



ASIA-PACIFIC TELECOMMUNITY
12/49 Soi 5, Chaeng Watthana Road, Bangkok 10210, Thailand

Ref: APT/CB-4.2.1/2023/CB-Invitation-EX

20 February 2023

Dear Sir/Madam,

Subject: Invitation for Supporting the APT Expert Mission in 2023

APT Expert Mission is an APT initiative to provide expert assistance to address the specific needs of APT Members in order to further enhance ICT development in the region. In particular, the Expert Mission will provide opportunities for Members to advance their ICT policies and regulatory environments through close collaboration with and support from experts.

APT Secretariat has conducted a survey to identify the needs of APT Members¹ for APT Expert Mission in 2023. (Please refer to the letter Ref. APT/CB-4.2/2023/CB-Invitation dated on 12 December 2022. Attachment 1 is the information circulated to APT Members.).

APT Secretariat has received a number of applications from APT Members expressing specific needs for the APT Expert Mission in 2023. In this context APT Secretariat would like to seek assistance from experienced organisations or experts from APT members² in the areas/topics that are initially screened (see Attachment 2 for the application lists).

In this regard, APT members are kindly invited to consider extending support for APT Expert Mission in 2023 and it would be greatly appreciated if you could submit the form (Attachment 3) to APT Secretariat by e-mail to apthrd@apt.int no later than **31 March 2023**.

Yours sincerely,

Masanori Kondo
Secretary General

Encls:

Attachment1: Introduction to the APT Expert Mission in 2023

Attachment2: List of Specific Needs from APT Members for APT Expert Mission in 2023

Attachment3: Assistance Plan for the APT Expert Mission in 2023

¹ APT Member: an APT member who is an administration/government

² APT members: APT members consist of "Member", "Associate Member", and "Affiliate Member"

To: APT non-fellowship Members, P.R. China, India and Thailand, Associate Members
Affiliate Members

cc: Afghanistan, Bhutan, Cambodia, Kiribati, Malaysia, Pakistan
(Members who applied for the APT Expert Mission in 2023)



Introduction to the APT Expert Mission in 2023

I. Objectives

Expert Mission is an APT initiative to provide expert's assistance to address the specific needs of APT Members to enhance ICT development in the region further. In particular, the Expert Mission will provide opportunities for APT Members to advance their ICT policy and regulatory environment through close collaboration with and support of experts.

II. Topic of support

Topics related in order to ICT policy or regulation and the Strategic Plan of APT for 2021-2023 are applicable. The following topics are examples.

[Examples]

- Evaluate and provide technical advice for the improvement of telecommunication service quality (QoS)
- Review the existing plan/policy and provide technical evaluation and advice for infrastructure sharing
- Analyze data and provide analysis on the broadband market
- Design, conduct, and analyze a survey in order to provide the necessary information for establishing a robust emergency communication network
- ICT Policies and Regulations for Broadband Implementation
- Assessment of Cybersecurity Readiness

III. Scope of support

The scope of support under the APT Expert Mission is to be finalized during the course of coordination, which depends on the request from the beneficiary country and the availability of resources from the experts.

The APT Expert Mission requires intensive engagement from the beneficiary country, including relevant stakeholders, for experts to provide necessary assistance. Such engagements would include arranging site visits, series of consultation meetings/interviews or workshop(s).

IV. Financing

APT will finance the cost of the Expert Mission. There could be resource mobilization from interested parties. The beneficiary country will be asked to support logistic arrangements as required for the meetings/interviews or workshops to be conducted in the beneficiary country.

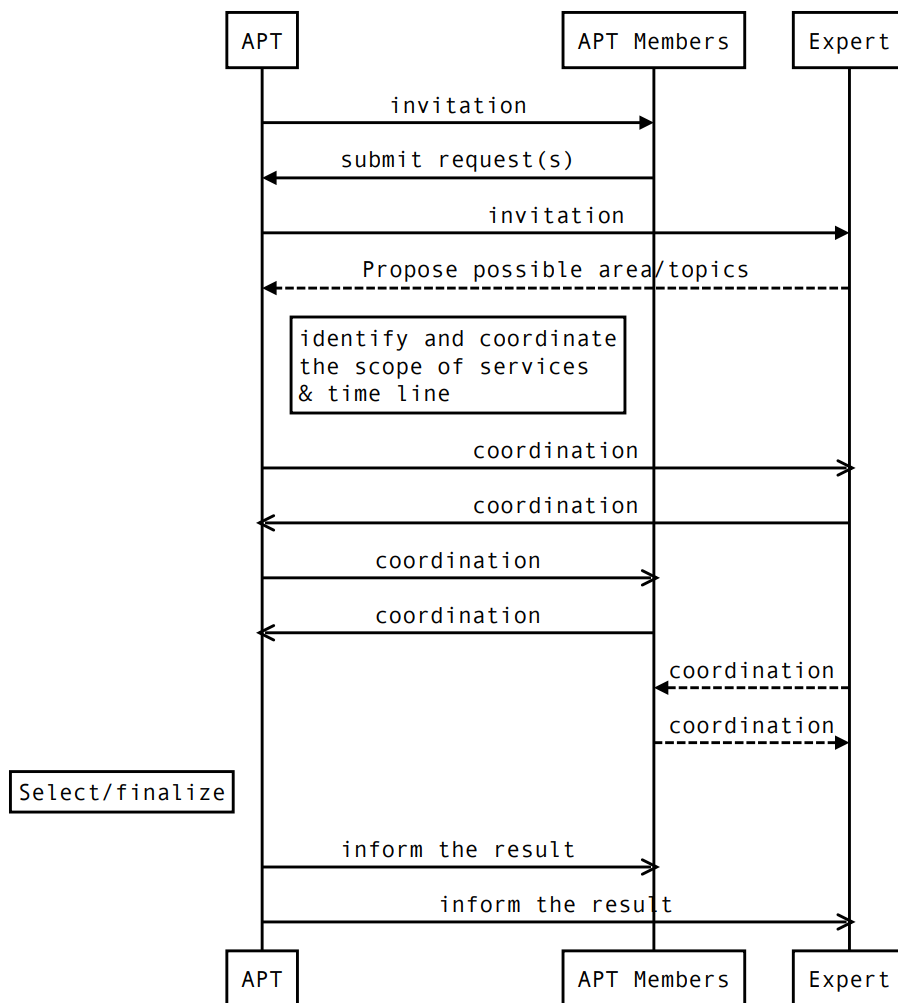
V. Application

APT Members who want to apply for APT Expert Mission should submit an Application Form by providing details of the topic, scope of request and requirement. Please note that it is important to

make your request clear and concrete with details so that APT can adequately consider the application and try to find relevant experts.

The APT Expert Mission usually consists of several activities such as site visit, hearing from relevant stakeholders, conduct of questionnaire, data analysis, workshop, etc. For Expert Mission in 2023, however, it is likely to be conducted mainly virtual/online due to the COVID-19 pandemic. Therefore, please kindly keep this in mind when you outline the required assistance in the Application Form.

VI. Workflow



VII. Other

For further information, please contact APT Secretariat through apthrd@apt.int.

Summary of Application Form for APT Expert Mission in 2023

No.	Country	Organization	Title of proposals
1	Afghanistan	Ministry of Communication and Information Technology (MCIT)	Provide expert advice on development of Information system developing policies
2		Ministry of Communication and Information Technology (MCIT)	Expert advice for practical approach regarding finding security holes and vulnerable areas for national data center
3	Bhutan	GovTech Agency	Revision of Bhutan Telecommunication and Broadband policy 2014
4	Cambodia	Ministry of Post and Telecommunications	Study on Smart City Standards
5		Ministry of Post and Telecommunications	Digital Commune Roadmap Development
6	Kiribati	Ministry of Information, Communication & Transport	Support in achieving the Kiribati National ICT Policy on e-services
7		Ministry of Information, Communication & Transport	Review of National ICT Policy for Digital inclusion
8	Malaysia	Malaysia Digital Economy Corporation (MDEC)	Innovation Challenge/Cyber100
9	Pakistan	Ministry of Information Technology and Telecommunication	Telecom Related
			Telecommunication Policy Clause 5.2: Licensing Framework
10		Ignite-National Technology Fund	Cyber Security Related
			Assessment Tools of Cyber Security Readiness

Name of Country:	Afghanistan
Name of Organization:	Ministry of Communication and Information Technology (MCIT)
Title of the projects	Provide expert advice on development of Information system developing policies

1) Please identify a policy issue that your administration needs support from APT Expert Mission.

- MCIT is responsible for the development and management of government information systems. Therefore, MCIT has to prepare and develop the information system policies.
- We plan to improve our information system policies, and we need to Establish of a unified, standard, reliable, responsive and sustainable organizational structure for Information systems in the country so all government entities is to follow the policy on their information system development

2) Please specify the support action or factor you need.

- we need to develop a set of policies for the ICT infrastructure in our country. We would like to have assistance on developing the following policies
 - I. Government system development policy.
 - II. Digital communication policy.
 - III. Data Privacy policy
 - IV. Open Government policy
 - V. Data Protection policy
 - VI. E-Payment policy
 - VII. Afghanistan digital governance policy
 - VIII. Data access policy
 - IX. Data collection policy
 - X. Data storage and backup policy
 - XI. Data processing policy
 - XII. Data usage policy
 - XIII. Data classification policy
 - XIV. Data ownership policy
 - XV. Digital standards

We would like to receive expert assistance on formulating and developing these policies.

3) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).

- the existing policy and regulatory framework are not responsive to the needs of technological solutions adoption and the private sector empowerment. The framework needs to be strengthened through the amendment of existing and development of new policies, laws, and regulations to facilitate digital transformation.

4) Please describe the situation of the policy, how many relevant policy actions/elements are prepared or implemented, and the remaining issues.

- The first draft of policies has been prepared and it is necessary to prepare these policies according to national and international standards.

5) Please indicate stakeholders or agencies to be involved, other than your organization, if any.

- Ministry of communication and information technology is the main player for development of ICT policies, other government entities may support on implementation and execution of the policies.

6) Please choose **your expected outcomes** from the options below. (multiple choice)

- Awareness Programme such as Workshop, Seminar
- Training
- Analysis Report (Technical /political)
- Support for drafting regulations
- Support for designing a policy/ scheme
- Developing systems/applications
- Others (_____)

7) Please indicate a **possible timeline** for the Expert Mission.

- Start of the year 2023

Name of Country:	Afghanistan
Name of Organization:	Ministry of Communication and Information Technology (MCIT)
Title of the projects	Expert advice for practical approach regarding finding security holes and vulnerable areas for national data center

1) Please identify a policy issue that your administration needs support from APT Expert Mission.
 In 2009, the Ministry of communication and IT has built a National Data center of Afghanistan (ANDC) to provide the facility of a data center for all government and private sectors.
 Now, we have a plan to identify and provide the solution to the security weaknesses of ANDC infrastructure to provide a secure and trustable environment for their customer.

2) Please specify the support action or factor you need.
 We need the support of experts in defining a practical approach or procedure to finding security weaknesses in the current ANDC environment.

3) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).
 The ANDC will have access to the best and most practical approach or procedure. Regarding its security holes and will patch them with the latest solutions.

4) Please describe the situation of the policy, how many relevant policy actions/elements are prepared or implemented, and the remaining issues.
 There are already several policies and procedures defined.

5) Please indicate stakeholders or agencies to be involved, other than your organization, if any.
 - Afghanistan ITC Sectors
 - Government agencies

6) Please choose **your expected outcomes** from the options below. (multiple choice)

Awareness Programme such as Workshop, Seminar
 Training
 Analysis Report (Technical /political)

- Support for drafting regulations
- Support for designing a policy/ scheme
- Developing systems/applications
- Others (_____)

7) Please indicate a **possible timeline** for the Expert Mission.

April 2023: Receive a draft copy of the procedure for finding the ANDC security hole

May 2023: Receive a final copy of the procedure for finding the ANDC security hole

Name of Country:	Bhutan
Name of Organization:	GovTech Agency
Title of the project	Revision of Bhutan Telecommunication and Broadband policy 2014

Please identify a policy issue that your administration needs support from APT Expert Mission.

- The Bhutan Telecommunication and Broadband policy was issued in 2014 and has guided Bhutan in improving/enhancing the Telecommunications and Broadband infrastructure and was a key foundation towards realising and enabling ICT Knowledge-Based Society as a Foundation for Gross National Happiness.
- Therefore, with the advancement in the technology and rapid development, opportunities and to harness the benefits of such development the revision of the policy is required timely. Further the Bhutan Telecommunications and Broadband Policy needs to be flexible and adaptive to reflect the pace of change and ensure that the best outcomes are delivered to the Bhutanese society at any point in time. This policy is a living document, and will be reviewed and revised regularly to ensure maximum currency and effectiveness.

1) Please specify the support action or factor you need.

- The APT mission team should look into the existing document and propose strategic action plans without diverting from its core principles and objectives.
- The mission should also indicate where the capacity development is required for all the key stakeholders contributing towards shaping further development of ICT in Bhutan.

2) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).

- All the strategic action plans mentioned in the current policy are implemented and almost all are achieved, while some activities are ongoing. The revised documents should also add value to the existing document due to the rapid change and development in the Telecommunication sector world wide.

3) Please describe the situation of the policy, how many relevant policy actions/elements are prepared or implemented, and the remaining issues.

- The current policy issued by the Ministry of Information and Communications governs all the other stakeholders involved in delivering the ICT services mainly Telecom Service Providers and Internet Service Providers. The formation of e-Gov Executive committee under e-Gov Governance Structure has steered the implementation of this policy and overseen the development of the ICT/Telecom sector. The role of the Committee has ensured that the Telecommunications and

Broadband Policy and the Strategic Action Plan are implemented and further assured accountability on the part of the Ministries, Departments and Agencies responsible for each action or program.

- The role of Bhutan InfoComm and Media Authority as a regulator plays a crucial role in shaping the ICT and Media sector in Bhutan. However, the role of the authority or major agencies could be strengthened with further revision of the policy document.
- The status of the strategic plan as per the BTBP 2014 is attached herewith.

5) Please indicate stakeholders or agencies to be involved, other than your organization, if any.

- Telecom Service providers
- Internet Service providers
- Bhutan InfoComm and Media Authority
- Department of Disaster Management
- Other relevant agencies such as Multi Service Operators, Cable Operators, Content Providers, etc..

6) Please choose **your expected outcomes** from the options below. (multiple choice)

- Awareness Programme such as Workshop, Seminar
- Training
- Analysis Report (Technical /political)
- Support for drafting regulations
- Support for designing a policy/ scheme
- Developing systems/applications
- Others (_____)

All of the above except Developing systems/applications

7) Please indicate a **possible timeline** for the Expert Mission.

- **April 2023:** collecting relevant data/reports and evaluate the achievements of the old policy document
- **June 2023:** start drafting the revise BTBP document referring the old document
- **July – August 2023:** APT Experts conduct data analysis and have a consultation meeting with the relevant agencies
- **September 2023:** receive a draft report from APT experts and share feedback. (APT experts)
- **October 2023:** Finalize the draft report and submit it to GovTech

Name of Country:	CAMBODIA
Name of Organization:	Ministry of Post and Telecommunications
Title of the Project	Study on Smart City Standards

1) Please identify a policy issue that your administration needs a support from APT Expert Mission.

Through the development and implementation of **Cambodian Digital Government Policy Framework 2022-2035**, Smart City is one of the key factors in the acceleration of digital transformation in Cambodia, and the Smart City Roadmap is being developed within the context of gathering the digital identity and building digital ecosystem within 3 provinces in Cambodia namely Phnom Penh, Siem Reap, and Battambang. The successful implementation of this policy align with its vision, purposes, and strategic objectives requires high commitment and participation from ministries and institutions at all levels and all stakeholders. The Royal Government has envisioned the necessity of organizing institutions to lead, facilitate, and implement this policy, including: (1) to establish a digital government committee for leading, facilitating, implementing, and monitoring and evaluating of this policy, (2) to specify clear roles of the technical ministry in charge of managing the centralized digital infrastructure that can serve and support the digital development across various ministries and institutions of the whole government, and (3) to organize digital transformation units under ministries and institutions at the national and sub-national levels for the acceleration of digital transformation.

Smart city standards, both technical and non-technical are very crucial for defining principles, terminology, technical frameworks, and mechanisms to develop smart city. These standards also facilitate the successful integration of new and old technologies for smart city development. Therefore, the study of smart city standards is one of the key factors for smart city development in Cambodia.

2) Please specify the support action or factor you need.

Ministry of Post and Telecommunications needs the technical support:

- To conduct study on various standards for smart city.
- To propose smart city standards that is feasible for Cambodia.
- To organize input gathering and dissemination workshops to relevant stakeholders on the proposed smart city standards.

3) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).

Cambodian Digital Government Policy aims to focus on digital transformation for all government ministries and institutions. Smart City is one of the key factors for digital transformation. The main vision of a smart city is to improve the quality of life for citizens by using smart technologies and data analysis and optimize city functions, and promote economic growth. Hence, the development of smart city standards with the expert mission supports will provide us the expertise perspectives on the proposed standards and enhance both local and international recognitions.

4) Please describe the situation of the policy how much relevant policy actions/elements are prepared or implemented and what are the remaining issues.

There are many suggestions and recommendations which are being putting in place for smart city standards; therefore, the proper procedures of how to select and apply smart city standards must be developed in order to act as a manual for effective and efficient project implementations relating to smart city.

5) Please indicate stakeholders or agencies to be involved, other than your organization, if any.

- Digital Government Committee
- All relevant provincial authorities (Battambang, Siem Reap, and Phnom Penh)
- Other relevant stakeholders

6) Please choose **your expected outcomes** from the options below.

- Awareness Programme such as Workshop, Seminar, Training
- Analysis Report (Technical/political)
- Support for drafting regulation Support for designing a policy/ scheme
- Developing systems/applications Others (_____)

7) Please indicate possible **timeline** for the Expert Mission.

- Feb-Apr 2023: To conduct study on various standards for smart city.
- May 2023: To propose smart city standards that is feasible for Cambodia.
- June 2023: To organize input gathering and dissemination workshops to relevant stakeholders on the proposed smart city standards.

Name of Country:	CAMBODIA
Name of Organization:	Ministry of Post and Telecommunications
Title of the Project	Digital Commune Roadmap Development

8) Please identify a policy issue that your administration needs a support from APT Expert Mission.

As pointed out in the Rectangular Strategy - Phase 4 and the Cambodia Vision 2050, as well as the readiness to respond to the Fourth Industrial Revolution and tap the potentials of the digital transformation, the "Cambodia Digital Economy and Society Policy Framework 2021-2035" has been adopted by the Royal Government of Cambodia which based on the actual needs, potentials, resources, and capabilities, both in the public and private sectors, for the development orientation and process of digital transformation in Cambodia. The digital transformation will bring about significant positive outcomes to the Cambodian economy and society, particularly the new growth driver that is highly resilient to future structural changes while being the driving force for the existing growth engines, which are now beginning to slow down and are severely affected by the Covid-19 crisis. Thus, the digital sector will bring about opportunities for new sources of growth, increase economic productivity, promote economic diversification, and create jobs, aimed at contributing to poverty alleviation and social inequality.

This policy framework focuses on five components which divided into two foundations and three pillars. The two foundation includes: (1) developing infrastructures to enable digital transformation and (2) building reliability and confidence in digital system; and the three pillars includes (1) building digital citizens, (2) building digital government and (3) enabling digital businesses.

Digital commune project is one of the key factors to digitize the micro social-economic development in Cambodia. As the needs of assessment to ICT resources, digital inclusion initiatives are in the plan for hundreds of communities across the country in the nearest future to support the Cambodian Digital Government Policy 2022-2035. Community digital inclusion programs come in all sizes, and many levels of sophistication and funding. To make the community smart, some initiatives will need to be developed with the expertise perspectives.

9) Please specify the support action or factor you need.

To set the effective and efficient planning for digital commune project, the following actions are required:

- To conduct feasibility study on the current status and challenges of digital divide in the selected communes as recommended.
- To draft Digital Commune Roadmap for Cambodia.

10) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).

The outcome from the expert mission supports is to develop the draft of the Digital Commune Roadmap. The roadmap will provide the key strategic and activity plans for developing and deploying technologies in the prioritized communes in Cambodia to realize the government's ambitious vision to transform Cambodian citizen into smart citizen, and, in addition, to respond to the changes of the socio-economic development of the country, region and the global as a whole, especially during and post Covid-19 pandemic.

11) Please describe the situation of the policy how much relevant policy actions/elements are prepared or implemented and what are the remaining issues.

Cambodia Digital Economy and Society Policy Framework 2021-2035 has been adopted based on the actual needs, potentials, resources, and capabilities, both in the public and private sectors, for the development orientation and process of digital transformation in Cambodia. Align with the policy, the Royal Government in Cambodia has also adopted Digital Government Policy 2022-2035 which will bring the digitization stage for Cambodian in the age of IR4.0; therefore, there are some initiatives which will need to be developed as micro-economic scale development in the communities in Cambodia. Digital Commune Project is one of the key projects to support the development of digital transformation in Cambodia which need to be properly planned and developed.

12) Please indicate stakeholders or agencies to be involved, other than your organization, if any.

- Digital Government Committee
- All ministries and sub-national local authorities
- Non-Profit organizations
- Any other relevant stakeholders

13) Please choose **your expected outcomes** from the options below.

- Awareness Programme such as Workshop, Seminar Training
- Analysis Report (Technical/political)
- Support for drafting regulation Support for designing a policy/ scheme
- Developing systems/applications Others (_____)

14) Please indicate possible **timeline** for the Expert Mission.

- Feb-May 2023: To conduct feasibility study on the current status and challenges of digital divide in the selected communes as recommended.
- June 2023: To draft Digital Commune Roadmap for Cambodia.

Name of Country:	KIRIBATI
Name of Organization:	Ministry of Information, Communication, Transport & Tourism Development
Title of the project	Support in achieving the Kiribati National ICT Policy on e-services

1) Please identify a policy issue that your administration needs a support from APT Expert Mission.

- One primary goal of the National ICT Policy is to develop and provide government e-services to the public, but due to the lack of capacity in developing e-services, it is seen as a drawback in achieving such goal.

2) Please specify the support action or factor you need.

- Technical Assistance and capacity building on software development such as mobile applications development, database development and website development.

3) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).

- Developing the digital services unit skills and building its capacity would not only enable the government e-services but would also support in accomplishing a goal that is align with the Kiribati National ICT Policy 2019 and the country 20-year vision.

4) Please describe the situation of the policy how much relevant policy actions/elements are prepared or implemented and what are the remaining issues.

- There is a newly approved project “Kiribati Digital Government project” that focuses in delivering online services to the public over a 5-year period which is funded by the Worldbank.

5) Please indicate stakeholders or agencies to be involved, other than your organization, if any.

All Ministries, CCK (Telecom Regulator)

6) Please choose **your expected outcomes** from the options below.

- Awareness Programme such as Workshop, Seminar Training
- Analysis Report (Technical /political)
- Support for drafting regulations Support for designing a policy/ scheme
- Developing systems/applications Others (_____)

7) Please indicate possible **timeline** for the Expert Mission.

At the earliest

Name of Country:	KIRIBATI
Name of Organization:	Ministry of Information, Communication, Transport & Tourism Development
Title of the project	Review of National ICT Policy for Digital inclusion

1) Please identify a policy issue that your administration needs a support from APT Expert Mission.

- ICT development in the country was aligned with the National ICT Policy and the national development plan that address the introduction of eGovernment to improve the Government services. The Digital Government master plan and implementation plan was developed and endorsed since early this year. However, the issue in the implementation of the Digital Government master plan was the lack of digital inclusion policy and expertise to guide the development on this area.

2) Please specify the support action or factor you need.

- Technical Assistance and capacity building on the review of the existing policy and the development of the new Digital inclusion policy.

3) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).

- The new policy on digital transformation is developed to support the Digital Government Master plan.
- The set of indicators to be developed (KPI) to monitor the progress on the implementation activities.

4) Please describe the situation of the policy how much relevant policy actions/elements are prepared or implemented and what are the remaining issues.

- A study has been made by Estonia Academy in collaboration with our ICT department highlighted in the Digital Government master plan. We expect the expert would conduct data analysis to extract policy and introducing legal aspect from the analysis, which will be a part of the plan.

5) Please indicate stakeholders or agencies to be involved, other than your organization, if any.

All Ministries, CCK (Telecom Regulator)

6) Please choose **your expected outcomes** from the options below.

- Awareness Programme such as Workshop, Seminar Training
- Analysis Report (Technical /political)
- Support for drafting regulations Support for designing a policy/ scheme
- Developing systems/applications Others (_____)

7) Please indicate possible **timeline** for the Expert Mission.

At the earliest

Name of Country:	Malaysia
Name of Organization:	Malaysia Digital Economy Corporation (MDEC)
Title of the project	Innovation Challenge/Cyber 100

1) Please identify a policy issue that your administration needs support from APT Expert Mission

- To invoke interest, awareness and build capacity in the cybersecurity industry
- To solve industry driven concerns through potential, innovative solutions realized from the initiative
- To strengthen and support the APT Strategic Pillars (Innovation) : Enabling conducive environments and harnessing the benefits of telecommunication/ICT

2) Please specify the support action or factor you need.

- Expert's assistance for the Innovation Challenge/Cyber 100 as part of committee/ observer/ evaluator/ mentor

3) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).

- The Cyber100 initiative will host numerous cybersecurity challenges on a national scale. Its goal is to seek solutions for industry-specific problems while promoting the creation of local innovative technologies. This will further strengthen Malaysia's information security community and position as a digital hub for this sector
- The initiative is open to all companies with a focus on start-up/scale-up companies

4) Please describe the situation of the policy, how many relevant policy actions/elements are prepared or implemented, and the remaining issues.

- The initiative has been on-going since 2019 and is always looking for experts to share their knowledge and expertise, in addition to guiding the participants

5) Please indicate stakeholders or agencies to be involved, other than your organization, if any.

- National Cyber Security Agency (NACSA)

6) Please choose **your expected outcomes** from the options below. (multiple choice)

- Awareness Programme such as Workshop, Seminar
- Training
- Analysis Report (Technical /political)
- Support for drafting regulations
- Support for designing a policy/ scheme
- Developing systems/applications
- Others (_____)

7) Please indicate a **possible timeline** for the Expert Mission.

- The next Cohort will begin in Q3 2023 (July onwards)
- 1 – 2 weeks

Name of Country:	Pakistan
Name of Organization:	Ministry of IT & Telecommunication
Title of the project	Telecommunication Policy Clause 5.2: Licensing Framework

1) Please identify a policy issue that your administration needs support from APT Expert Mission.

There is a need to further enhance and optimize the licensing regime to cater for emerging technological and market trends.

2) Please specify the support action or factor you need.

The support of Expert Mission is required for their contribution based on international best practices towards the needed changes to the licensing regime which will be made in consultation with the sector stakeholders, subject to approval by Federal Government (MoIT).

3) Please describe how the outcome of the Expert Mission supports the policy formulation of the issue specified in 1).

The proposals shared by the Expert Mission may provide new venues of services to be readily provided while meeting service specific requirements (including but not limited to quality of service, customer protection, content acceptability and national security) as they are defined. The licensing regime will continue rights and obligations associated with scarce resources and any obligations on network roll out.

4) Please describe the situation of the policy, how many relevant policy actions/elements are prepared or implemented, and the remaining issues.

The proposals/contributions of the Expert Mission towards the Licensing Framework is required as a pre-requisite for further stakeholder consultations for quantifying its outcomes.

5) Please indicate stakeholders or agencies to be involved, other than your organization, if any.

- i. Telecommunication Industry
- ii. Pakistan Telecommunication Authority
- iii. Frequency Allocation Board

6) Please choose **your expected outcomes** from the options below. (multiple choice)

Awareness Programme such as Workshop, Seminar

- Training
- Analysis Report (Technical /political)
- Support for drafting regulations
- Support for designing a policy/ scheme
- Developing systems/applications
- Others (_____)

7) Please indicate a **possible timeline** for the Expert Mission.

This Ministry is flexible with the timelines of the Expert Mission. Yet, it would be preferred to have it completed by December 2023.

Name of Country:	Pakistan
Name of Organization:	Ignite-National Technology Fund
Title of the project	Assessment Tools of Cyber Security Readiness

1. *Please identify a policy issue that your administration needs support from APT Expert Mission.*

Our country has developed a National Cyber Security Policy in 2021, which sets the target for improving the Cyber Security Ranking of Pakistan such as Global Cyber Security Index by ITU.

2. *Please specify the support action or factor you need.*

In order to improve the Cyber Security Ranking of Pakistan, it is essential that we develop a comprehensive set of benchmarks supported by the necessary tools to assess the current status of Pakistan Cyber Security readiness in terms of human resource capacity.

3. *Please describe how the outcome of the Expert Mission supports the policy formulation of the issue in 1.*

In order to achieve the objectives set forth in the National Cyber Security Policy 2021, it is imperative to setup a mechanism that objectively determines the Cyber Security readiness of Pakistan in terms of human resource capacity that would lead to initiation of training programs to enhance the skillset of our national Cyber Security community.

4. *Please describe the situation of the policy, how many relevant policy actions/elements are prepared or implemented and the remaining issues.*

The said policy has already been approved by the Federal Government and is at different stages for implementation. We would expect the expert group to assist us in the implementation of the policy by sharing best practices and experiences from across the world. This would help us in ensuring effective implementation of the measures addressed and the recommendations in the Policy.

5. *Please indicate stakeholders or agencies involved other than your organization, if any.*

- Ministry of Information Technology and Telecommunication
- Pakistan Telecommunication Authority
- State Bank of Pakistan
- Federal Investigation Agency
- National Electric Power Regulatory Authority

6. *Please choose your expected outcomes from the options below:*

- Awareness Programme
- Training**
- Analysis Report (Technical)
- Support for drafting regulations

- Support for designing a policy/scheme
- Developing systems/applications**
- Others

7. *Please indicate a possible timeline for the Expert Mission.*

- April 2023: Defining the set of benchmarks for assessments along with assessment methods
- June 2023: Development of automated system for assessing the skillset in different areas of cyber security domain
- August 2023: Roll out of the assessments at different regional and sectoral levels

Assistance Plan for the APT Expert Mission in 2023

1. Assistance plan

1.1 Indicate **which topic/country of interest**.

1.2 Describe **details of the Assistance plan**

1.3 Tentative **schedule** of Expert Mission

The project of Expert Mission should be completed by December 2023.

1.4 **Possible outcomes** through the assistance of Expert Mission

1.5 **Any others**

(In case there is any area that APT secretariat is requested to coordinate with the relevant Member, please describe it.)

2. Cost estimation

2.1 **Estimated cost** of Expert Mission, such as travel expenses, consulting fees, documentations, logistic arrangement, etc.

2.2 APT encourages and invites voluntary contributions in assisting the Expert Mission. However, if your organisation requires financial support, please indicate which cost items you would like APT to support. (No answer means Experts will be able to cover all the cost which was described in 2.1)

3. List of Experts

a) Name	b) Organisation	c) Tel	d) Email address

Mr. /Ms./ Dr.-----	-----	+66	-----@---