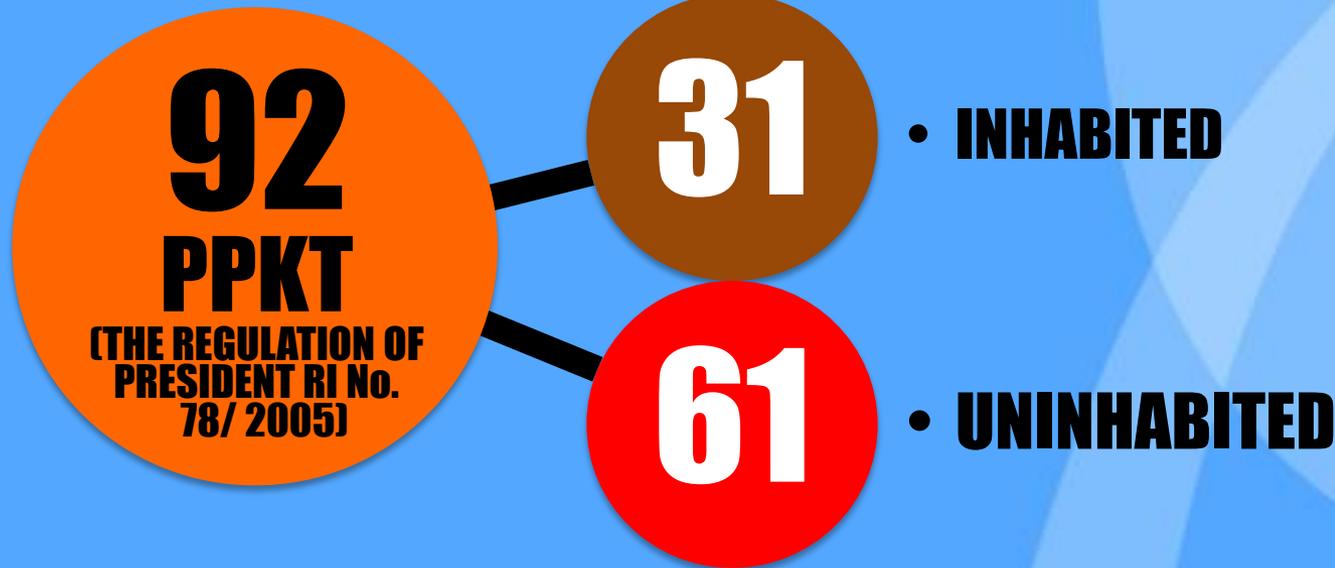
Naturally formed area of land, surrounded by water, which is above water at high tide (UNCLOS 1982)

## Small Islands

An Islands with an area of less or equal to 2.000 square kilometers together with its ecosystem (Law of Republic Indonesia No. 27 of 2007)



# SMALL OUTERMOST ISLANDS (PPKT) MANAGEMENT



**COORDINATING  
TEAM FOR PPKT  
MANAGEMENT**

(THE REGULATION OF  
PRESIDENT RI No.  
78/ 2005)



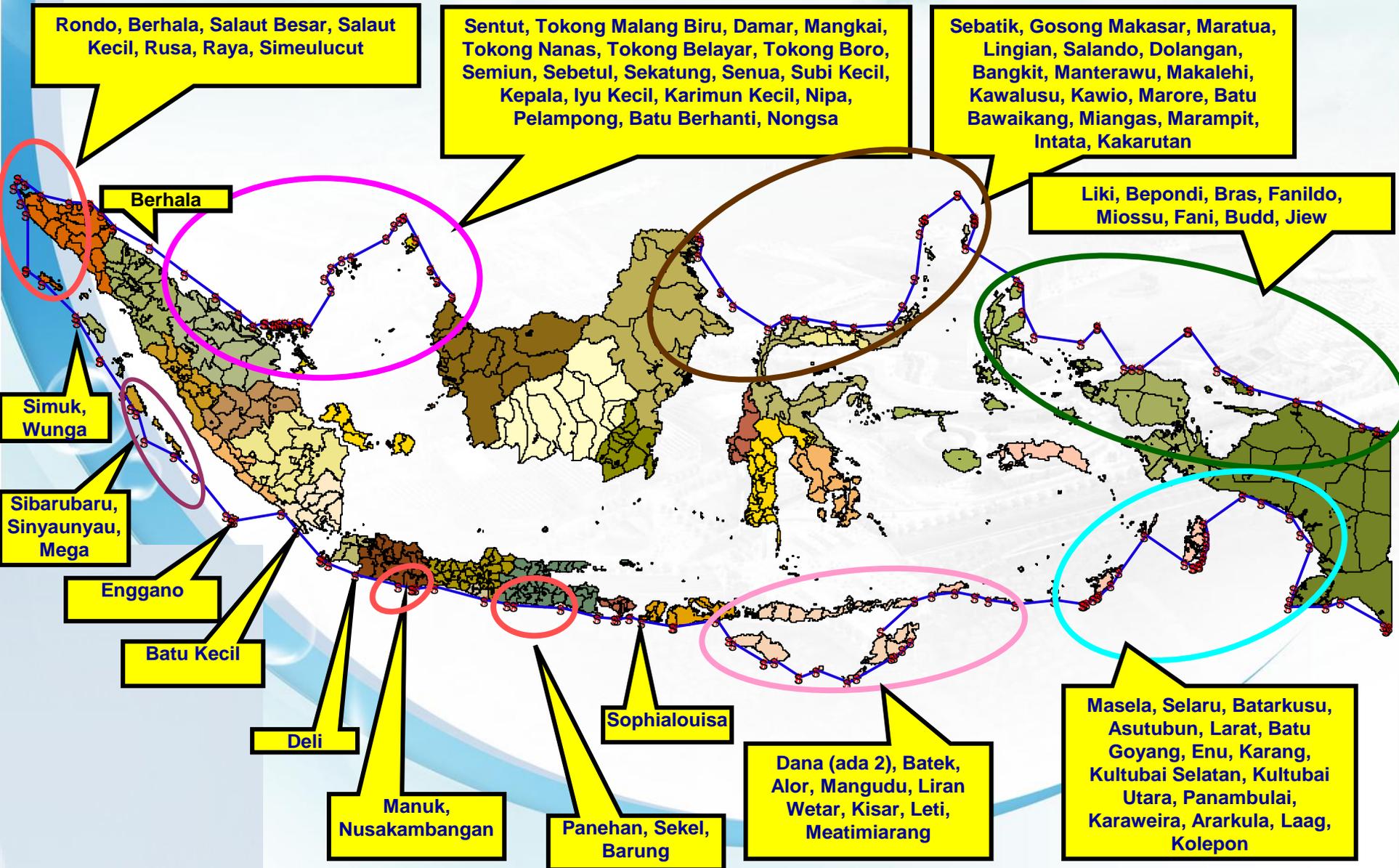
**COORDINATING  
MINISTER FOR  
LEGAL, POLITICAL  
AND SECURITY  
AFFAIRS  
LEADER**



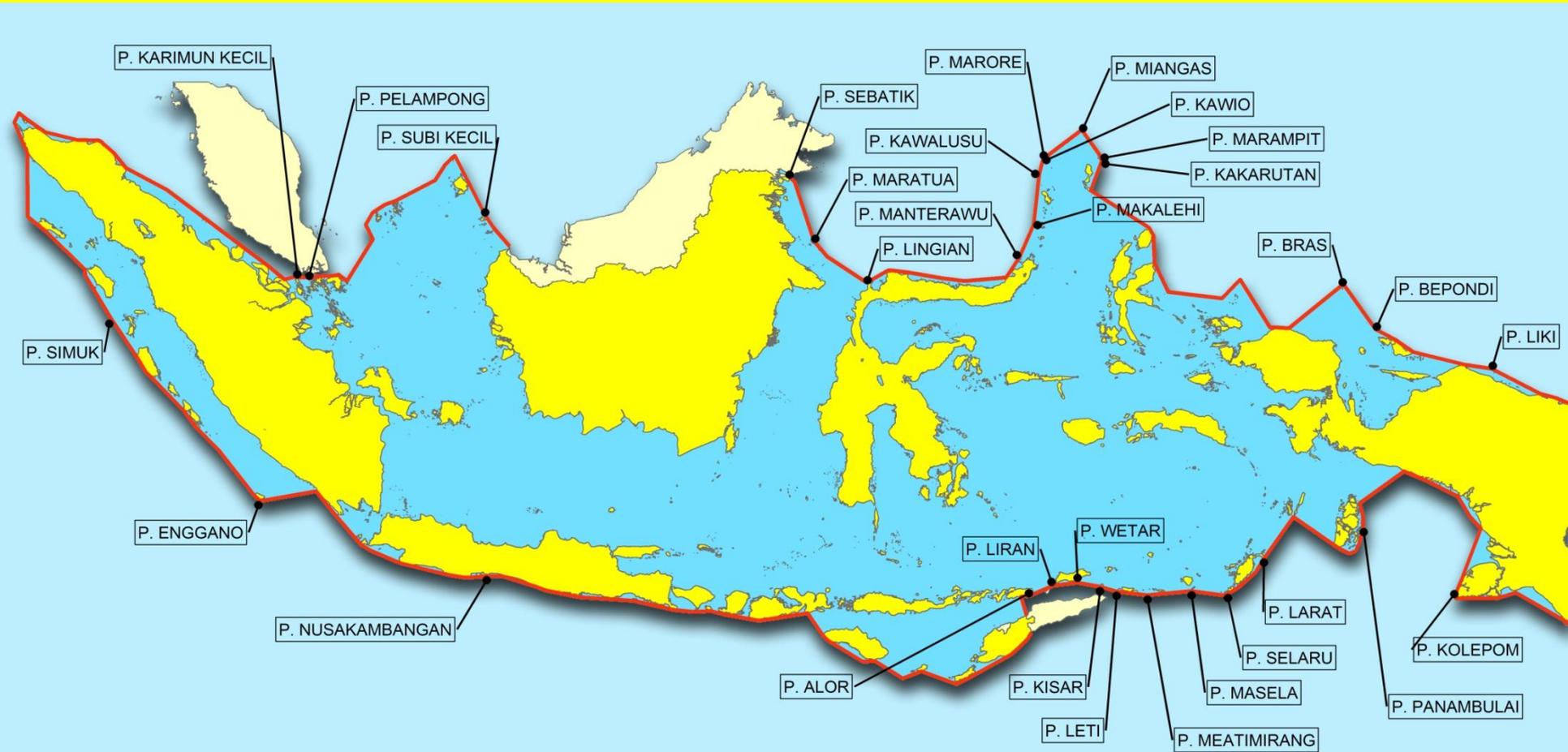
**MINISTER OF  
MARINE AFFAIRS  
AND FISHERIES**

DEPUTY & DAILY  
EXCECUTIVE

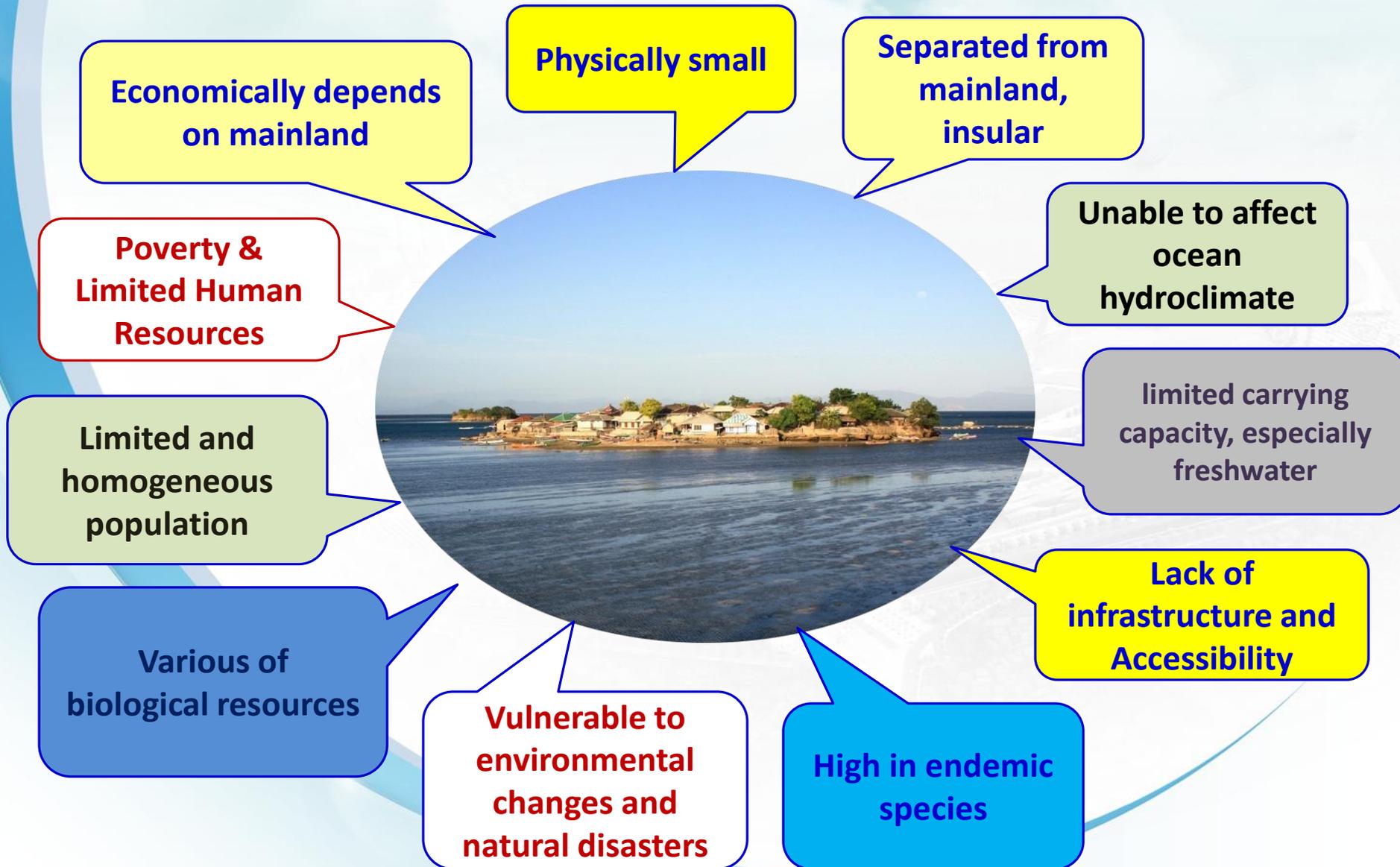
# MAP OF 92 SMALL OUTERMOST ISLANDS



# DISTRIBUTION OF 31 INHABITED OUTERMOST ISLANDS



# CHARACTERISTICS OF SMALL ISLANDS



# CHALLENGES IN DEVELOPING SMALL ISLANDS



# **SMALL ISLANDS ADOPTION PROGRAM**

**(MULTISECTORAL PARTNERSHIP PROGRAM  
IN DEVELOPING SMALL ISLANDS COMMUNITY)**



# #1: Why should we adopt small islands?

## Urgency, Objective, Benefit



### Urgency of Adopting Small Islands

Indonesia is the largest archipelagic state in the world that has 17.504 islands, 34 of which are the large island. There are 92 small outermost island in Indonesia. The management of small outermost island has been mandated in The Regulation of The President RI No. 78 / 2005.

### Benefit and Impact

Through Small Island Adoption Program, Government gives opportunity to all of stakeholder to contribute in small islands empowerment, in order to give significant impact for Small Islands Society.

## #2: Background Policy of Small Islands Adoption Program Accelerating small islands development through Social Service

PERATURAN  
DIREKTUR JENDERAL KELAUTAN, PESISIR DAN PULAU-PULAU KECIL  
NOMOR 12/PER-DJKP3K/2014

TENTANG

PEDOMAN TEKNIS ADOPSI PULAU

DENGAN RAHMAT TUHAN YANG MAHA ESA

DIREKTUR JENDERAL KELAUTAN, PESISIR DAN PULAU-PULAU KECIL,

- Menimbang** :
- a. bahwa dalam rangka peningkatan peran serta pemangku kepentingan dan percepatan pembangunan pulau-pulau kecil terluar dan pulau-pulau kecil diperlukan pedoman teknis pelaksanaan kegiatan bersama pendayagunaan pulau-pulau kecil terluar dan pulau-pulau kecil yang selanjutnya disebut Adopsi Pulau;
  - b. bahwa untuk itu, perlu ditetapkan dengan Peraturan Direktur Jenderal;
- Mengingat** :
1. Undang-Undang Nomor 27 Tahun 2007 tentang Pengelolaan Wilayah Pesisir dan Pulau-Pulau Kecil sebagaimana telah diubah dengan Undang-Undang Nomor 1 Tahun 2014;
  2. Undang-Undang Nomor 23 Tahun 2014 tentang Pemerintahan Daerah;
  3. Peraturan Pemerintah Nomor 62 Tahun 2010 tentang Pemanfaatan Pulau-pulau Kecil Terluar
  4. Peraturan Pemerintah Nomor 64 Tahun 2010 tentang Mitigasi Bencana di Wilayah Pesisir dan Pulau-Pulau Kecil
  5. Peraturan Pemerintah Nomor 47 Tahun 2012 tentang Tanggung Jawab Sosial dan Lingkungan Perseroan Terbatas;
  6. Peraturan Presiden Nomor 78 Tahun 2005 tentang Pengelolaan Pulau-Pulau Kecil Terluar;
  7. Peraturan Presiden Nomor 121 Tahun 2012 tentang Rehabilitasi Wilayah Pesisir dan Pulau-Pulau Kecil;
  8. Peraturan Menteri Kelautan dan Perikanan Nomor PER.20/MEN/2008 tentang Pemanfaatan Pulau-Pulau Kecil dan Perairan di Sekitarnya;

### Regulations:

- **The 1945 Constitution of RI, Article 33, Verse (4)** “The organisation of the national economy shall be conducted on the basis of economic democracy upholding the principles of togetherness, efficiency with justice, continuity, environmental perspective, self-sufficiency, and keeping a balance in the progress and unity of the national economy.” → **Emphasizing the urgency of distributing development.**
  - **The Law of RI No.1/2014** → **mandating partnership in Marine Development.**
  - **The Regulation of The President RI No. 78 / 2005** → **concerning The Management of Small Outermost Islands;**
  - **The Government Regulation No. 62 / 2010** → **concerning The Utilization of Small Outermost Islands,**
  - **The Regulation of MMAF No.20 / 2008** **concerning The Utilization of Small Islands and Waters Surrounding.**
- **The Regulation of DG Marine, Coastal, and Small Islands No.12/PER-DJ/KP3K/2014** **concerning The Technical Guidance for Small Island Adoption**

## #2: Background Policy of Small Islands Adoption Program

### Accelerating small islands development through Social Service

#### Social Service in Small Island Areas

- Tri-Dharma Perguruan Tinggi has 3 pillars to focus on, those are: research, education, and social-service.
- The existence of NGO has been strategic liason in community development.

#### Corporate Social Responsibility

- The Law of RI No 40 / 2007 concerning Incorporated Company, Chapter V Article 74 Verse (1)

“The Company having its business activities in the field of and/or related to natural resources, shall be obliged to perform its Social and Environmental Responsibility.”

- The Law of RI No 25 / 2007 concerning Investement, article 15 (b)

“Implement the company’s social liability.”



**Those regulations emphasize the urgency of Social and Environmental Responsibility through CSR Funding.**



# #3: Component Program of Small Islands Development

## Referring to MDGs and Sustainable Development

### 1. Economic Development

Improving the revenue of small island society through various interventions and innovations.

### 2. Education Quality Improvement

Improving the quality of formal and nonformal education for small island society.

### 3. Health Care Improvement

Improving accessibility and health care facilities for small island society, including prevention of infectious diseases and malnutrition, and sanitation improvement.

### 4. Rehabilitation of Ecosystem and Environmental Quality Improvement

Improving the quality of small island resources management sustainably and the rehabilitation of small islands ecosystem

### 5. Accessibility and Infrastructure Improvement

Improving the accessibility of communication, transportation, basic infrastructure (electricity, water) and so on.



# #4: Focus of Intervention in Small Islands Adoption Program

## Bridging the gap



### 1. Infrastructure Development

Developing infrastructure and other public facilities, especially mini-infrastructure, that would be encouraging the society productivity.

### 2. Capacity Building & Assistance

Facilitating capacity building and intensive assistance (for small islands society) regarding various topics which are potential to encourage society participation in small islands development



### 3. Joint activities

Executing joint action of various activities that support the improvement of life and environmental quality, such as beach clean-up, alternative livelihoods training, etc.

### 4. Research and Development

Executing research and development activities, and also any other strategic intervention which could be improving quality and productivity of small island.

# #5: Who takes part?

## Commitment and Contribution



### Government / Local Government

Leading to policy, planning, and strategic program which support the effectiveness of small islands development.

### College / University

Providing human resources and networking to implement program effectively

### Private Sector

Allocating its CSR to archipelagic areas and targeted small islands, according to strategic intervention of small islands adoption program.

### NGO

Providing human resources, innovation, strategic assistance, and capacity building for small islands society

### Society

Contributing in the strategic planning and implementing program effectively and sustainably.

## #6: Priority Targeted Location in Small Islands Adoption Program



### 1. Small Outermost Islands

There are 92 small outermost islands in Indonesia, 31 of which are inhabited. Those outermost islands have many potencies yet still poor and underdeveloped. In other side those outermost islands have strategic sovereignty values that should be strengthened.



### 2. Other Strategic Priority Islands

There are many coastal zones and small islands in Indonesia which suffer intense physical pressure so that require the protection, rehabilitation, and strategic improvement.

### 3. Islands around Company's site

Some companies operate close to coastal zones and small islands. So that, they need to direct their CSR program to related location effectively.

# SMALL ISLANDS ADOPTION PROGRAM

## PARTNERSHIP IN DEVELOPING SMALL ISLANDS COMMUNITY :

No	PARTNER	ISLAND
1	UNHAS	✓ Sebatik (Kab. Nunukan, Kalimantan Utara)
2	IPB	✓ Subi Kecil (Kab. Kepulauan Natuna) ✓ Nusa Kambangan (Kab. Cilacap)
3	Yayasan KALPATMA BERSAMA dan KODAM II Sriwijaya TNI AD	✓ Batu Kecil (Kab. Lampung Barat, Propinsi Lampung)
4	UNDIP	✓ Karimun Kecil (Kab. Karimun, Kep. Riau)
5	UGM	✓ Alor (Kab. Alor, Provinsi Nusa Tenggara Timur)
6	UI	✓ Larat (Kab. Maluku Tenggara Barat)
7	ITS	✓ Maratua dan Sekitarnya (Kab. Berau, Kalimantan Timur) ✓ Poteran, (Kab. Sumenep, Jawa Timur)
8	Universitas Bengkulu	✓ Enggano (Provinsi Bengkulu) ✓ Mega (Provinsi Bengkulu)
9	Universitas Halu Oleo	✓ Lingian (Provinsi Sulawesi Tengah)

Since 2012, ITS has been contributing in developing small islands community through SIDI Program

# SMALL ISLANDS ADOPTION JOINT PROGRAM

4. Cooperation Agreement (CA) with Sepuluh Nopember Institute of Technology No. 04/KP3K/KKP/PKS/XI/2012 and No. 40/PKS/ITS/2012 dated 10 November 2012 concerning Small Islands Management on Maratua Islands, Berau Regency and Poteran Island, Sumenep Regency.

**Implementation : In Progress Phase**



# COMMUNITY DEVELOPMENT IN POTERAN ISLANDS

## A. ECONOMIC IMPROVEMENT

### 1. Training on Seafood Processing : fishball, nuggest, fishnoodle, fish crackers, 2012



### 2. Supporting Equipments



Supporting on food security improvement:

- corn sheller,
- flour machine, and
- cassava manual chopper

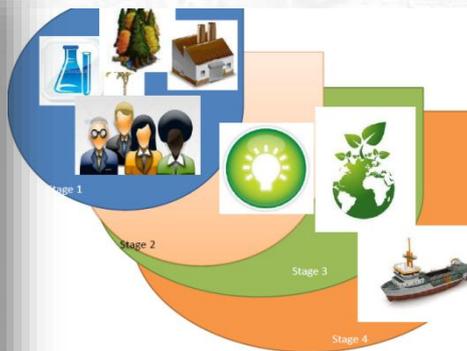
# COMMUNITY DEVELOPMENT IN POTERAN ISLANDS

## B. Rehabilitation of Ecosystem and Environmental Quality Improvement



Waste treatment facilities

## C. Research on valuable herbal extract products, Moringa Oleifera, Sp (Joint project with Wismar University)



# COMMUNITY DEVELOPMENT IN SEBATIK ISLAND

## A. Economic Development

1. Equipments provision :
  1. outboard engines (mesin tempel), 25 pk, 22 units
  2. Cool Box 100 Ltr, 22 units
2. Capacity building, through technical guidance:
  1. Fisheries Technology
  2. Seafood, mangrove and Seaweed Processing



## B. Education Quality Improvement

Counseling on waste treatment system by UNHAS students Intership



# COMMUNITY DEVELOPMENT IN SEBATIK ISLAND

## C. Rehabilitation of Ecosystem and Environmental Quality Improvement

Environmental management training: *Zero waste implementation*



Trash bins and Village Boundary Signs Provision



Beach Clean up



Handy crafts, Recycling plastic waste



Organic waste management (composting)

# COMMUNITY DEVELOPMENT IN LARAT ISLAND



## A. Training on Disaster Mitigation and Climate Change Adaptation:

- Disaster Risk Reduction
- Emergency response simulation
- Making maps and evacuation signs
- Mangrove planting



## B. Economic Improvement through Training on Alternatives Livelihoods (Food processing)

# COMMUNITY DEVELOPMENT IN NUSAKAMBANGAN ISLAND



## A. Training on Disaster Mitigation and Climate Change Adaptation:

1. Disaster Risk Reduction
2. Emergency response simulation
3. Making maps and evacuation signs
4. Mangrove planting



## B. Economic Improvement

### Minawisata Area Development

1. Business plan
2. Outboard engines 25 pk, 9 units
3. Mangrove tracking, sized 2 x 350 m



### RENCANA PENGEMBANGAN INDUSTRI DAN PARIWISATA MANGROVE DI KAWASAN SEGARA ANAKAN NUSAKAMBANGAN



## C. Education Quality Improvement

### by IPB students Internship

1. Counseling on : education and religion affairs; fisheries and agricultural affairs; Health and sanitation affairs
2. Producing Velticulture media
3. Surveying potency and problem of minawisata development.



# INFRASTRUCTURE DEVELOPMENT IN SMALL ISLANDS BY PROVIDING SMALL ISLANDS BASIC NEEDS



**Rumah Pembangkit PLTS**



**SOLAR POWER SYSTEM**



**SEAWATER  
DESALINATION**



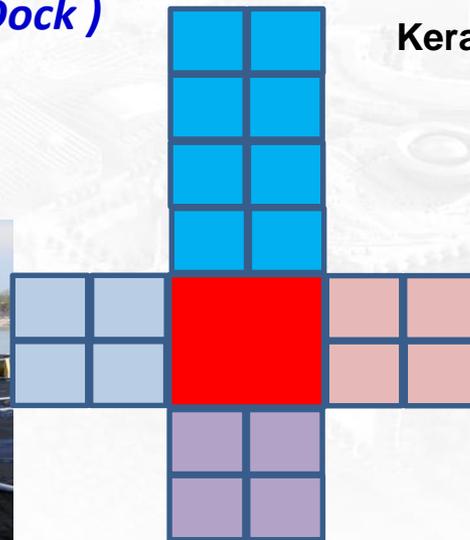


## INFRASTRUCTURE DEVELOPMENT IN SMALL ISLANDS

Tracking Mangrove, Gazebo, and HDPE Floating Jetty to support Minawisata in Nusakambangan Island, Kab. Cilacap



***Keramba Jaring Apung (HDPE Floating Dock )  
Pusat Informasi dan  
Aktivitas Minawisata PPK***



**Keramba Jaring Apung Farming as  
A Tourism Attraction**

-  Economic Fish Nets
-  Endemic Fish Nets
-  Ornament Fish Nets
-  Quarantine Fish Net
-  Floating House for information centre, rest area and seafood restaurant

# IMPLEMENTATION PROGRAM MARATUA & POTERAN ISLAND

Location		Program	Explanation
Maratua	1.	Ice Machine	<ul style="list-style-type: none"> <li>• Dit. Pendayagunaan Pulau-pulau Kecil, KP3K, KKP (2012)</li> <li>• Rp. 510.000.000,-</li> </ul>
	2.	Solar Power Plant	<ul style="list-style-type: none"> <li>• Desa Teluk Harapan, Maratua (2014)</li> <li>• Joint Cooperation with Ministry of Energy and Mineral Resources RI</li> <li>• Rp. 8.000.000.000,-</li> <li>• Specs: 50 Kwp</li> </ul>
	3.	Water Supply System (Desalination)	<ul style="list-style-type: none"> <li>• Desa Bohe Silian (2014)</li> <li>• Project by Ministry of Public Works</li> <li>• Rp. 4.000.000.000,-</li> </ul>
	4.	SIDI Program	<ul style="list-style-type: none"> <li>• ITS – Wismar University (2014)</li> <li>• Reserach on Ecotourism</li> </ul>
	5.	Feasibility Study	<ul style="list-style-type: none"> <li>• Dit. Pendayagunaan Pulau-pulau Kecil, KP3K, KKP (2014)</li> <li>• Assessment of Investment Prospects in Maratua Island</li> </ul>
	6.	Rumah Pintar	<ul style="list-style-type: none"> <li>• Desa Teluk Harapan (2014)</li> <li>• Project by Ministry of Education and Culture RI</li> <li>• RP. 200.000.000,-</li> </ul>
Poteran	1.	Training on Food Processing	<ul style="list-style-type: none"> <li>• Dit. Pendayagunaan Pulau-pulau Kecil, KP3K, KKP (2012)</li> </ul>
	2.	SIDI Program	<ul style="list-style-type: none"> <li>• ITS – Wismar University</li> <li>• Research on <i>Moringa Oleifera sp</i> (Tanaman Kelor)</li> </ul>

# IMPLEMENTATION PROGRAM 2015 (PLANNING)

## MARATUA & POTERAN ISLAND

Location		Program	Explanation
Maratua	1.	Floating Jetty	<ul style="list-style-type: none"> <li>• 4 locations (P. Sangalaki, Kakaban, Maratua, Derawan)</li> <li>• ± Rp. 20.000.000.000,-</li> </ul>
	2.	Solar Power Plant	<ul style="list-style-type: none"> <li>• Joint Cooperation with Ministry of Energy and Mineral Resources RI</li> <li>• 1 Location</li> <li>• Specs: 75 Kwp</li> </ul>
	3.	Telecommunication (Signal Booster)	<ul style="list-style-type: none"> <li>• Joint cooperation with Ministry of Communication and Informatics RI</li> </ul>
	4.	Indonesia Independence Day Ceremony	<ul style="list-style-type: none"> <li>• August 17 Annual ceremony by involving related stakeholders</li> </ul>
	5.	Jazz Festival dan Dive Fiesta	<ul style="list-style-type: none"> <li>• Kerjasama dengan Warta Jazz</li> <li>• Rencana: September 2015</li> </ul>
Poteran	1.	Training for Community (Bimbingan Teknis Masyarakat)	<ul style="list-style-type: none"> <li>• Topic Options:</li> <li>• Disaster Management (Tsunami Drill, mangrove planting)</li> <li>• Environmental Quality Improvement (Mangrove rehabilitation, waste treatment)</li> <li>• Alternative Livelihoods (Training on food processing)</li> </ul>
	2.	Supporting fund (Dana kerjasama kemitraan adopsi pulau)	<ul style="list-style-type: none"> <li>• Rp. 40.000.000,-</li> </ul>



# THANK YOU

**Directorate of Small Islands Management  
Directorate General of Marine, Coastal, and Small Islands  
Ministry of Marine Affairs and Fisheries  
Gedung Mina Bahari III Lt. 10, Jl. Medan Merdeka Timur  
No. 16 Jakarta Pusat, Telp./Fax: 021-3522058  
Website: <http://www.ppk-kp3k.kkp.go.id>  
Email : [adopsi@kkp.go.id](mailto:adopsi@kkp.go.id)**