

## Recommended Solutions

Policy Action:

Establish a “National Demonstrator” project to demonstrate the reliability, practicality and financial feasibility of newly invented peatland water management technology.

Mode of Action:

International Capacity Building for a national expert consultation working group through the development of an operational, reliable, credible, and feasible prototype of peatland water management carried out on national demonstrator R&D field stations.

Policy Action:

Establish a “Collaborative Learning” program for technology diffusion to transfer and operationally implement the newly invented prototyped of peatland water management technology.

Mode of Action:

On the Job Training for personnel of KPH, HTI, HPH, and other local stakeholders carried out on national demonstrator R&D field stations followed by a certain time of trial and adjustment in their areas. The program is designed and implement by national expert consultation working group

## 2.1.4. Concrete actions plans and ideas

### 2.1.4.1. Plans for domestic actions and measures

Plans for domestic actions and measures are presented in Tables 25, 26 and 27 for Sub-National Collaborative Learning for Forest-Peat Carbon Measurement and Monitoring, Unified Peat Re-Mapping Technology, and Peatland Water Management Technology, respectively.

**Table 2-13 Sub-National collaborative learning for forest-peat carbon measurement and monitoring**

Description													
Policy action	Establish a “Collaborative Learning” program for technology diffusion to transfer and operationally implement the newly invented prototype of integrated peat-forest carbon measurement and monitoring technology												
Objective	To provide complete and updated information system on forest carbon stock covering sub-national level												
Approach	On the Job Training for personnel of KPH, HTI, HPH, and other local stakeholders carried out on national demonstrator R&D field stations followed by a certain time of trial and adjustment in their areas. The program is designed and implement by national expert consultation working group.												
Measures	M6. Establish coordination forum of relevant ministries , KPHs, and other stakeholders M7. Carry out on-site job training for development and implementation of Integrated national-sub national carbon measurement model M8. Develop and implement organization mechanism to distribute information												
Incentives	I5: Sub-national coordination forum I6.: On-site job training for integrated National-sub national modelling and implementation I7: Organization mechanism to distribute information I8. Financial schemes for M6,M7,M8												
Timeline													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Action</th> <th style="width: 20%;">Year 1</th> <th style="width: 20%;">Year 2 - 5</th> <th style="width: 20%;">Year 6 - 10</th> </tr> </thead> <tbody> <tr> <td>Measures</td> <td>M6,M7</td> <td>M7, M8</td> <td>M7, M8</td> </tr> <tr> <td>Incentives</td> <td>I5,I6,I7,I8</td> <td></td> <td></td> </tr> </tbody> </table>	Action	Year 1	Year 2 - 5	Year 6 - 10	Measures	M6,M7	M7, M8	M7, M8	Incentives	I5,I6,I7,I8		
Action	Year 1	Year 2 - 5	Year 6 - 10										
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West Indonesia	Sumatra, Kalimantan	Sumatra, Kalimantan											
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**Table 2-13 (Continued)**

Description			
Resources Needed			
	Software	Knowhow from previous R&Ds, Forest-peat biomass and carbon models	
	Hardware	“National Demonstrator” Field station and supporting R&D facilities	
	Organiware	coordination forum of relevant ministries , KPHs, and other stakeholders	
	Policy	I5,I6,I7,I8	
	Budget	P.M.	
Coordinating, Implementing, Contributing Agency			
	Coordinating Agency	Implementing Agency	Participating Agency
	Ministry of Forestry	DG of Forest Planning of Ministry of forestry	KPH HTI HPH Conservation forest Institutions Other local stakeholders

**Table 2-14 Sub-National collaborative learning for unified peat re-mapping technology**

Description				
Policy action	Establish a “Collaborative Learning” program for technology diffusion to transfer and operationally implement the newly invented prototype of integrated peat-forest carbon measurement and monitoring technology			
Objective	To provide complete and updated information system on forest carbon stock covering sub-national level			
Approach	On the Job Training for personnel of KPH, HTI, HPH, and other local stakeholders carried out on national demonstrator R&D filed stations followed by a certain time of trial and adjustment in their areas. The program is designed and implement by national expert consultation working group.			
Measures	M6. Establish coordination forum of relevant ministries , KPHs, and other stakeholders M7. Carry out on-site job training for development and implementation of Integrated national-sub national carbon measurement model M8. Develop and implement organization mechanism to distribute information			
Incentives	I5: Sub-national coordination forum I6.: On-site job training for integrated National-sub national modelling and implementation I7: Organization mechanism to distribute information I8. Financial schemes for M6,M7,M8			
Timeline				
	Action	Year 1	Year 2 - 5	Year 6 - 10
	Measures	M6,M7	M7, M8	M7, M8
	Incentives	I5,I6,I7,I8		
Geographic Scope	West Indonesia		Sumatra, Kalimantan	Sumatra, Kalimantan
	East Indonesia		Sulawesi, Irian	Sulawesi, Irian
Resources Needed				
	Software	Knowhow from previous R&Ds, Forest-peat biomass and carbon models		
	Hardware	“National Demonstrator” Field station and supporting R&D facilities		
	Organiware	coordination forum of relevant ministries , KPHs, and other stakeholders		
	Policy	I5,I6,I7,I8		
	Budget	P.M.		