

(APNIC ISIF Project)

**An Extension of the Ongoing Project
“Developing a Collaborative BGP Routing Analyzing
and Diagnosing Platform” Project**

Coordination Report

**Tsinghua University
November 19th, 2024**

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Projects

Development

- **Previous Project: Joint Research on IPv6 Network Management: Research Development and Demonstration**
- June 2020 – May 2023
- Funded by National Key Research and Development Program of China
- Development of the BGPWatch and Looking Glass platforms
- Collaborations with international research institutions and universities

Improvement

- **Previous Project: Developing a Collaborative BGP Routing Analyzing and Diagnosing Platform**
- Feb. 2022 – Aug. 2023
- Co-founded by APNIC Foundation and Tsinghua University
- Continuous improvement of platforms
- Partnerships and collaborations with NRENs across the Asia Pacific region

Enhancement

- **Current Project: An Extension of the Ongoing Project “Developing a Collaborative BGP Routing Analyzing and Diagnosing Platform”**
- Dec. 2023 – June. 2025
- Co-founded by APNIC Foundation and Tsinghua University
- Enhancement of features and functionalities on platforms
- Partnerships with worldwide NRENs, institutions and organizations for international collaborations

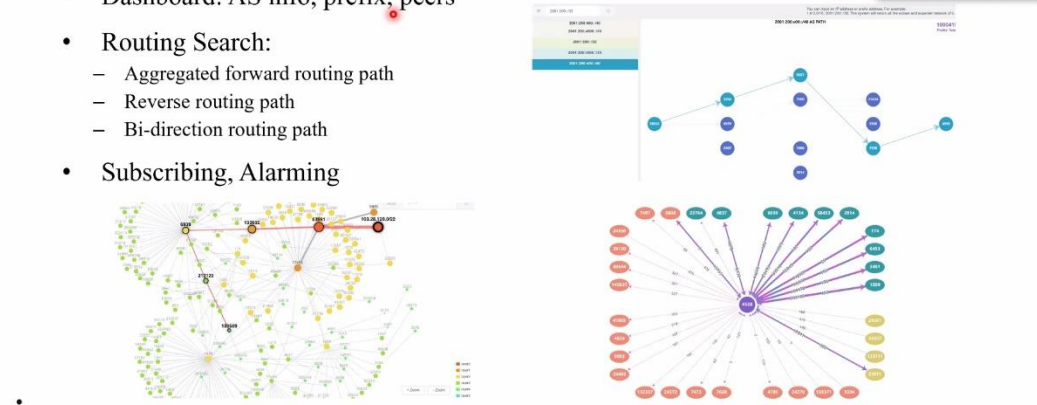
Previous Activity – 1

APNIC

- APNIC Webinar
- 5/22/2024, Online
- Webinar
 - BGP Routing Analysis with BGPWatch
- 124 attendees from 36 economies joined

Tools for Network Operator

- Dashboard: AS info, prefix, peers
- Routing Search:
 - Aggregated forward routing path
 - Reverse routing path
 - Bi-direction routing path
- Subscribing, Alarming



<https://bgpwatch.cgtf.net>

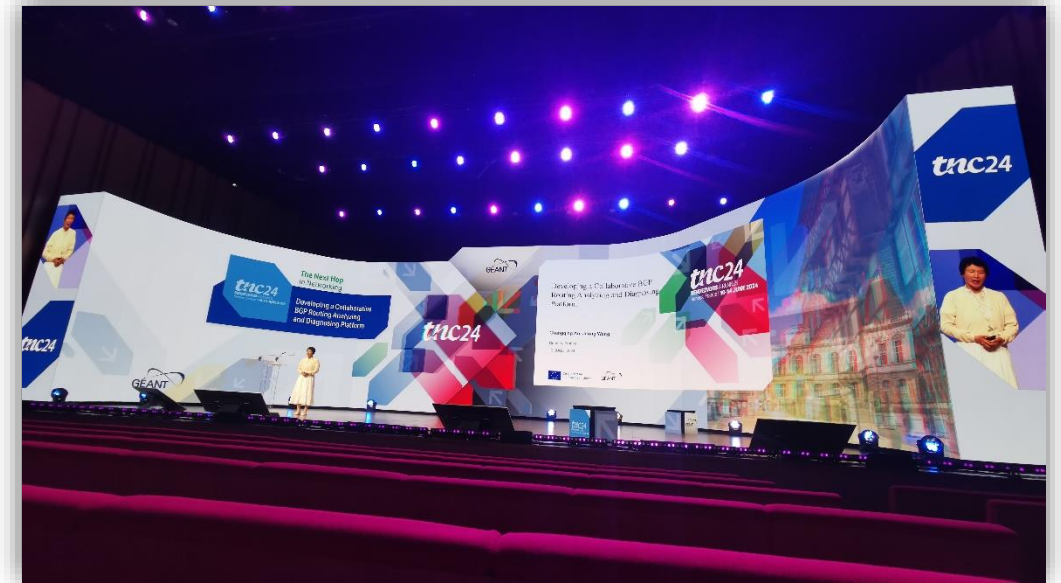
APNIC FOUNDATION

清华大学 Tsinghua University

Previous Activity – 2

- TNC24
- 6/10-6/14/2024, France
- **Presentation**
 - BGPWatch platform
- Over 100 conference attendees joined

tnc24



Established peer connections with



1. **RNP – Rede Nacional de Ensino e Pesquisa**

- Brazilian network for education and research

2. **RedCLARA – Cooperación Latino Americana de Redes Avanzadas**

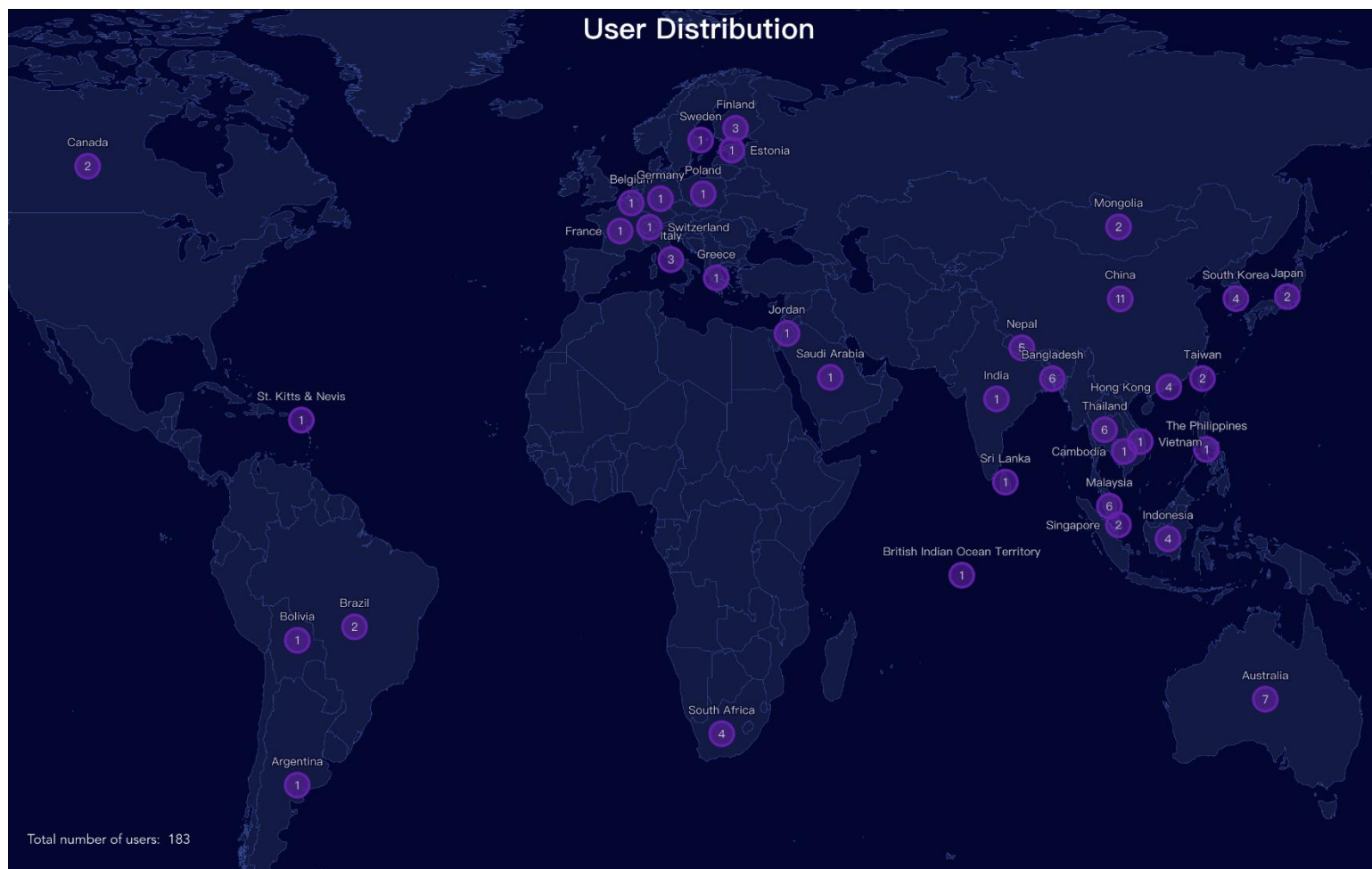
- Contribute to the development of science, education, technology and innovation in Latin America and the Caribbean through the articulation, connection and strengthening of their national research and education networks



- **Outreaching for more...**

Current BGPWatch User Distribution

- 183 users across five continents.



Funding Status

Consolidated Budget

	ISIF Asia Grant	Applicant's in-kind contribution	Remarks
International Engagement/Community Engagement	33,000		The costs associated with training and professional development for the staff project team.
Staff Mentoring and Training	15,000		This covers the training fees of project team staffs and engineers.
Support Services Fees	37,000		This cost is related to hosting, translation, office supplies, tax, administration fee, website, and so forth.
Human Resources of Project Coordination Committee/Technical Support/Secretariat		65,000	The cost of human resources from Tsinghua University for the work of Co-PI, Project Coordination Committee/Technical Committee/Secretariat in this project.
Total	85,000	65,000	

Funding Status

- Amount Awarded in USD.....\$85,000.00
- First disbursement from APNIC.....\$42,500.00
- Progress report writing to submit
 - International Engagement.....\$8,954.34
 - Capacity and Professional Development.....\$5,913.92
 - Support Services.....\$22,858.51
- Total expenses.....\$37,726.78
- In-kind contribution from Tsinghua University..... \$32,500.00
- Current balance.....\$4,773.22

Next Steps

- APAN59
 - Japan, 3rd – 7th March, 2025
 - Final project meeting
 - Project reviews
 - Invite partners to join us
- Bilateral meetings
 - Plan to have more communications with new partners
 - Feel free to contact with us if you have any questions or suggestions
- Explore more international collaborations

Thank you.

APAN59

- APAN59
 - Japan, 3rd – 7th March, 2025
 - Final project meeting
 - Project reviews
 - Invite partners to join our session
 - Share feedbacks, takeaways, anything helpful for your work