

**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
<b>Commercially available technologies (short-term)</b>			
<b>Compact fluorescent lamps</b>			
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
<b>Creation of Network</b>			
Create BRT information systems for commuters	X	X	X
<b>Policies and Measures</b>			
Reduce private vehicles; develop BRT infrastructure	X	XX	XX

Create financing mechanisms and loan incentives	X	X	X
<b>Market support actions</b>			
Develop infrastructure for relevant forms of public transits to facilitate commuting by BRTs	X	XXX	XXX
Raise awareness on the benefits of BRTs	X	X	X
Reasonable ticket fares	X	X	X

\* Note: see Note under 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 .

Table 42 - Prioritization and characterization of technology acceleration measures

Sector: Energy							
Specific Technology and category: Bus rapid transit/ Large and small scale, short, medium and long-term							
Innovation stage: Deployment – Diffusion							
Measure (grouped under core elements)	Prio- -rity	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)
<b>Creation of networks</b>							
Create BRT information systems on for commuters	2	Helps passengers to easily use BRTs.	PCs, DOT	Provide information through appropriate channels  Set up a system of appropriate sign posts.	2012-2015	MOT	50
<b>Policies and measures</b>							
Reduce discourage private vehicles, and support BRT development	1	Facilitates the development of public transportation and reduces traffic congestion in cities	MOT, MOF, PCs	Review current policies to make appropriate amendments	2012-2020	MOT	200
Create financing mechanisms and loan incentives	1	Building BRT routes requires large investment costs, while cities are in need of budget for upgrading the transportation system; thus, there is a need for financing mechanisms and loan incentives	MOT, MOF, PCs	Develop financing mechanisms for BRTs through the tax system for other private vehicles to encourage people to use public transportation, including BRTs.	2012-2015	MOST	100

		for BRTs					
<b>Market support actions</b>							
Develop infrastructure for relevant forms of public transits to facilitate commuting by BRTs	1	Create a synchronized network of transportation to encourage passengers to use BRTs	MPI, MOT, MOF	Prioritize, supervise the synchronized transportation development,	2012-2030	MOT	10,000
Raise awareness on the benefits of BRTs	1	To enhance public awareness on the socio-economic and environmental benefits of BRTs	MOT, MOF, PCs	Plan and budget awareness raising activities Create facilitating mechanisms for awareness raising programs	2012-2015	MOT	1,000
Reasonable ticket fares	2	To encourage people to use public transportation	PCs, DOT	Study the ticket fare standard and ticketing system in developed countries to draw lessons and choose an appropriate model for Vietnam	2012-2015	MOT	500

**\* Note:**

(1) Priority levels are similar to Table .

**c) Finalizing national strategy**

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

**Table 43 - National Strategy (technology transfer and development for mitigation)**

	0-5 years	5-10 years	10-15 years
Long-term technologies			
<b>Bus rapid transits</b>			
Create BRT information systems on for commuters	X		
Reduce private vehicles; develop BRT infrastructure	X	X	
Create financing mechanisms and loan incentives	X		
Develop infrastructure for relevant forms of public transits to facilitate commuting by BRTs	X	X	X
Raise awareness on the benefits of BRTs	X		
Reasonable ticket fares	X		

**1.4.4. Combined heat and power (CHP) or heat and power cogeneration**

1.4.4.1. Technology action plan for CHP

**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 44 - Aggregation for strategy formulation**

Strategic measure	Accelerating innovation RD&D	Accelerating deployment	Accelerating diffusion
<b>Creation of Network</b>			
Facilitate existing network of stakeholders	XXX	XXX	
Create a coordination mechanism between stakeholders	XXX	XXX	
<b>Policies and Measures</b>			
Formulate incentive policies and binding legal obligations for technology deployment	X	XX	X
Publish technical materials on new technologies for manufacturing industries employing CHP	X	XX	X
<b>Organizational/behavioral change</b>			
Review and plan	X	X	XX