

c) Finalizing national strategy

Based on priority technology action plans in the subsectors, a national strategy and action plan for the wind power development targets are presented in Table .

Table 37 - National Strategy (technology transfer and development for mitigation)

	0-5 years	5-10 years	10-15 years
Commercially available technologies (short-term)			
Wind power technology			
Build a communication system to provide information to stakeholders	X		
Develop investment incentive and subsidization schemes	X		
Establish a market-driven pricing system	X		
Build wind maps to locate appropriate sites for wind power plants	X	X	
Provide financial support mechanisms and incentives for local production of wind power, increasing the national wind power production	X		
Make legal obligations for local electric utilities to purchase wind electricity	X		
Develop infrastructure and maintenance services	X	X	
Facilitate training and education on the technology, form groups of technicians and share experience with international experts	X	X	

1.4.1.2. Brief summary of project ideas for international support (details in Annex 4)

1.4.2. Compact fluorescent lamps

1.4.2.1. Technology action plan for compact fluorescent lamps (CFLs)

a) Aggregation and rationalization of measures identified for technology acceleration

Similar to the section above, the list of measures identified for formulation of a national strategy to accelerate the development and transfer of technologies can be seen in Table .

Table 38 - Aggregation for strategy formulation

Strategic measure	Accelerating innovation RD&D	Accelerating deployment	Accelerating diffusion
Creation of Networks			
Raise awareness on technology	X	XX	XX
Policies and Measures			
Provide import tax or loan incentives for CFL production	X	X	X
Make regulatory requirements for lighting quality and the	X	XX	XX

quality verification procedures			
Establish a market-driven pricing system	X	X	X
Market support action			
Raise public awareness on the social, economic and environmental benefits of CFLs	X	X	X
Provide financial support to research, innovation or investment on production techniques	X	X	X
Formulate detailed regulations for and control over the labeling of the product	X	XXX	XXX
International cooperation and IPR			
Collaborate with foreign major manufactures to improve the quality of local products	X	XXX	XXX

* Note: see Note in Table .

b) Prioritization and characterization of technology acceleration measures

Similar to above, the measures were prioritized and characterized through a detailed process for an action plan, as seen in Table below.

Table 39 - Prioritization and characterization of technology acceleration measures

Sector: Energy							
Specific Technology and category: Compact fluorescent lamps/Small scale, short-term							
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)
Creation of networks							
Raise awareness on technology	1	Consumers will be informed and able to make decisions on their product choice.	MOIT and EVN	Study information needs, review the existing information channels and develop a suitable information system	2012-2015	MOIT	20
Policies and measures							
Provide import tax or loan incentives for CFL production	1	Helps to encourage large-scale application of CFLs and reduce investment costs and product price	MOIT, MOF	Review the existing legislation Develop and enforce CFL development policies	2012-2015	MOIT	50
Make regulatory requirements for lighting quality and the quality verification procedures	1	Because lighting quality of domestic CFLs do not meet the requirements of consumers	MOST	Review current lighting quality regulations and standards Consult international regulations and standards to form a basis for Vietnam	2012-2015	MOST	100
Establish a market-driven pricing	1	Helps to develop the sector towards a competitive and equitable	MOIT, MOF	Set an appropriate roadmap, taking into consideration negative impacts of	2012-	MOIT	100

system		electricity market	and EVN	increase in electricity costs on production and people's lives	2015		
Market support actions							
Raise public awareness on the social, economic and environmental benefits of CFLs	1	Helps to facilitate replacement of incandescent lights by CFLs to save energy	MOIT	Plan and budget awareness raising activities Develop support mechanisms for awareness raising campaigns	2012-2015	MOIT	500
Provide financial support to research, innovation or investment on production technologies	1	Helps to enhance product quality to meet consumers' demand	MOIT, MOF	Review current incentive mechanisms to make appropriate amendments	2012-2015	MOIT	500
Formulate detailed regulations for and control over the labeling of the product	1	Helps to enhance product quality to appeal to consumers	MOIT	Review current incentive mechanisms to make appropriate amendments	2012-2015	MOIT	100
International cooperation and IPR							
Collaborate with foreign major manufactures to improve the quality of local products	1	Helps to reduce the cost and improve CFL quality	MOIT	Assess current capacities and production technologies, find partners and facilitate cooperation	2012-2020	MOIT	1,000

*** Note:**

(1) See Note in Table .

c) Finalizing national strategy

Based on priority technology action plans in the subsectors, a national strategy and action plan for the CFL technology development targets are presented in Table .

Table 40 - National Strategy (technology transfer and development for mitigation)

	0-5 years	5-10 years	10-15 years
Commercially available technologies (short-term)			
Compact fluorescent lamps			
Raise awareness on technology	X		
Provide import tax or loan incentives for CFL production	X		
Make regulatory requirements for lighting quality and the quality verification procedures	X		
Establish a market-driven pricing system	X		
Raise public awareness on the social, economic and environmental benefits of CFLs	X		
Provide financial support to research, innovation or investment on production technologies	X		
Formulate detailed regulations for and control over the labeling of the product	X		
Collaborate with foreign major manufactures to improve the quality of local products	X	X	

1.4.2.2. Brief summary of project ideas for international support (details in Annex 4)

1.4.3. Bus rapid transit

1.4.3.1. Technology action plan for bus rapid transit

a) Aggregation and rationalization of measures identified for technology acceleration

Similar to the above section, the list of measures identified for formulation of a national strategy to accelerate the development and transfer of technologies can be seen in Table .

Table 41 - Aggregation for strategy formulation

Strategic measure	Accelerating innovation RD&D	Accelerating deployment	Accelerating diffusion
Creation of Network			
Create BRT information systems for commuters	X	X	X
Policies and Measures			
Reduce private vehicles; develop BRT infrastructure	X	XX	XX