

Socialist Republic of Vietnam*c) Finalizing national strategy*

Based on the results of the technology action plan for each sub-sector, the national strategy and action plan to achieve the milestones for each period for rooftop rainfall harvesting for household usage are described in Table 46.

Table 46 - National Strategy (technology transfer and development for adaptation)

	0-5 years	5-10 years	10-15 years
Small-scale, short-term technology			
Rooftop rainfall harvesting for household usage			
Developing a network of technical experts	X		
Support policies for local deployment of the technology	X		
Change in water use behaviors		X	
Detailed Investigation of climate and rainfall patterns, rainwater quality in target areas	X		
Promoting technology and assess market potential		X	
Mainstreaming into the official educational program		X	

3.4.1.2 Brief summary of project ideas for international support (Annex 3)

3.4.2 Runoff water harvesting

3.4.2.1 Technology action plan runoff water harvesting

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 47.

Table 47 - Aggregation for strategy formulation

Strategic measure	Accelerating innovation RD&D	Accelerating deployment	Accelerating diffusion
Creation of expert networks			
Establishing focal agencies	X	X	XX
Developing a network of technical experts	X	XX	XX
Policies and measures			
Support policies to encourage local deployment of the technology	X	X	X
Organizational/behavioral change			
Capacity building for water management, operation, protection and salinization	X	X	X
Issuance of rules on household water use	X	XX	XX

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Skills training and education			
Public awareness raising	X	XXX	XXX

*Note: see Note under [Table 25](#)

b) Prioritization and characterization of technology acceleration measures for a national plan

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 48](#).

Table 48 - Prioritization and characterization of technology acceleration measures for a national plan

Sector: Water resources management							
Specific Technology and category: Runoff water harvesting/Medium scale, short-term							
Innovation stage: Deployment – Diffusion							
Measure (grouped under core elements)	Priority	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)
Creation of expert networks							
Establishing focal points	1	There is need to rationalize and strengthen the role of organizations in the network Management and operation in localities should be coordinated	MOHA MARD Local People's Committee	Review functions of relevant organizations Establish focal points	2 years	MONRE MARD	5
Developing a network of technical experts	1	Provides technical support for local deployment of technology	MARD local People's Committee	Create a network of local experts Organize training courses on technology application	2 years	MONRE MARD	48
Policies and measures							
Support policies to encourage local deployment of the technology	1	Initial supports for poor people or people in remote areas are needed Provides encourage deployment of technology in a larger scale	MOF, MARD	Develop and implement support policies for new technology development Create support funds	2 years	MOF, MARD	10

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Organizational/behavioral change							
Capacity building for water management, operation, protection and salinization	2	Ensure water sanitation and quality Water saving and efficiency	MONRE, MARD, local People's Committee	Organise training and workshops on management skills and experience sharing	3 years	MONRE MARD	14
Issuance of rules on household water use	2	Reduces conflicts in water use Ensures water efficient use and water quality	MONRE, MARD, local People's Committee	Consult with stakeholders Develop appropriate regulations Develop and implement regulations	2 years	MONRE MARD	5
Skills training and education							
Public awareness raising	2	Helps to diversify sources of water Enhances public community on efficient use of water	TTTT, MONRE, MARD, local People's Committee	Develop materials and programs for awareness raising Organize training courses to raise awareness	3 years	TTTT MONRE	43

* Note: (1): See Note under [Table 26](#)

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Based on the results of the technology action plan for each sub-sector, the national strategy and action plan to achieve the milestones for each period in runoff water harvesting are described in [Table 49](#).

Table 49 - National Strategy (technology transfer and development for adaptation)

	0-5 years	5-10 years	10-15 years
Small- and medium-scale, short-term technology			
Runoff water harvesting			
Establishing focal points	X		
Developing a network of technical experts	X		
Support policies to encourage local deployment of the technology	X		
Capacity building for water management, operation, protection and salinization	X	X	
Issuance of rules on household water use	X	X	
Public awareness raising	X	X	

3.4.2.2 Brief summary of project ideas for international support (Annex 3)

3.4.3 Integrated river basin management

3.4.3.1 Technology action plan for integrated river basin management (IRBM)

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 integrated river basin management can be seen in [Table 50](#).

Table 50 - Aggregation for strategy formulation

Strategic measure	Accelerating innovation RD&D	Accelerating deployment	Accelerating diffusion
Creation of networks			
Assigning focal points for IRBM	X		
Developing an expert network	X	X	X
Policies and measures			
Integration into planning and development program at river	X	X	
Organizational/behavioral change			
Change to basin-based management practices	X	X	X
Developing rules and regulations for coordination between organizations and localities	X	X	X