

Country Report and Data of Selected Area

All participants are required to submit the follows **by Thursday, 19 November, 2020** on designated Classroom site hosted by Japanese Secretariat.

- 1) Country Report and
- 2) Data and Map of selected area

I. Country Report (Microsoft Power Point or Google Slide presentation format, up to 5MB)

Your Country Report should contain status and future plan of information and communications. Services should classified as

- i) those led by the national government or national organizations and
 - ii) those led by the private sectors,
- and

the following items should be reported for each classification:

major ministries and agencies, laws, business entities (domestic capital, overseas capital), diffusion rates of telephone networks, optical fiber, and Internet, fees, amount of capital investment, market scale by area, and anticipated demand.

II. Data of Selected Area and map (Word format to fill out each item in Attachment-1)

The main object of this training course is to draft the solution plan for the problem on development of info-communications, such as digital divide between urban area and country area, in participants' countries. Participants will learn the method to solve the problem with present data analysis and network planning. For this purpose, participants should select an area which has development problem of info-communications in their counties in advance.

In addition, participants should investigate data of the selected area. The necessary data is as follows (Appendix of Attachment-1). Please fill out each item and upload it on designated classroom site hosted by Japan local secretariat by Thursday, 19 November, 2020.

Participants should also find the map of selected area as mentioned below. Participants will make network planning for solving the problem of the area on the map in the training course.

If you have any questions about Country Report, please contact m1500@ituaj.jp

Data of Selected Area & Map

Name: _____

Country: _____

1.1 Basic Information of the Selected Area

- (1) Name of the selected area
- (2) Surface/Square of the area
- (3) Population(by each town/village in the selected area)
- (4) The background of the area (e.g. topography, history, on-going project, etc.)
- (5) The characteristics of the area
(e.g. Main industry, Residential area or not, Rural or remote, Distance from city nearby, Economical activities, Government office (hospital, post office, town/village office)) etc .)
- (6) The reasons why the area was selected
- (7) Future growth estimations regarding industry, population, etc.
- (8) Topographic map(s) of the area

Please prepare a geographical map(s) of the selected rural area and bring it to Japan.
Topographic map(s) needs appropriate contour (altitude) lines, map(s) of 1/50.000 is recommendable.

It is preferable to prepare 2 kinds of maps, such as map(s) of the entire province or country and map(s) of selected area(s).

Note:

See example of a topographic map; “2. Map of the selected rural area” (p.24).

- (9) Other information

1.2 Issues To Overcome in the Selected Area

Please describe the problems in the selected area and as many solutions as possible following the example. As your ideas do not need to be very precise, find at least 3 issues.

<Example>

The problem in the areas: In area A, the income of farmers is very low. One of the reasons is because they do not know the market price, so they tend to sell their crops very cheap due to price control by buyers.
Your idea to resolve the problem: Farmers sell their crops at a reasonable price.
The means of solution, if you have any idea: Regional office sends the market price of crops every week by SMS text message.

The problem in areas:
Your idea to resolve the problem:
The means of solution, if you have any idea:

The problem in areas:
Your idea to resolve the problem:
The means of solution, if you have any idea:

The problem in areas:
Your idea to resolve the problem:
The means of solution, if you have any idea:

1.3 Existing infrastructure in the Selected Area

Please plot on the map or confirm the position of existing necessary facilities for network planning such as existing fixed optical fiber or metallic lines, base stations of mobile system, electrical power facility, etc. by the time Core Phase starts.

(1) Users and subscribers

- Number of existing fixed telephone subscribers
- Number of existing Mobile phone subscribers
- Number of existing Internet network (PC terminals) users

(2) Connection system(s); existing telecommunication network that new networks can connect to, in particular cellular networks

(3) Legacy Infrastructure; existing facilities that can be utilized for new installation of radio equipment, base stations, repeater stations, etc.

- Premises;
- Power supplies;
- Access road;

- (4) Other information
 (e.g. Situation of existing telecommunication network in/ around selected area such as optical network, mobile network and/ or its capacity, etc.)

1.4 Cost of Equipment and Facilities

- (1) Cost of equipment in the selected area; average price of equipment which will be used for network projects. (This information will be used in “Network Planning Drills”. You need to select necessary equipment and gather information about the costs.)

Name of Equipment	Costs (US\$ preferable)

- (2) Local costs in the selected area; price of telecommunication facilities and others essential in telecommunication projects.

Items	Price (US\$)
1) Premises	
a. Land / 100m ² City	
Rural area	
Mountain for repeater station	
b. Access Road to repeater station (8m- width)	
c. Building 100m ² for office or base station	
20m ² for repeater or terminal station	
2) Antenna Supporter	
a. Self-supporting tower 50m	
20m	
b. Guyed mast 50m	
20m	
15m	
c. Pole 10m	
5m	
3) Line Installation (material and installation)	
a. AC Power Line / km	
b. Subscriber pair cable / km	
c. Optical cable (4 cores) / km with pole	
with existing pole	
4) Personnel costs / day	
a. Engineer	
b. Technician	
c. Rigger	
d. Worker	

* Gasoline consumption

Car: 1 liter / 10km, Engine generator: 10kVA : 3.6 liter / hour, 15kVA : 5.5 liter / hour

2. Map of the Selected Area

A map with appropriate contour (altitude) line is necessary.

Sample 1 (map(s) of selected area(s))



1/50,000

Note:

Please send a map (paper or digital data) of the selected area by the due date. The map data should be made of Word, Excel, Text files, JPEG data etc. In the network planning practice, the map will be needed because participants will be asked to plot a network on the map.

Sample 2 (map(s) of an entire province or country)

Please square off the selected area in the map showing the entire province or country as shown in Sample 2 below.

