

General Information on APT Training Course
(Funded by Extra Budgetary Contribution of Japan)

1. **Title of Training Course:** Development of fundamental network planning for E-application in regional community to bridge the digital divide
2. **Organization (hosted by):** The ITU Association of Japan
3. **Duration:** Monday, 30 November – Friday, 11 December 2020
4. **Venue :** Zoom and Google Classroom
5. **Objectives:**
Participants are expected to :
 - (1) grasp their own country's problems and obtain skills to propose a specific plan to overcome the digital divide in their own country,
 - (2) understand the importance for their governments to have a clear policy in network construction, and
 - (3) get skills to propose/evaluate solutions for various problems in their own country through lectures, presentations, and site visits for Japan's technologies/experiences.

6. Abstract:

In this training course, participants are expected to learn:

- how to analyze various conditions, such as geographical, and identify the issues in the communications and information field for a region, they choose in advance, of their respective countries,
- how important for their governments to have a clear policy in network construction,
- how to design an appropriate network for the region using, and
- so that they obtain knowledge and experiences to plan necessary ICT services and e-application, and to solve the issues for developing ICT environment and overcoming the digital divide in their country.

To accomplish these goals, this training course will provide each participant with opportunities:

- 1) to present Country Report on the current conditions of a region in their respective country, chosen in advance, where they find some issues, such as digital divide, using local data of each region, such as population, geographical features, facilities available, and so on (Presentation: Country Report)
- 2) to understand the importance for their governments to have a clear policy in network construction in their country (E-learning: Network Planning)

- 3) to learn a fundamental network-designing method through exercises, and to design a network which is suitable for the chosen region to solve the problems relating to ICT development and bridging the digital divide using 4G-LTE based wireless network as a primary option (E-learning: Network Planning),
- 4) to design an optimum network as a solution for the problems relating to ICT development and bridging the digital divide in the chosen region, taking such specific items as population, geographical features, facilities available into account, and to put it into an action plan by considering how to use and maintain it (Lecture+Drill: Action Plan),
- 5) of site-visit (virtual) to a Japanese company or organization to acquire a good understanding of the cutting-edge technologies in Japan, and
- 6) to present the action plan, brushing it up through discussion, so that they can bring it back to their home country as one of the products of this training course (Presentation: Action Plan).

7. Tentative Schedule

Please refer to the attached schedule (**Appendix 1**) that is subject to change for elaboration and/or adjustment.

8. Assignment and Challenge

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, they should investigate data of the selected area in Appendix of Attachment-1. Please fill out each item and send the area data to Japan local secretariat before the training course starts.

Participants should also find the map of selected area as mentioned below. They are supposed to make network planning for solving the problem of the area on the map in the training course. (For details, see section 9 & 10)

9. Country Report:

- The participants are requested to prepare a report on present status and future plan of national telecommunication networks focused on broadband networks and next generation networks of the participant's country (and related standardization activities).
- The report should either be made as Microsoft Power Point or Google Slide presentation format.
- The report should be uploaded on designated Classroom site hosted by Japanese Secretariat with the map below **no later than 19 November 2020**.
- The report should be up to 5MB.

The country report presentation and discussion sessions will be held during the training course. The duration of the presentation will be approx. 10 minutes. Since the time for the presentation is short, participants are requested to read all the other participants' report in advance to prepare for the following discussion session.

10. Data & Map of Selected Area

The participants are requested to:

- **select an area** in their country with a problem to be solved using Network Planning skills which will be learned in this course,
- describe the information of the selected area in **Attachment-1**,
- prepare the map of selected area as described in **Attachment-1**, and
- upload the information and map of selected area described in **Appendix of Attachment-1, word format** on designated Classroom site hosted by Japanese Secretariat with the country report above **no later than 19 November 2020**.

11. Regulation:

The participants are required:

- to participate in the course from the beginning to the end
- to submit the homework of the exercises in advance each day. This training focuses on discussing answers to exercises.
- to read the textbooks on the basic and necessary knowledge for this training about the digital divide before starting the training. They will be uploaded to the Classroom site in advance.

They are required to comply with instructions given by APT and the local secretariat. (Further information on the requirement is found in the "Guidelines for APT fellowships under HRD Programme (2013)" and other related documents).

12. System Requirements & Others:

- It is required to use a stable internet connection environment (at least 3 hours zoom connection) (at work and at home, etc.) to participate in online training.
 - This online training uses Google Classroom as a platform for checking and submitting assignments. Participants are required to be able to access the Google Classroom with their own Google account.
 - Online live training uses zoom. You are required to be able to use zoom with both video and audio ON, by downloading the zoom application to your own PC. (For security reasons, you cannot participate from the website.)
 - When attending online training, please be sure to set your name as Last name Family name at your association name. Example) Mick Johnson at the ITU Association of Japan

- The content of the lecture will be recorded, and participants are requested to agree that the photos in the recorded image will be used by the Secretariat on its website etc. at a later date
- Participants must accept the terms of Annex 2 and access the following website and answer the questionnaire by Thursday, 5 November, 2020.

<https://forms.gle/aAZBSWJTSE3EEj168>

13. Secretariat:

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Notes: The Secretariat's business hours are from **9:00AM to 5:30PM, from Monday to Friday. The office is closed on Saturdays and Sundays.** Messages sent to them will be received only during working hours of weekdays. Also beware of the time difference, Japan is ahead of most other countries. (Japan Standard Time is UTC +9 hours. Japan does not observe daylight saving time).