Date 13 August 2021

APIDTT Grant Agreement – 2021 Interim Report

This Interim Report provides information on each project in the 2021 APIDTT grant agreement with the Foundation. It reports on the status of each project.

Executive Summary and Analysis

The primary focus of this first APIDTT grant has been on training and knowledge development, with four of the eight projects focused on either delivering training or developing knowledge products for training. A second focus has been on Internet infrastructure (M-root) with the SOI Asia-AI3 project supporting training, curriculum development and infrastructure (satellites). This responds directly to APIDTT's purpose to "fund Internet development initiatives in the Asia Pacific region, including technical skills development and capacity building, improvements to critical Internet infrastructure, supporting research and development, and improving the community's capability to build an open, global, stable and secure Internet."

The two largest projects funded by the grant – ISIF Asia and AI3-SOI Asia – are both on track overall. The grant to support AI3-SOI Asia was successfully dispersed at the beginning of the grant period (February and March). ISIF Asia has successfully established the Fluxx grant management system and is on schedule to receive and approve grant applications in the second half of the year.

Highlights

Overall, the highlights of this interim report are that:

1. All eight projects have been successfully established and commenced, despite slow starts by several projects and substantial underspending by all projects

2. Each project was documented and reported to the community. Here is a list of the blogs published about the projects:

    *   APIDTT support: https://blog.apnic.net/2021/07/09/exploring-apnics-2021-activity-themes-apnic-capacity-for-internet-development/

    *   Soi Asia-AI: https://blog.apnic.net/2021/07/01/rens-pioneers-of-the-internet-asia-pacific/

    *   ISIF Asia: https://blog.apnic.net/2021/06/03/expanded-isif-asia-grants-and-awards-program-now-open-for-applications/

    *   M-root: https://blog.apnic.net/2020/12/18/first-m-root-anycast-instance-deployed-under-new-mou/

    *   APNIC Academy: https://blog.apnic.net/2021/06/08/expanding-apnic-academy-in-2021/

    *   Curriculum for non-technical audiences: https://blog.apnic.net/2021/05/05/growing-a-game-of-community-engagement/

    *   Training delivery: https://blog.apnic.net/2021/06/23/learning-the-latest-skills-to-manage-and-monitor-networks/

    *   Community trainers: https://blog.apnic.net/2021/07/26/event-wrap-lknog-5-and-sanog-37/

3. Partially funded by grant overhead, new systems and processes and now in place at the Foundation (NetSuite for finance; Fluxx for grant management; Confluence for project management; SharePoint for document management) that will ensure the improved management and implementation of all the projects.

4. Three new Foundation staff positions – finance and business manager; monitoring and evaluation lead and a grants management lead – were also recruited during the report period further strengthening the management of the grant and its projects.

5. New project staff are now in place at 7 of the 8 projects (except sponsorships) that will strengthen each project's implementation and impact. However, several project staff positions are yet to be filled. Project reports provide detailed information on project positions.

It should also be noted that all the eight projects funded by APIDTT engaged and expanded existing activities, including sponsorships.

Implementation

For the management and implementation of the grant, the Foundation is engaging with two partners. The grant is funding five projects at APNIC Pty Ltd; one project at Keio university in Japan, with two projects being managed and implemented by the Foundation. The details are as follows:

1. **APNIC**

   The five projects being managed and implemented by APNIC are (please note these links are to internal project pages and are not viewable externally): 1) M-root; 2) APNIC Academy; 3) Training delivery; 4) Community Trainers; and 5) Curriculum Development for Non-Technical Audiences.

   To document the respective roles in project management and the funding the Foundation has signed an Affirmation of Commitment (AoC) with APNIC (see Appendix 2). The AoC positions APNIC as a sub-contractor to the Foundation where the Foundation:

   - Provides funding to APNIC on a cost recovery basis for each project's activities. APNIC invoices the Foundation monthly for its project costs.

   - Having agreed to an annual budget for each project, agrees that APNIC manages and implements project activities as an independent sub-contractor. Reports are provided to the Foundation on a six-monthly basis.

   - Recognises that all five projects are established and on-going activities of APNIC.

2. **Keio university**

   The project being managed by Keio university is (please note this is link is to internal project pages and are not viewable externally): AI3-SOI Asia. The project was funded in two tranches made as donations to Keio university in February and March respectively. The donation documents can be seen in Appendix 3.

   The AI3-SOI Asia project team is based at Keio university in Tokyo. They collaborate with and support several other Japanese agencies and organisations including WIDE and AITAC. Started in 2001, the project is well established in its operations and partnerships.

1. **APNIC Foundation**

   The Foundation manages and implements the ISIF Asia grants program, including the IPv6 grants. ISIF Asia was established officially launched in 2008, as a partnership between APNIC, the Internet Society and the International Development Research Centre (IDRC). Over the years, several sponsors have supported the program.

   The program was administered by APNIC from 2008 until 2016. As APNIC established the APNIC Foundation in 2016, ISIF Asia was transferred to the Foundation from 2017. Since then, the APNIC Foundation is responsible for its management and administration.

   The eighth and final project "Sponsorships and contributions to advance Internet knowledge and education in the Asia Pacific region" is managed and implemented by the Foundation in close coordination with the APIDTT.

Project Reports and Status Updates

1. ISIF Asia

ISIF Asia seeks to support and build communities that research, design and implement solutions to strengthen the availability, affordability and accessibility of the Internet to facilitate human and economic development in the APAC region.

Objectives

- Support and build a network of grant and award recipients that establishes an active, diverse and engaged community of Internet researchers and practitioners.

- Fund innovative and relevant solutions in different stages of development focusing on three main programs: 1) Infrastructure; 2) inclusion and 3) Knowledge. The solutions should address problems identified through community consultation and evidence-based research, responding to community needs, and seek to maximize their potential, in particular addressing issues around availability, affordability and accessibility. Under the Infrastructure program, the ISIF Asia grants will encourage and support the continued deployment and use of IPv6 by network operators across the Asia Pacific, with a particular focus on network operators in developing economies and/or underserved areas.

- Produce high-quality evidence-based communications products accompanied by an effective dissemination strategy to facilitate use and adoption of R&D results.

- Expand ISIF Asia's existing network of donors and sponsors to establish new funding partnerships and fundraising strategies in support of the ISIF Asia objectives.

Benefits to the Internet community

- Helping improve and support the increased availability, affordability and accessibility of the Internet in the region.

- Many types of organizations from the Asia Pacific region (including APNIC members) will be eligible to apply to the grants and awards, so they can directly benefit from the funding opportunities offered to support their Internet-related research and operational priorities[1].

- Project reports will be publicly available where new knowledge and understanding about robust R&D solutions developed will be shared for the benefit of the community. This includes case studies and reports on successful IPv6 deployments that can benefit others planning their own deployments.

- Design and implementation of R&D solutions that directly respond to and benefit member's needs (network operations, security, etc) across the 3 focus areas, following best practices and supporting the development of the Internet, for example an increase rate of IPv6 deployment and use in the Asia Pacific.

Status Update

Project:

- **Policy review:** Privacy and Complaints policies reviewed and updated

- **Platforms:**
  - Fluxx platform for funding requests deployed;
  - Website updated with program information;
  - Integrations with NetSuite and Salesforce in progress;
  - Jira implemented for mapping and visualizing tasks

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[1] Note: Individuals are not eligible to apply.

- **Call for proposal updates:**
  - Program and focus areas defined and approved
  - Call for 2021 grants (small, scale-up and impact grants) launched and receiving applications, including a communications and engagement campaign
  - Selection committees structured and 18 members recruited
  - IPv6 deployment grants form and Awards form questions and workflow in development

Staffing: Grants Management Lead recruited

2. M-Root deployment

M-Root anycast instance deployment support involves collaboration between APNIC, the WIDE Project and JPRS to accelerate anycast deployment of M-Root around the Asia Pacific.

Objectives

- Streamline M-Root deployment and operations by improving process and automation
- Deploy 12 new M-Root instances in 2021

Benefits to the Internet community

- Faster and more reliable DNS service
- Faster and easier deployment of Root DNS anycast instances at desirable or underserved locations.
- Will help improve and increase the availability, affordability and accessibility of the Internet in the region.

Status update

Project:

- Deployment of M-root servers in Guam, Hanoi, Kaohsiung, Manila, and Dhaka are progressing.

Staffing:

- Senior Systems Engineer recruited
- JPRS technical position unfunded
- WIDE technical position unfunded

3. APNIC Academy

APNIC Academy Platform and Curriculum development is accelerating and strengthening the development of an integrated online platform (the APNIC Academy) to support training and technical assistance and develop a comprehensive curriculum for self-paced and instructor-led training.

Objectives

- Integrate various training systems (including registration, calendar and training wiki) into APNIC Academy
- Establish online technical assistance functionality to connect Members with community experts
- Extend multilingual support to more courses
- Build a comprehensive Internet infrastructure-focused training curriculum ready for future certification

Benefits to Internet community

- Improved access to training and technical assistance.

- Improved technical capacity in the Asia Pacific region.

- Advance education in the Asia Pacific Region

Status Update

Project:

- Bengali language support was added to the Academy, and Mongolian subtitles added to online courses.
- Integration of online training systems scheduled to begin in Q3.
- Minimum Viable Product of Online Technical Assistance Platform scheduled for launch in Q3

Staffing:

- Full Stack Web Developer recruited
- Senior UX/UI Designer recruited
- Training project manager unfilled

4. Community trainers

The expansion of the Community Trainers network involves recruiting, retaining and developing more Community Trainers at the local level to expand the scope and effectiveness of APNIC Academy training.

Objectives

- Provide relevant, best practice technical training at a local level (and in local language where needed).
- Develop and maintain a sustainable, scalable model to support the Community Trainer network.

Benefits to the Internet community

- Local support for APNIC training and technical assistance
- Increased instructor led APNIC training in targeted economies.
- Options for training in local language and improved translation support for training content.
- Advance education in the Asia Pacific Region

Status Update

Project:

- There are 24 active Community Trainers with four additional candidates interviewed and shortlisted.
- Twenty-one Community Trainers from 12 economies were engaged for 34 instructor-led online training events.
- A new Community Trainers model for dedicated on-the-ground local support to the community is due to be launched in Q3 2021. Some existing Community Trainers will be converted to the new model.

Staffing:

- Training and Development Coordinator recruited

- Training and Development Coordinator recruited
- HR Business Manager (Foundation) recruited

5. Training delivery

Training delivery

Training members of the Asia Pacific technical community to proficiently understand, configure and manage their Internet infrastructure and services while embracing best current practices.

Objectives

- Training Delivery: To provide instructor-led training with a focus on deployment and operations of Internet infrastructure technologies.
- Technical Assistance: To provide technical advice on deployment and operations of Internet infrastructure technologies on an individual member basis.
- Content Development: To act as Subject Matter Experts to assist in training content development

Benefits to the Internet community

- Empower Internet engineers in the region with a full understanding of technology and processes so that they can undertake tasks with more confidence and success.
- Apply best current practices to ensure network operators keep pace with the latest industry developments.
- Ensure a deeper understanding of regional address management policies, as the foundation of network planning.
- Improve network services by developing skills to provide better services, while providing Internet engineers with professional networking opportunities
- Advance education in the Asia Pacific Region

Status Update

Project:

- 54 courses delivered with 1,084 attendees
- 9 webinars (3 external/guest speakers) with 532 attendees
- Completed development of the Network Management and Monitoring course.
- Completion of the Network Automation course is due by Q3.
- Updated the following existing course contents (modules):
    - BGP-TE/Multihoming lab module
    - BGP OpSec (Operations & Security) BCP lab
    - New DHCPv6-PD lab (both for Instructor-led and Virtual labs for Academy)
    - New SSL/TLS slides and lab module
    - New IPv6 Transition techniques slides

- Developed two new/updated courses for instructor-led tutorials/workshops.

Staffing:

- Full time trainer recruited

- Full time trainer recruited

- Full time trainer unfilled

- Full time trainer unfilled

1. Curriculum development

Curriculum development for non-technical audiences involves developing APNIC branding courseware and gamified material, to explain how the Internet works from an APNIC and Internet addressing perspective.

Objectives

- To produce ready-made, APNIC-branded, courseware, slideware, media and online educational material to:

  o Enable newcomers to actively participate in APNIC processes.

  o Increase understanding of non-technical audiences --such as government officials-- about APNIC's technical functions and its role in the Internet ecosystem.

  o Facilitate onboarding processes of newly recruited APNIC staff members.

- To develop introductory courseware about Internet fundamental concepts, including IP address management and APNIC's role in the Internet ecosystem, as well as an introduction to Internet governance from an APNIC perspective in two formats:

  o Stand-alone, APNIC branded, slideware and media, for tailored use by APNIC staff during presentations and engagements.

  o A self-paced, online learning course offered by the APNIC Academy, with the option of gaining a certificate of achievement upon completion.

- To produce a digital version of the IPGO game*, developed to increase understanding of Internet fundamentals, IP address management, and Internet governance.

Benefits to the Internet community

- More prepared fellowship recipients' participation at our conferences and PDP.

- More enabled participants at APNIC conferences.

- Informed decision-making by government officials, with better understanding of how the Internet works.

- More meaningful engagements with non-technical audiences and a better understanding of APNIC's role and services.

- Advance education in the Asia Pacific Region

Status Update

Project:

- A recruitment process commenced in February and a team of instructional designers was appointed.
- The project is in the analysis and requirements gathering phase.

Staffing:

- Product Manager contractor recruited (in June)

7. Asian Internet Interconnection Initiatives (AI3) and School of Internet Asia (SOI Asia)

AI3

The AI3 project has two main objectives:

- To continue the development and achieve the eventual full implementation of resilient satellite connectivity to support research and education infrastructure and collaboration in the Asia-Pacific with an initial focus on Southeast Asia.
- And at the same time provide connectivity in times of disaster and emergency.

To achieve these objectives, this project is focusing on three initiatives:

- The development of a Ku-band VSAT network in the Asia Pacific utilizing Unidirectional Link Routing (UDLR)
- The development of an emergency-ready, disaster response network
- Supporting Research and Education Network (REN) technology development and collaboration

These initiatives build on and continue the previous work of the AI3 program.

Expected outcomes

Research and education institutions in Asia, including remote or poorly connected sites, will have reliable connectivity or alternative connectivity for their activities, including network-based experiments.

This includes the following targets for 2021:

- Three campuses' to be connected in 2021 in Timor Leste, Nepal and Laos
- The purchase and installation of at least 3 routers and 3 switches
- The leasing of satellite bandwidth
- The leasing of VSAT hubs
- The purchase and installation of VSAT terminals

In addition to the development of the platform, this initiative will also conduct the following activities to prepare for emergencies:

- Capacity building/training for the rapid deployment and operation of the platform
- Promotion of internet emergency readiness to REN communities and strategic partners in the region.

The expected outcome of the disaster preparation activities:

- Communities affected by disasters and emergencies in the Asia Pacific will be able to rapidly recover connectivity to support relief and re-building efforts.

SOI Asia

The objective of SOI Asia is to support and foster a collaborative community among Southeast Asian universities and research institutions with the aim of using an Evidence-based Approach (EBA) and related research to support the design of resilient future societies.

To achieve this objective, the project is focusing on three initiatives:

- Developing the EBA methodology: Using an EBA, develop capacity building programs for solving emerging issues in Asia.
- Implementing an Internet engineer of the future development program: Develop capacity building programs for network engineers to advance global research and education networks of the future.
- The development of a common blended learning platform: This will be among partner institutions to support the above capacity building programs.

These initiatives build on and continue the previous work of the SOI Asia program. Here is a summary of the three initiatives:

Expected outcome: Research and education institutions in Asia will be able to develop their own programs for sustainable EBA-oriented human resource development.

This project is also developing curriculum and providing technical training for Internet engineers involved in SOI Asia and elsewhere. This includes self-paced online classes and virtual labs for individuals and group that allow participants to hone their teamworking skills in an operational environment while using actual equipment. The initiative is collaborating with AI3, the APNIC Academy, AITAC, Interop and other Internet community members in developing the training programs.

Expected outcome: Partner institutions in ARENA-PAC and SARENA-PAC will be able to develop the human resources to manage their internet infrastructure.

These outcomes including the following targets for 2021 and beyond:

- EBA program implementation in three fields; 2022-2025: 3 programs/year
- Faculty development program implementation: 1 program
- Consultation and coordination with partners: 2021: 1 meeting; 2022-2025: 2 meetings/year
- 2021: 1 AI3/SOI Asia meeting, 1 APAN/TEIN meeting, 1 other meeting / year
- Curriculum and content development: FY2021: full development

Status Update

Project:

- The Asia Pacific Resilient Society (APRS) was established within Keio University Global Research Institute (KGRI), as a working group to support and develop the AI3 and SOI Asia projects starting in April 2021. Office space has been rented on the Mita campus and office equipment (laptops, audio headsets, digital gadgets) have been purchased and prepared.

- AI3: Ku-band UDL development: Experiments and preparations for the planned Ku-band UDLR using the current C-band infrastructure have been conducted. A new proposal for satellite networks using the Starlink LEO satellite network and other Ku-band services is now being developed after the high cost of the Ku band option was recognised. The new LEO proposal will also include the emergency network.

- AI3: REN technology development and collaborations: Prepared the development and collaboration details with the aim to be announced at the next AI3/SOI Asia Meeting. Also prepared the procurement of a GPU server and machines for development.

- SOI Asia: Developing the EBA Program: Collected and collated information and documents from the SOI Asia project members and EBA Consortium. Confirmed the APRS concept framework/milestone with core members. Checked the status of the MoU/LoI with Keio University and EBA Consortium partner member universities. Prepared for AI3/SOI Asia Meeting (August 2021). Investigated/negotiated toward course credits of Keio university (pilot virtual fieldwork).

- SOI Asia: Internet Engineer Course Development: Started working with AITAC and APNIC Academy team from April on the course "Asia Pacific Internet Engineer course (APie)" and its structure.

- SOI Asia: Platform development: Collected GÉANT (regional backbone network services to national research and education networking) information and explored the feasibility for SOI Asia. Will discuss concrete action plan at AI3/SOI Asia Meeting and decide on future procedure.

Staffing:

- Program Manager recruited

- Program Assistant recruited

- Admin staff recruited

- Developer recruited

- Developer recruited

8. Sponsorships and contributions to advance Internet knowledge and education in the Asia Pacific region

The objective of this project is to sponsor and support activities, organisations, event and content that advances Internet knowledge and education in the Asia Pacific. It collaborates closely with the on-going and established sponsorship activities by APNIC.

Status Update

Sponsorships:

- The Internet Protocol Journal: The IPJ is the only independent technical journal for the Internet community and industry and has been published since 1998 with a cumulative following in print and online of around 20,000 readers.

- A Sapphire sponsorship of USD $25,000 was provided and the APNIC Foundation is now listed as a sponsor

Appendices

APNIC Foundation Affirmation of Commitment

Affirmation of Commitments between APNIC and APNIC Foundation

Parties

This Affirmation of Commitments is made between:

A.   APNIC Pty Ltd ACN 081 528 101
        for and on behalf of the Asia Pacific Network Information Centre
        of 6 Cordelia Street, South Brisbane, Queensland, Australia
        (**APNIC**);

        and

B.   APNIC Foundation Limited ACN 646 643 156
        of 6 Cordelia Street, South Brisbane, Queensland, Australia
        (**AFA**),

        and

        APNIC Foundation Limited
        a company incorporated in Hong Kong with its registered office located at 21st Floor,
        Edinburgh Tower, The Landmark, 15 Queens's Road Central, Hong Kong
        (**AFHK**)

        (AFA and AFHK collectively, **APNIC Foundation**)

Background

1.   APNIC Foundation, comprised of its constituent corporate entities, AFA and AFHK, was
        formed by APNIC to further its efforts to support training, capacity building and other
        Internet development activities in the Asia Pacific region.

2.   In this document:

        a.   a right given to APNIC Foundation is a right given to both AFA and AFHK; and

        b.   an obligation of APNIC Foundation is an obligation of either AFA or AFHK, or
                both of them, at the election of AFA and AFHK on a case-by-case basis.

3.   APNIC is the sole member of both AFA and AFHK.

4.   This document sets out the commitments that each party makes to the other party for the provision of funding and other resources by APNIC to APNIC Foundation.

5.   This document replaces and supersedes any previous Affirmation of Commitments entered into between the parties or a subset of the parties.

Mutual Objectives

6.   APNIC declares its intention and commitment to ensure that the ongoing objectives and activities of APNIC Foundation, as set out in APNIC Foundation's respective constituent documents, are fully supported.

7.   The parties envisage that, over time, APNIC Foundation will become self-funded, and its reliance upon APNIC to provide financial and other resources to enable the APNIC Foundation to carry out its objectives and activities, should diminish over time.

8.   The parties acknowledge that with APNIC's technical, resourcing, and administrative capability it is uniquely suited to assisting APNIC Foundation in the delivery of its programs in the Asia Pacific region.

9.   APNIC is committed to assisting and supporting APNIC Foundation in accordance with the terms of this document.

Commitment to funding and other support

10.   APNIC commits to ensure that, where alternative sources of funding are not procured or available to APNIC Foundation, APNIC Foundation will have the funding described in clause 11 below, for the period up to 10 years starting from the date of this document (**Funding Period**). APNIC also commits to provide a minimum of two years notice of any substantial change to its willingness to fund and support the APNIC Foundation.

11.   The funding referred to in clause 10 above will comprise:

   a.   the salary and other on-cost of employing such number of APNIC Foundation's staff members as agreed between the parties, who may be employed by APNIC and seconded to APNIC Foundation (or as otherwise agreed between the parties);

   b.   operational overheads up to an amount approved annually by the APNIC Executive Council as part of the APNIC budgetary approval process;

   c.   on a project-by-project basis as agreed between the parties, APNIC will assist APNIC Foundation with respect to the initial costs of delivering those projects until such costs are reimbursed by the donors; and

   d.   such other funding or variation of the aforementioned funding as agreed between the parties from time to time,

with the intention being that where alternative funding is available, the funding provided by APNIC under this clause 11 will be reimbursed on a cost recovery basis at such time as agreed between the parties.

12.   The parties envisage that over the Funding Period, APNIC Foundation will increasingly rely on funding from parties outside of APNIC, and eventually become self-funded. APNIC Foundation will seek, to the extent appropriate and reasonable, donors to fund APNIC Foundation's operational expenses and the delivery of projects that meet APNIC Foundation's objectives.

13.   The parties acknowledge and agree that:

   a.   any amounts provided by APNIC to APNIC Foundation will be on an interest free basis; and

   b.   the repayment by APNIC Foundation of costs incurred by APNIC for the benefit of APNIC Foundation pursuant to this document, including in respect of completing works as subcontractor to APNIC Foundation, will be without markup and only on a cost recovery basis,

such that APNIC will not derive a profit from the relationship between the parties.

Subcontracting and cost recovery

14.   Where appropriate and reasonable to do so and as agreed between the parties, APNIC Foundation will engage APNIC as a subcontractor to:

   a.   provide APNIC Foundation with staffing and other resources to assist APNIC Foundation in delivering its projects; and

   b.   assist in the design, implementation, management, and maintenance of certain projects funded by APNIC Foundation.

15.   Unless otherwise agreed between the parties, where APNIC is engaged as a subcontractor by APNIC Foundation pursuant to clause 14 above, the following terms will apply:

   a.   **(project)** the parties will agree on the scope of works, deliverables, timeframes, and budget (**Project Specifics**) for each project or part thereof being subcontracted to APNIC (**Subcontracting Project**);

   b.   **(performance)** APNIC will complete the subcontracting works in accordance with the Project Specifics;

   c.   **(documentation)** APNIC will provide such information as required by APNIC Foundation to fulfil its reporting obligations but will not assume responsibility for those obligations;

    d.   **(cost recovery)** APNIC will invoice APNIC Foundation on a cost recovery basis for all costs incurred in performing and adhering to the Project Specifics for each Project;

    e.   **(intellectual property)** each party:

        i.   agrees that all intellectual property rights developed in the course of performing the Subcontracting Project (**Project IP**) will be owned and vest in:

            A.   the party that performs such work; or

            B.   where APNIC further subcontracts the performance of the Subcontracting Project, APNIC as the main subcontractor;

        ii.   agrees, where reasonable to do so, to make the Project IP available under a Creative Commons Attribution-Share Alike License; and

        iii.   grants to each other party a worldwide, non-exclusive, royalty free, irrevocable, non-transferrable license to the Project IP.

Commitment to accountability

16.   For so long as APNIC continues to provide funding or other resources to APNIC Foundation for its projects and activities under this document, clauses 17 to 21 below will apply.

17.   APNIC Foundation will, on an annual basis by 1 December each year, submit its annual strategic plan for the following year to APNIC for its guidance and approval.

18.   APNIC Foundation will, at the end of each quarter in each calendar year, submit its operational and activity report for that quarter to APNIC for its approval.

19.   APNIC Foundation will, within 30 days after each meeting of its board of directors, provide APNIC will a copy of the minutes of the directors' meeting.

20.   APNIC Foundation will, to the extent permissible by law in the jurisdictions in which it is incorporated, adopt and observe all appropriate staffing, governance and financial policies and processes in the interests of good governance and to meet the requirements of laws which apply to it and the reasonable requirements of its donors.

21.   APNIC Foundation commits to have its annual financial statements audited by a firm of auditors acceptable to APNIC.

Commitment to collaboration, cooperation and support

22.   APNIC and APNIC Foundation are committed to maximizing collaboration, cooperation and mutual support between the parties.

23.   To achieve the objectives, set out in clause 22 above, the parties are committed to regular meetings at management level to ensure that there is regular open, transparent and productive communication between the parties.

24.   Specifically, APNIC is committed to cooperating with the APNIC Foundation by providing training, technical assistance and other support as agreed with APNIC Foundation in the development of its projects and activities in accordance with clauses 10 to 15 above.

25.   In turn, APNIC Foundation is committed to cooperating with APNIC's development activities in supporting its efforts to provide training, technical assistance and other services to APNIC's members and the Asia Pacific Internet community.

Key personnel

26.   For so long as APNIC continues to provide funding and other resources to APNIC Foundation or engages employees for the benefit of APNIC Foundation for its projects and activities under this document, clauses 27 and 28 below will apply.

27.   APNIC and APNIC Foundation agree that the following are the key personnel for APNIC Foundation:

a.   CEO/Executive Director;

b.   Head of Programs; and

c.   such other persons who may, from time to time, occupy senior executive positions within the APNIC Foundation.

28.   APNIC Foundation may not:

a.   remove or dismiss any key personnel;

b.   change the position designation of any key personnel; or

c.   make any new appointment or replace any key personnel,

without the prior written consent of APNIC.

Designated contact persons

29.   For the purposes of all communication under this document, unless otherwise agreed between the parties, the designated contact person:

a.   for APNIC – is its Director-General; and

b.   for APNIC Foundation – is its CEO.

No partnership or agency

30.   This document does not create any partnership, agency, association, employment, or any other fiduciary relationship.

31.   This document does not give any party, any authority to act as agent for, or on behalf of, or to represent or bind the other party in any manner.

Status of this document

32.   The parties record their mutual intention that this document serves as a non-binding record of their understanding.

33.   This document does not create any enforceable obligations under law.

Duration and amendments

34.   This document is intended to have effect for the Funding Period, whilst APNIC funds and supports APNIC Foundation in the manner set out in this document.

35.   The parties can modify this document by recording any such modification in writing signed by both parties.

Public links to project information

ISIF Asia: https://isif.asia/

M-root: https://m.root-servers.org/

APNIC Academy: https://academy.apnic.net/en/

Training delivery: https://training.apnic.net/

Community Trainers: https://training.apnic.net/community-trainers/

AI3-SOI Asia: https://www.soi.asia/about/