APNIC Foundation (Hong Kong)

AP* meeting
APNIC 50
Virtual
7 Sept 2020

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Key Points

1) Growing portfolio of on-going and successfully implemented projects

2) Increasingly diverse range of donors (philanthropy remains a top priority)

3) Third (and first virtual) Board and AGM meetings held in May

4) Gradually increasing our administrative and operational capacity

Board update

- ❖ Michael Malone: **New Chair** (Australia)

- ❖ Sylvia Efie Sumarlin: Former Chair (Indonesia)

- ❖ Edward Suning Tian (China)

- ❖ Sharad Sanghi (India)

- ❖ Jun Murai (Japan)

- ❖ Danish Lakhani (Pakistan)

Search continues for 7th and final Board member.

Administration

❖ Increased staffing: 1 admin position; project coordinators in PNG, Pacific (and soon SE Asia).

❖ New admin tools in place: SharePoint document system; Confluence project documentation system and Board platform; Slack communication channels

❖ Privacy policy updated;

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Finance and governance

❖ Third audited financial statements successfully completed

❖ PwC Hong Kong continues as company secretary and auditor

Projects Update

SWITCH SEA

Supporting Women Leaders in Internet Research in South East Asia

2020 — 2021

Department of Foreign Affairs and Trade — Australia

Viet Nam, Thailand, Cambodia and The Philippines

USD 336,000

Leadership development for 100 women in South East Asia:
- Community engagement started
- Local coordinators being considered

Myanmar University Network Training

Confirmed for 2020 (2019/18)

KDDI Foundation (Japan)

Myanmar

To be determined

Full cost recovery for APNIC for two virtual workshops – routing and information security

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Pacific Technical Training

2019 — 2021

DFAT — Australia

Fiji, Solomon Islands, Tonga and Vanuatu

USD 336,000 – additional USD 215,000 in 2020 Q2

Moved to full virtual implementation

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PNG Technical Training

2018 to 2021 — **extended to March 2021**

Asia Foundation (USA); DFAT (Australia); MFAT (New Zealand)

Papua New Guinea

USD 451,731 — The largest training and technical assistance investment APNIC has been able to deliver for any APAC economy

24 events including 17 workshops, APNIC46 and APRICOT2020; 248 participants out of 96 organizations (including 22 APNIC members) completed 386 courses. PNG CERT established; PNG IXP supported and briefings for establishment of PNGNOG conducted.

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ISIF Asia

❖ 107 innovative initiatives in 24 economies (79 grants and 28 awards by August 2020)

❖ USD 3.64 million allocated from APNIC, IDRC, Sida, The Dot Asia Organization, ICANN and APIA.

❖ WSIS Champion 2018 and 2019

❖ **2020 process selected four projects (USD 120,000 from APNIC), including an additional USD60,000 allocated to support two projects.**

• The 2020 Network Operations Research Grants support the development of an independent Internet research community in the Asia Pacific, funding four projects focused on the availability, reliability, and security of the Internet

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

17 PARTNERSHIPS FOR THE GOALS

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ISIF Asia Grant Recipients 2020

Four projects from four economies receiving USD 30,000 each

Network Operations Research Grants

1. **Open Lawful Intercept for Asia Pacific:** University of Waikato. New Zealand
2. **IPv6 Deployment at Enterprises:** India Internet Engineering Society. India
3. **Collaborative Honeynet Threat Sharing Platform:** Swiss German University. Indonesia
4. **Experiment and improve reinforcement learning algorithms to enhance anomalous network behaviour detection:** TeleMARS Pty Ltd. Australia

Project proposals under discussion

Cybersecurity training

- **Donor:** Japan International Cooperation Agency (JICA)
- **Economies:** Indonesia/SE Asia
- **Funding amount:** To be determined
- **Potential impact:** Improved cybersecurity knowledge (Masters degree curriculum)

Completed projects in 2019-2020

PNG CERT development

Donor: DFAT (Australia)
Economies supported: Papua New Guinea
Funding: USD 57,000 for 18 months
Impact:
- Reviewed technical specifications for equipment procurement
- Equipment delivered with service agreement from vendor
- Technical Assistance for CERT team

RPKI deployment support for IXPs

Donor: JPNIC (Japan)
Economies supported: Bhutan Myanmar and Nepal (with Fiji accepting invitations)
Funding: USD 20,222 for 3 months
Impact:
- 5 IXP staff attended the RPKI Deployathon at APRICOT
- Accelerated RPKI deployment at IXPs
- Full cost recovery for APNIC plus staff costs

Funding

Funding received 2020

Year	Donor	Origin	Project	AUD	USD
2020	DFAT	AU	Pacific Technical Training (3rd tranche)	300,000†	215,290†
2020	DFAT	AU	Pacific Technical Training (2nd tranche)	200,000	126,890
2020	APNIC	AU	ISIF Asia	141,473†	101,526†
2020	JPNIC	JP	RPKI Project Funding	33,891	20,222
2020	DFAT	AU	SWITCH SEA	500,000*	317,670*
Total				**1,175,364**	**781,598**

† Additional tranche from DFAT to increase training, amount and date TBA. Rates estimated as of 25/08/2020
† Additional funding from APNIC, rates estimated as of 25/08/2020
* In progress, exchange rates estimated as of 24/04/2020

Funding totals

Year	AUD	USD
2017	407,000	309,328
2018	995,896	731,162
2019	329,783	402,207
2020	1,175,364	781,598
Grand Total	**2,908,043**	**2,224,295**

2020/21 Priorities

❖ Relationship and engagement with APIDT;

❖ Continued growth and expansion (staffing, collaboration etc.)

❖ Project management and implementation (COVID19 impacted)

❖ Fundraising

Questions?

Thanks!

Completed Projects

Completed projects in 2019

Pacific CERTs development

First project funded and completed

Donor: DFAT (Australia)

Economies supported: Cook Islands, Fiji, Kiribati, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu

Funding: USD 166,000 over 24 months

Impact:

- 3 regional workshops (Tonga, New Caledonia, Samoa)
- Support to strengthen CERT Tonga, and support the establishment of PNG CERT and Vanuatu CERT
- CERT teams for 10 countries trained

Pacific LEAs training & support

Donor: DFAT (Australia)

Economies supported: Fiji, Kiribati, New Caledonia, Nauru, French Polynesia, RMI, Guam, PNG, Palau, Cook Islands, Samoa, Tonga, Vanuatu and Niue

Funding: USD 75,000 for 12 months

Impact:

- Deliver cybercrime awareness training
- Provide cybercrime training to law enforcement officers
- Share cybercrime threat information and enhance operational collaboration