

c) Completion the National Strategy

From the results obtained from the action plans for each prioritized technology in each sub-sector, the description of National Strategy and Action Plan towards development objectives related to Sustainable Forest Management in the periods are described in Table .

Table 62 - National Strategy

(For the transferring and development of technologies aimed at mitigation)

	0 - 5 year	5 - 10 year	10 -15 year
The long-term technology			
Technology for Sustainable Forest Management			
To set up a National Working Group (NWG) on Sustainable Forest Management	X		
To develop the legal framework	X	X	
Develop national standards system on sustainable forest management	X	X	
Balancing among economic, environmental and social objectives	X	X	
Preferential loans for the forestry businessmen	X	X	
To enhance the training for staffs	X	X	
International cooperation in research and transfer technology	X	X	

3.4.1.2. Action Plan for Afforestation technology

a) Synthesizing and rationalization identified measures to promote technology

The list of measures to promote the development and transfer technology have been compiled in Table .

Table 63 - Gathering measures for building Strategy

Strategic measures	Innovation	Deployment	Demonstration
Network establishment			
Establishment of associations of forestry businessmen	X	X	X
Building and developing a network of research institutes and research centers	X	X	X
Policies and measures			
Finishing processes, technical rules of planting, enrichment planting, forest exploitation	X	X	X
Testing, evaluating, assessing and renewing policies	X	X	X
Change behavior / organization			

Improving management capacity	X	X	X
Actions to support market			
Promote the demonstration of reforestation models that have FSC certificate	X	X	X
Increasing budget investment, innovation of appropriate methods	X	X	X
Training skills and education			
Cooperation with partner countries to implement programs in forestry research	X	XX	XX
International cooperation and intellectual property			
International cooperation for mutual understanding and enlist the support of international community	X	XX	XX

* Note: The indicated symbols are similar to Table .

b) Prioritizing and characterization of the measures to promote afforestation technology

Prioritized measures are described in Table below.

Table 64 - Preferences and the characteristics of the measures to promote Afforestation Technology

Sector: LULUCF							
Specific Technology and category: Afforestation and reforestation/Short-term, large scale							
Innovation stage: Deployment – Diffusion							
Measure (grouped under core elements)	Pri- ority	Why is it important?	Who should do it?	How should they do it?	Time- scale	Monitoring, reporting and verification for measure	Estimated costs (1,000 USD)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Network establishment of experts							
Establishment of associations of forestry businessmen	2	To promote the role and effects of institutions and units aimed at supporting mutual cooperation in order to develop technology	MARD, MONRE, localities	-To promulgate legal documents for the establishment of societies, associations; -Develop operational regulations.	5 years	MARD	25
Building and developing a network of research institutes and research centers	2	To assist technique for forestry production entities;	MARD	To invest in infrastructure construction, new equipment and additional research facilities, laboratory	5 years	MARD	3,125
Policies and measures							
Finishing processes, technical rules of planting, enrichment planting, forest exploitation	1	To improve quality and economical efficiency of forest	DOF	-To review and assessment, workshops on the issued regulations -To amend and supplement the regulatory process	5 years	DOF	30
Testing, evaluating, assessing	1	-To solve the limitation or arising	DOF	-To organize investigation and seminars	5	DOF	60

and renewing policies		issues / new obstacles -To facilitate technology development		to gain experiences. -Additional editing and improving policies	years		
Change behavior / organization							
Improving management capacity	1	To maximize the potential development of the units and reduce the limitations due to the lack of executive ability.	MARD	-To organize training skills management workshops to exchange management experience and gain experiences. - To develop processes and operational measures;	Annually	MARD	1,100
Actions to support market							
Promote the demonstration of reforestation models that have FSC certificate	2	- To promote the achievements; -To socialize the application of technology.	MARD	To provide training and workshops; technical and legal assistance for people to participate in FSC plantation programs.	Annually	Government	3,750
Increasing budget investment, innovation of appropriate methods		To facilitate and encourage the application of technology.	MPI, MOF, MARD	-Survey the needs and develop a plan; -To amend the existing regulations related to investment.	Annually	Government	180
Training skills and education							
Cooperation with partner countries to implement programs in forestry research	1	- To promote the experience and good results which have been made -To prepare the necessary human resources and strengthen the coordination among the units involved	MARD, DOF, MOT	- To review of experiences - To construction plans for cooperation - To conduct collaborative research programs	5 years	MOET	250

International cooperation and intellectual property							
International cooperation for mutual understanding and enlist the support of international community	2	-To acquire the experience, new planting techniques; -To mobilize international resources to support reforestation.	MARD, MONRE, MOFA	- To organize the survey team, learning experience; -To mobilize international aid for afforestation programs.	5 years	MARD, MONRE	1,000

* **Note: (1)** The level of priority is similar to Table

c) Completion of a national strategy

From the results obtained from the action plans for each prioritized technology in each sub-sector, the description of National Strategy and Action Plan towards development objectives in the periods are described in Table .

Table 65 - National Strategy

(For the transfer and development of technologies aimed at mitigation)

	0-5 years	5-10 years	10-15 years
The long-term technologies			
Afforestation Technology			
Establishment of associations of forestry businessmen	X		
Building and developing a network of research institutes and research centers	X		
Finishing processes, technical rules of planting, enrichment planting, forest exploitation	X	X	
Testing, evaluating, assessing and renewing policies	X	X	
Improving management capacity	X	X	
Promote the demonstration of reforestation models that have FSC certificate.	X	X	
Increasing budget investment, innovation of appropriate methods	X	X	
Cooperation with partner countries to implement programs in forestry research	X	X	
International cooperation for mutual understanding and enlist the support of international community	X	X	

* Note: The indicated symbols are similar to Table .

3.4.2. Mangrove forest recovery technologies

3.4.2.1. Action plan for mangrove forest recovery technologies

The list of all solutions for transfer and demonstration technologies in order to compile National Strategy are summarized in Table .

Table 66 - Compilation technologies for National Strategy

Strategic measures	Innovation	Deployment	Demonstration
Network establishment			
Development of information system related to the objects	X	X	X
Policies and measures			
Building regulations on specific management, rehabilitation and	X	X	X