

Sample 1 (Form 1)

(Form 1) QUESTIONNAIRE SURVEY (Technology list on Implementation Strategies)
Category A: Technologies Developed under Implementation Strategies

(a) Features of the Developed Technology

(your name: _____, set no. _____)

Hazard (check one): () earthquake & tsunami, () flood & debris, (V) multi-hazard including both			
1. Title of Technology	Development of Comprehensive Disaster Reduction Planning Scheme, Techniques and Tools focusing on Stakeholder Involvement		
2. Title of Project	Development of Earthquake and Tsunami Disaster Mitigation Technologies and Their Integration for the Asia-Pacific Region (EqTAP)		
3. Name & Organization	Ichiro Keikaku	4. Contact Details (Mailing address & e-mail)	(Mailing address & e-mail)
5. Contents of Technology with relevance to disaster management	Planning scheme to establish comprehensive disaster reduction plan for Sustainable Hazard Mitigation. Coordination with the future development plan and stakeholder involvement in planning process can be accomplished by using the developed planning scheme.		
6. Development process with specific focus on the implementation strategy	Planning scheme, techniques, and tools was developed through a series of workshops involving stakeholders to establish disaster reduction plan for Marikina City. Points in development of planning scheme, techniques, and tools were how to reflect needs or ideas of stakeholders on a disaster reduction plan. So implementation strategies were involved in the developing process itself. (Mention the implementation strategy that was incorporated from the planning stage)		
7. Regional Perspective	Developed scheme can be a standardized planning scheme, which could be adoptable in various organizations, regions, and levels of government. However, the system reflecting regional perspectives on the plan is installed in the developed planning scheme. (e.g. mechanisms to coordination with the future development plan of an organization or region, risk assessment method reflecting regional characteristics.) (Please mention the regional nature of the technology)		
8. Specific stakeholders' involvement	Developed planning scheme can support a disaster reduction planning by stakeholders. Stakeholders produced all the contents of the disaster reduction plan in the case study. It can produce "a sense of ownership" on a produced disaster reduction plan. (Please mention stakeholders and their involvement in both planning, development stage)		
9. Free or Cost-incurred (purchase cost, royalty, etc.)	All the process and tools for adopting this planning scheme are available on the web. (If not free, please mention the purchase cost in US\$)		
10. Copyright and Ownership	Earthquake Disaster Mitigation Research Center, NIED		
11. Cost incurred for application (application cost except 9. in US\$)¹	Cost for hiring facilitators and engineer for risk assessment may be necessary		
12. Time and Human Resources required for Technology Application (in terms of person-month)	For the case study in Marikina City, the Philippines, five workshops were held and each workshop needs around 15 people for management. But period and human resources are adjustable.		
13. Maintenance and upgrading of technology (Cost, human resources, others)	Needs a training for facilitators		

¹ Please mention: 1) unit cost in terms of actual incurred cost, 2) name of the applied country.

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14. Other requirements for introducing / application	None
15. Application Examples	Marikina City Government, Metro-Manila, the Philippines <i>(In different context, location, stakeholders, and countries)</i>
16. Other features	All the information on this planning scheme, techniques, and tools are available on the web. http://eqtap.edm.bosai.go.jp <i>(Please add any other relevant documents, including homepage address)</i>

(b) Next Step Developments

17. Proposed plan	Verification on effectiveness of developed scheme in the other organizations and regions, Expansion in Multi-Hazard setting, Monitor of implementation process of the developed plan	
18. Effects of Technology Development with focus on implementation strategies	Application in the other organizations and regions can accomplish 1) promotion of this scheme, 2) verification of adaptability in the other organization and regions. <i>Please describe how the new technology will affect the implementation process and strategy</i>	
19. Cost for Technology Development (US\$)	USD10000	
20. Time and Human Resources for Development <i>(in terms of required person-month)</i>	2 person – 2years	
21. Regional Perspective of cooperative research	Disaster reduction activates in Marikina City continues under a new framework which is collaboration among Marikina City Government, Pacific Disaster Center, EDM, NIED, and Disaster Reduction System Research Center, Kyoto University. Disaster reduction planning on flooding is now conducted in Marikina City.	
22. Stakeholders' involvement	As mentioned above <i>(Please mention which specific stakeholders will be involved from the planning stage)</i>	
23. Others		