



# **JICA's Efforts on Forest Fire and Peatland**

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# 1. Our previous cooperation on Forest and Land Fire in Indonesia

## (1) 20 year's Technical Cooperation for Forest and Land Fire

Timeline	Phase 1 1996-2001	Phase 2 2001-2006	Phase 3 2006-2009	Phase 4 2010-2015
<b>Target Area</b>	National Forest(HL) <HP, National Park>	National Forest(HL) <National Park>	National Forest(HL), <Except for National Park>	National Forest & Surrounding Area <b>&lt;Peatland&gt;</b>
<b>Major Components</b>				
<b>Early Warning / Detection</b>	Hotspot detection , Fire Hazard Map , Feedback System, etc			
<b>Early Fire Extinguishing</b>	Establishment of Manggala Agni(MA) →Participatory Patrol System(Trial)			
<b>Fire Prevention</b>	Awareness , Extension, Training		1)Regulation/Law/Plan (Ministerial decree, DG's degree ) 2) Manggala Agni for Fire Fire Prevention	
	Field Activity Green Belt Model→Participatory Facilitation →Community Based Fire Prevention			

# 1. Our previous cooperation on Forest and Land Fire in Indonesia

## (2) JICA/JST Science and Technology Cooperation (SATREPS) on Peatland

Project title	Wild Fire and Carbon Management in Peat-forest in Indonesia
Project period	Four years (2010- 2014)



## 2. Our new cooperation on Forest and Land Fire in Indonesia

### (1) Technical Cooperation under preparation

Project title	The Project for Community Movement Program on Fire and Land Prevention
Project period	Five years (2017- 2022) (expected to start from April, 2017)
Project Purpose	One model district, where hotspots and burnt area are decreased, is established in each targeted province
Major Component	<ol style="list-style-type: none"><li>1) Capacity Development for <b>Forest and Land Fire Control</b></li><li>2) Development of <b>6 Model Districts</b> (one district in each target province)</li><li>3) Development of <b>Community-based Peatland Management</b></li><li>4) <b>Policy Support</b> on Community-based forest and land fire prevention</li></ol>
Target Area	<b>Six districts</b> in six provinces (Riau, West Kalimantan, Jambi, South Sumatra, Central Kalimantan and East Kalimantan provinces)
Executing Agency	<ul style="list-style-type: none"><li>• Directorate of Forest and Land Fire Control, DG of Climate Change, Ministry of Environment and Forestry (MoEF)</li></ul>
Implementing Agency	<ul style="list-style-type: none"><li>• Directorate of Forest and Land Fire Control, DG of Climate Change in cooperation with Directorate of Peat Damage Control, DG of Environmental Damage and Pollution Control, MoEF</li><li>• Provincial and District Governments</li></ul>
Collaborating Agency	Peatland Restoration Agency (BRG)

## 2. Our new cooperation on Forest and Land Fire in Indonesia

### - Outline of Community Movement Program on Fire and Land Prevention

Overall Goal (target year 2027)

New model district(s), where hotspots and burnt area are decreased, is established in the target and/or other provinces

Project Purpose (target year 2022)

The Project for Community Movement Program on Fire and Land Prevention

#### Output 1

Capacity Development for  
**Forest and Land Fire Control**

- 6 Districts, 78 KPH, YYY villages

- 1) Strengthen **Forest & Peatland fire control WG** (Pokja/Stagas)
- 2) Build **Work Mechanism** of Forest & Peatland Fire Control
- 3) Formulate **Action Plan** after mapping of resources of forest & peatland fire control
- 4) Provide **Basic Equipment** of forest & peatland fire control at village level
- 5) Develop & disseminate **KPH model**

#### Output 2

Development of  
**Fire Free Districts**

- 6 districts in 6 provinces

- 1) Strengthen **village capacity for forest and land fire prevention** through facilitation approach
- 2) Strengthen **community-based early warning system** by using SIPONGI etc.
- 3) Implement **“Patoroli Terpadu”**
- 4) Develop environment-friendly and sustainable rural business model of agriculture
- 5) Facilitate **peer learning** on PLTB (land management without burning)

#### Output 3

Development of  
**Community-based Peatland Management**

- 6 sites in 6 provinces

- 1) Strengthen one **village capacity for peatland management and restoration**
- 2) Design and conduct **peatland water management** and restoration (eg. channel blocking)
- 3) Support a **partnership program** between concession holders and communities
- 4) Support **alternative livelihood** option and peer learning
- 5) Facilitate **peatland monitoring** and early warning village and local government for peatland fire prevention

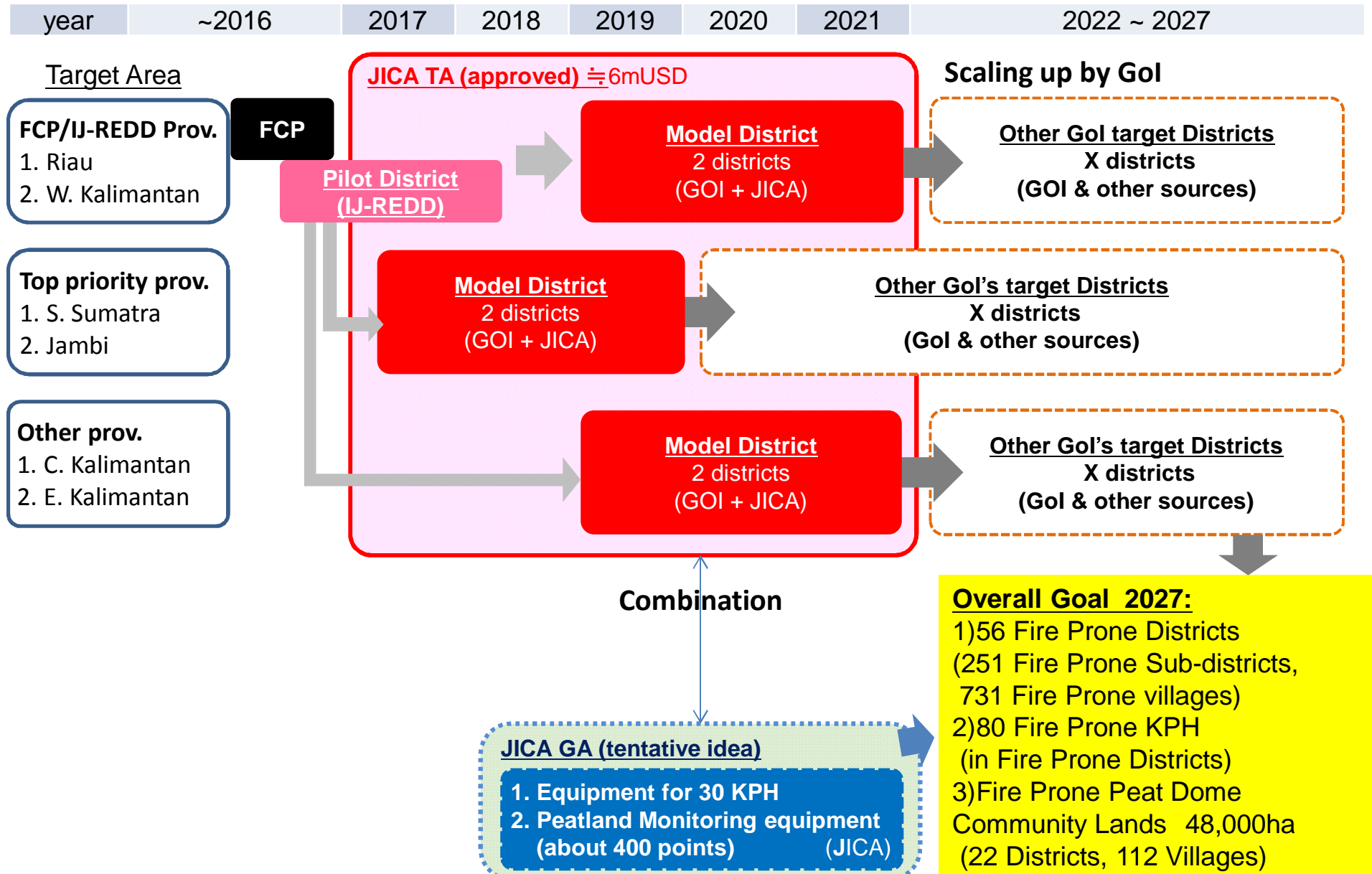
#### Output 4

**Policy Support**  
on Community-based forest and land fire prevention

- 1) Review and Disseminate national **policies** on forest and land fire control and peatland management
- 2) Conduct **impact evaluation study**
- 3) Coordinate among stalk holders
- 4) Support study on **Fire free alternative crop industry** Development
- 5) **Disseminate** project outcomes

## 2. Our new cooperation on Forest and Land Fire in Indonesia

### - Tentative Flowchart





## 2. Our new cooperation on Forest and Land Fire in Indonesia

### (2) Urgent Technical Cooperation on Peatland Restoration (under preparation)

Project title	<b>Basic Information Survey for Peatland Restoration</b>
Project period	One year (2016 - 2017) (expected to start from December, 2016)
Project Purpose	to develop peatland restoration portfolio options prioritized in four districts which can be duplicated in other peatland restoration priority areas
Major Component	<ol style="list-style-type: none"><li>1) <b>Proposing Peatland monitoring system</b>, and Monitoring on peatland conditions at 14 sites</li><li>2) Profiling surveys of the target area and quick <b>preliminary feasibility study</b> for facilitating <u>peatland restoration by private business investment</u></li><li>3) Stakeholders' coordination and Project Formulation for further Cooperation</li></ol>
Target Area	<b>4 priority districts</b> <ul style="list-style-type: none"><li>- Kepulauan Meranti District (Riau)</li><li>- Ogan Komering Ilir District and Musi Banyuasin District (South Sumatera)</li><li>- Pulang Pisau District (Central Kalimantan)</li></ul>
Executing Agency	<ul style="list-style-type: none"><li>• <b>Peatland Restoration Agency (BRG)</b></li></ul>
Collaborative Agency	<ul style="list-style-type: none"><li>• Directorate of Forest and Land Fire Control, DG of Climate Change in cooperation with Directorate of Peat Damage Control, DG of Environmental Damage and Pollution Control, MoEF</li><li>• Provincial and District Governments</li></ul>

**Thank you for your attention !**