

First Session of the Asia-Pacific Information Superhighway Steering Committee, 1-2 November 2017, Dhaka, Bangladesh.

**DRAFT SUBMISSION OF CVISNET FOUNDATION, INC.
PROJECTS/ACTIVITIES/STUDIES
OCTOBER 23, 2017**

Objective: This form is sent to the representative of each organization in order to prioritise activities and better align broadband connectivity gaps with solutions. All organization submissions will be consolidated as per AP-IS Pillar and subregion to develop an implementation plan for 2018 and will be presented by the Secretariat during the First Session of the Asia-Pacific Information Superhighway (AP-IS) Steering Committee, 1-2 November 2017, Dhaka, Bangladesh. A similar template is sent to ESCAP member countries to identify their planned activities.

Please complete this form and submit to ESCAP (escap-ids@un.org) by **no later than 25 October 2017**.

(a). Background Information

(i). Organization: CVISNET FOUNDATION, INC. – Philippines

(ii). Organization's Focus: CVISNET is a pioneering effort by the government (Department of Science and Technology) and private sector to harness Information and Communication Technology (ICT) with productivity, business, communications resilience enhancement solutions. It aims to facilitate information and integration sharing among members from the government, non-government and private sectors.

(b). Challenges and Opportunities on promoting broadband connectivity:

Within the scope of the AP-IS four pillars

CVISNET Foundation for (3) E-resilience

- (1). Connectivity;
- (2). Internet Traffic & Network Management;
- (3). E-resilience; and
- (4). Broadband for all,

ESCAP member countries and partners outlined seven strategic initiatives in the AP-IS Master Plan (<http://www.unescap.org/sites/default/files/pre->

[ods/CICTSTI1_2E_rev1.pdf](#) to be implemented between 2016-2018 (please refer to attached chart of AP-IS 4 Pillars and AP-IS Strategic Initiatives).

The AP-IS seven strategic initiatives are as follows:

1. Identification, coordination, deployment, expansion and integration of the regional backbone networks at the cross-border intra- and interregional levels, in collaboration with member countries and subregional organizations;
2. Establish a sufficient number of Internet exchange points at the national and subregional levels and set out common principles on Internet traffic exchange to prevent Internet traffic tromboning, decrease transit costs and improve service quality
3. Regional social and economic studies;
4. Enhancing ICT infrastructure resilience in the Asia-Pacific region;
5. Policy and regulations for leveraging existing infrastructure, technology and inclusive broadband initiatives;
6. Capacity-building; and
7. Asia-Pacific information superhighway project funding mechanism based on public-private partnerships

(c). AP-IS 7 Strategic Initiatives Implementation Plan 2016-2018: priority challenges and proposed activities

In order to match your organization's current and planned activities with country's/sub-region's/region's priorities within the scope of the AP-IS seven strategic initiatives, please complete the matrix below accordingly. Please add a row as deemed necessary.

Activity/Project/Study	Description
Description of the Activity/Project/Study (existing or planned)	(i) Moveable and Deployable ICT Resource Unit Project (MDRU) www.mdru.org (ii) The MDRU aims to provide immediate ICT services such as Internet connectivity, phone services and disaster information system in disaster hit areas at low cost with guaranteed sustainability. The unit can also be used during non-disaster time to supply day-to-day phone service, Internet and ICT systems. (iii) Existing and being pilot tested in the Cebu, Philippines from the year 2014 to 2016
Link of the activity/project/study to the AP-IS Strategic Initiatives (1-7)	(i) Enhancing ICT Infrastructure Resilience (ii) Capacity Building
Link of the activity/project/study to the AP-IS Pillars (1-4)	(i) Resilience ICT Networks (ii) Support to disaster management system (iii) Ensuring last-mile disaster communication

Beneficiary Organizations/Countries of the Activity/Project/Study	<ul style="list-style-type: none"> (i) Department of Science and Technology – Philippines (ii) Department of Information and Communications Technology - Philippines (iii) Municipality of San Remigio, Cebu, Philippines
Outcome of the Activity/Project/Study for Beneficiaries	<ul style="list-style-type: none"> (i) Conducted “Feasibility Study on Restoring Connectivity Through the Use of the MDRU” in 2015-2016 at the Municipality of San Remigio, Cebu, Philippines (ii) Feasibility study was conducted together with Nippon Telegraph and Telephone (NTT) Japan, DOST, CVISNET and Municipality of San Remigio (iii) ICT wireless connectivity was successfully tested with voice and data services running (iv) Social preparation and technical training was conducted to residents of the Municipality of San Remigio (v) Feasibility study report was submitted to International Telecommunication Union (ITU) with Project Number : 9PHI14003
Timeframe of the activity/project/study	<ul style="list-style-type: none"> (i) Feasibility study on the MDRU started on May 2014 and ended on April 2016
<p>(iv). Any other suggestions/issues:</p> <ul style="list-style-type: none"> (i) This project has built the capacities of the local stakeholders on the knowledge, attitude and practice in using the MDRU in emergency situations. (ii) The MDRU system can be used in emergency situations to establish a communications network in a very short time. (iii) The MDRU can also be used as a normal day-to-day ICT wireless communications to disconnected communities such as islands and remote mountainous areas. (iv) The MDRU project was awarded in 2016 by the Information Society Innovation Fund - Asia (ISIF Asia) for Community Impact in Guadalajara, Mexico, during the 2016 Internet Governance Forum 	