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9th Conference of the Asia Pacific Public Electronic Procurement Network e-Government Procurement Conference 2023 Tbilisi

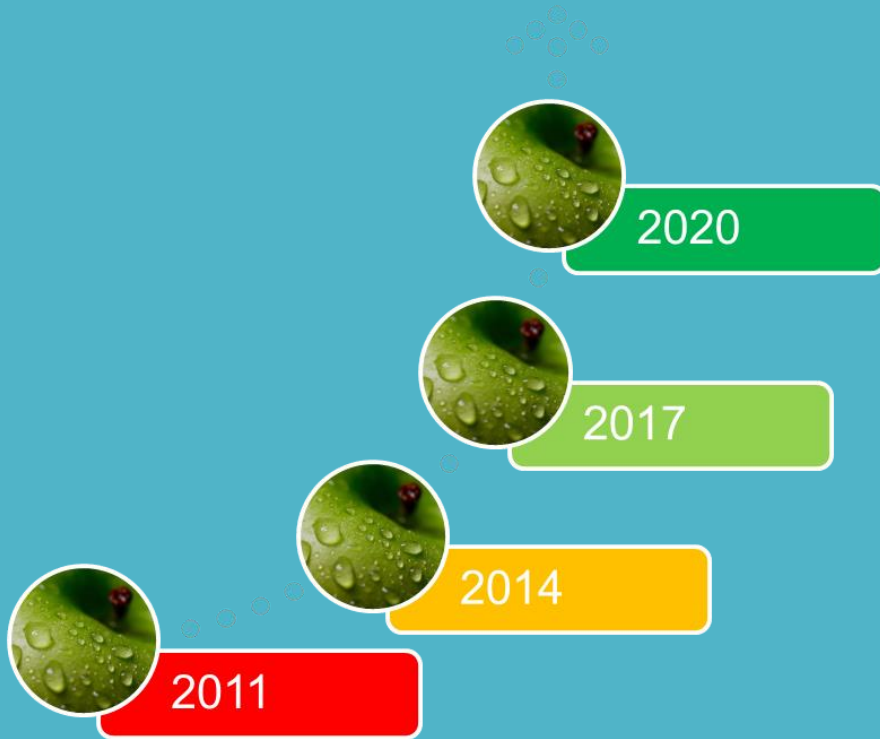
SESSION 10 e-procurement survey, benchmarking and moving forward

**Dr. Ramanathan Somasundaram, ADB Consultant
Mr Chris Smith, ADB Consultant**

19th October 2023

- Overview of the survey
- Initial survey findings
- Moving forward

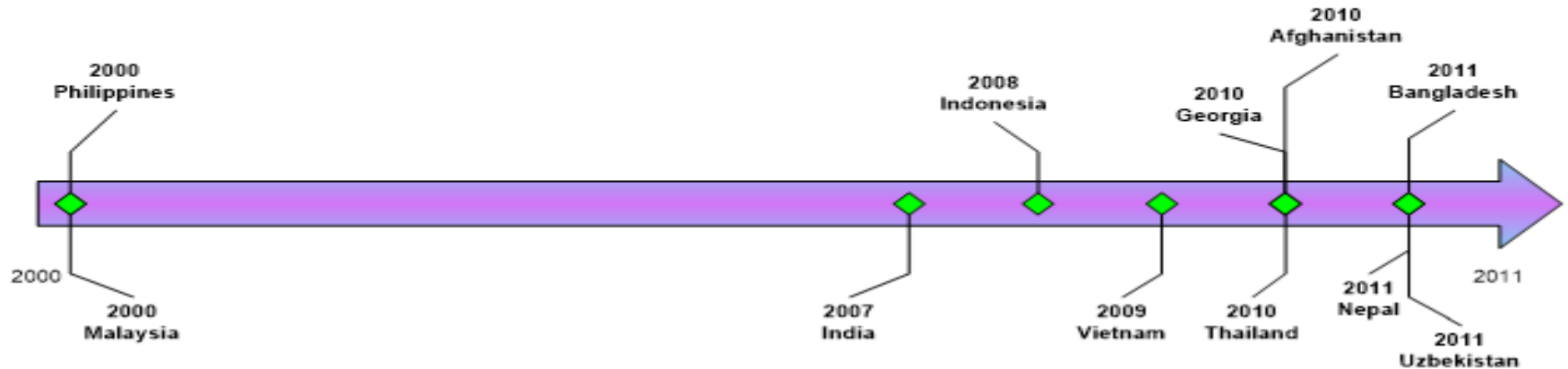
Background



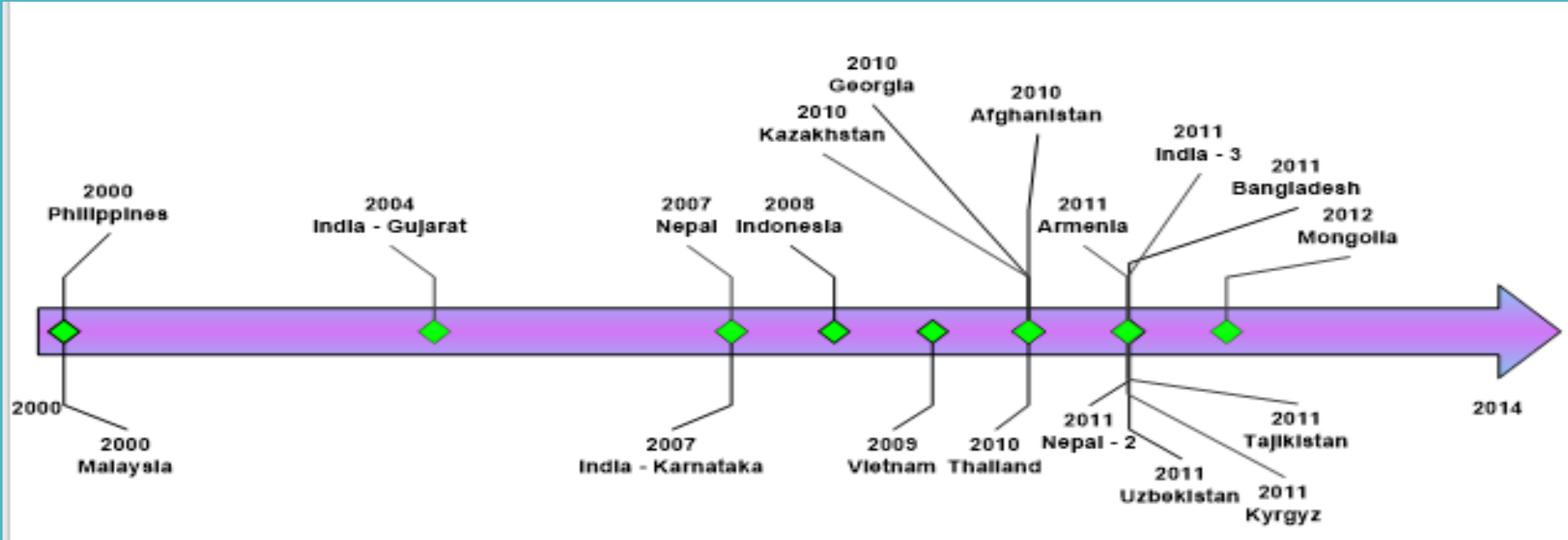
- Surveys covered countries in the Asia Pacific region
- 4 surveys completed

e-GP Status (2011 survey)

Timeline Depicting the Start of e-GP Implementation in the 11 Countries

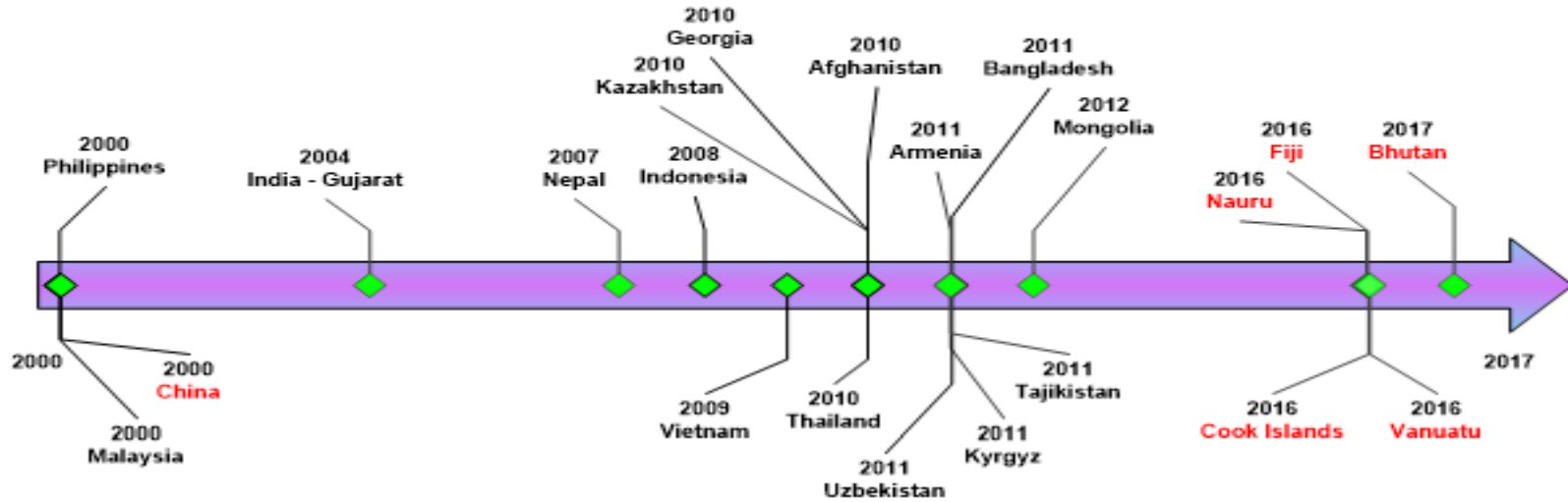


e-GP Status (2014 survey)



e-GP Status (2017 survey)

Timeline Depicting the Start of e-GP Implementation in 22 Countries (2017 Survey)



e-GP survey 2023



- Status of adoption of eGP in ADB Member countries
- Identify scope
- Identify geographic coverage
- Identify tools used
- What are good practices/ best practices?

The screenshot shows the ADB website interface for a project page. At the top, there is a navigation bar with the ADB logo, 'ASIAN DEVELOPMENT BANK', and various menu items like 'WHO WE ARE', 'WHAT WE DO', 'WHERE WE WORK', and 'WORK WITH US'. A search bar is also present. Below the navigation, the project title 'Regional : Strengthening the Asia Pacific Public Electronic Procurement Network (Phase 2)' is displayed, along with the project ID 'Sovereign Project | 52109-002' and a 'Status: Active' badge. The page is divided into several sections: 'Overview', 'Project Data Sheet', 'Documents', and 'Tenders'. The main content area contains a detailed description of the project's purpose and goals. To the right, there is a 'Project Details' sidebar with information about the project officer (Ismakova, Galiya), the country/economy (Regional), and the sector (Multisector). Below this, there is a 'Latest Project Documents' table and a 'Related Projects' section. At the bottom of the page, there is a 'SUBSCRIBER SERVICES' section with social media icons and a footer with copyright information and contact details.

News and Events ADB Institute Contact English

WHO WE ARE WHAT WE DO WHERE WE WORK WORK WITH US Search

Projects | Strengthening the Asia Pacific Public Elec...

Regional : Strengthening the Asia Pacific Public Electronic Procurement Network (Phase 2)

Sovereign Project | 52109-002 Status: Active

Overview Project Data Sheet Documents Tenders

The knowledge and support technical assistance (TA) is a follow-up to the successfully implemented TA for an Asia Pacific Public Electronic Procurement Network and to phase 1 of the TA for Strengthening the Asia Pacific Public Electronic Procurement Network. This TA will further support cooperation between the developing member countries (DMCs) of the Asian Development Bank (ADB) and with other regional procurement networks, including the Inter-American Network on Government Procurement. It will continue to support the implementation of electronic government procurement (e-GP), including assessments of e-GP systems, security audits, procurement, contract management, use of artificial intelligence, and machine learning.

Latest Project Documents

Title	Date
Strengthening the Asia Pacific Public Electronic Procurement Network (Phase 2): Technical Assistance Report	Nov 2022

Project Details

Project Officer
Ismakova, Galiya
Procurement, Portfolio and Financial Management Department
[Request for information ->](#)

Country/Economy
Regional

Sector
Multisector

Related Projects

52109-001
Strengthening the Asia Pacific Public Electronic Procurement Network.

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Headquarters
6 ADB Avenue, Mandalajong City 1550, Metro Manila, Philippines
☎ +63 2 8632 4444 📠 +63 2 8636 2444

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ADB encourages websites and blogs to link to its web pages.

e-GP survey 2023 – status to date

- We asked 37 countries to complete
- Gather wide range of data about DMC's e-GP systems
- functionality,
- business model,
- IT security arrangements,
- open data,
- project management challenges and benefits.

e-GP survey 2023 – what it is for?



- Inform procurement professionals about current good practices
- Identify potential gains in streamlining the procurement process.
- Benchmark maturity of e-GP by comparing data with previous ADB e-GP studies.

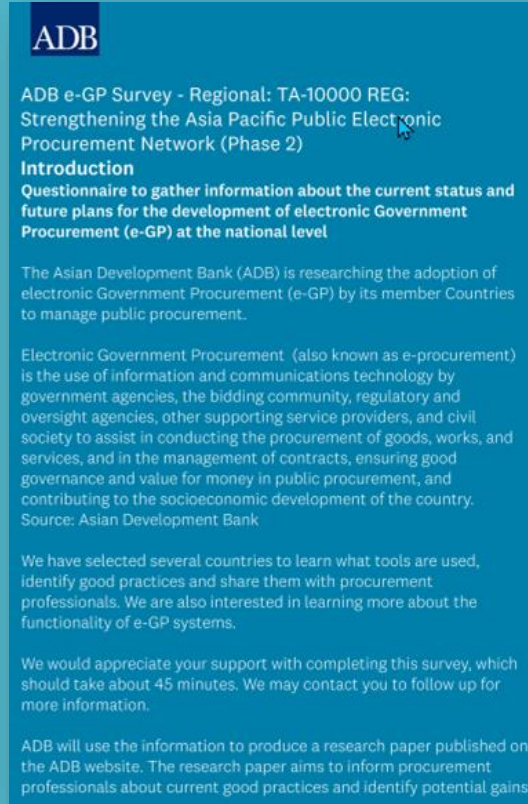
Research Methodology

Step 1. Online Survey
Monkey questionnaire
issued 1st October

Step 2. Analyse
country responses and
data

Step 3. Prepare report

Step 4. Publish on
ADB website



ADB

ADB e-GP Survey - Regional: TA-10000 REG:
Strengthening the Asia Pacific Public Electronic
Procurement Network (Phase 2)

Introduction
Questionnaire to gather information about the current status and future plans for the development of electronic Government Procurement (e-GP) at the national level

The Asian Development Bank (ADB) is researching the adoption of electronic Government Procurement (e-GP) by its member Countries to manage public procurement.

Electronic Government Procurement (also known as e-procurement) is the use of information and communications technology by government agencies, the bidding community, regulatory and oversight agencies, other supporting service providers, and civil society to assist in conducting the procurement of goods, works, and services, and in the management of contracts, ensuring good governance and value for money in public procurement, and contributing to the socioeconomic development of the country. Source: Asian Development Bank

We have selected several countries to learn what tools are used, identify good practices and share them with procurement professionals. We are also interested in learning more about the functionality of e-GP systems.

We would appreciate your support with completing this survey, which should take about 45 minutes. We may contact you to follow up for more information.

ADB will use the information to produce a research paper published on the ADB website. The research paper aims to inform procurement professionals about current good practices and identify potential gains



ADB

ADB e-GP Survey - Regional: TA-10000 REG:
Strengthening the Asia Pacific Public Electronic
Procurement Network (Phase 2)
e-GP system implementation plan

6. For countries without an e-GP system, state whether implementing an e-GP system is being planned (select only one)

- Yes, implementing an e-GP system is envisaged in the next 1-2 years.
- Readiness assessment is being planned
- Business analysis/needs assessment
- Funds allocated for e-GP implementation
- Procurement of e-GP system is on-going

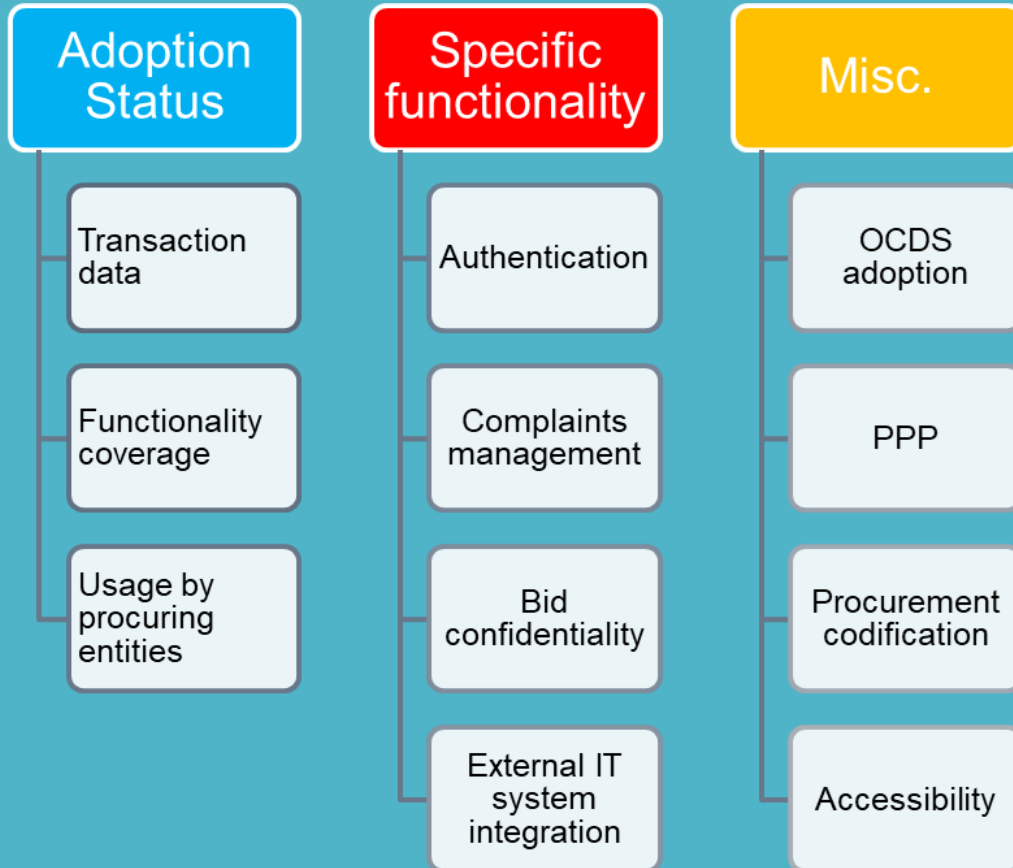
Other (please specify)

7. When there are no plans, is there a procurement notice portal where tenders and contract awards are advertised? Kindly share the details as applicable. Those who do not have an e-GP system are advised to skip directly to question 89.

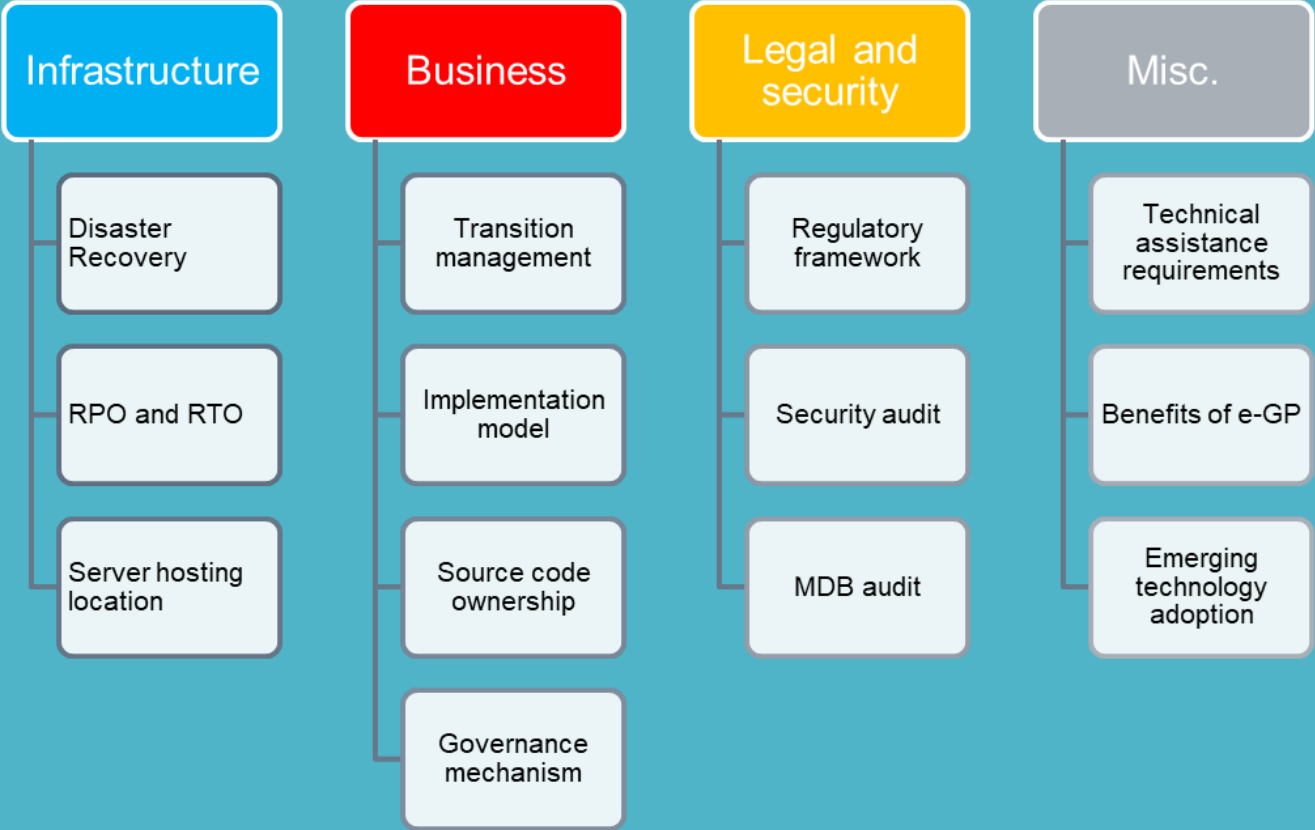
- Yes
- No

Provide additional information as required

Subjects Covered in the Survey



Subjects Covered in the Survey





Initial Study Findings

Respondents



SERD (5)

- Vietnam
- Indonesia
- Malaysia
- Thailand
- Lao



SARD (5)

- Bangladesh
- Sri Lanka
- Pakistan
- Nepal
- Bhutan



PARD (11)

- Palau
- Timor-Leste
- Cook Islands
- Marshall Islands
- Fiji Islands
- PNG
- Kiribati
- Tonga
- Tuvalu
- Samoa
- Micronesia

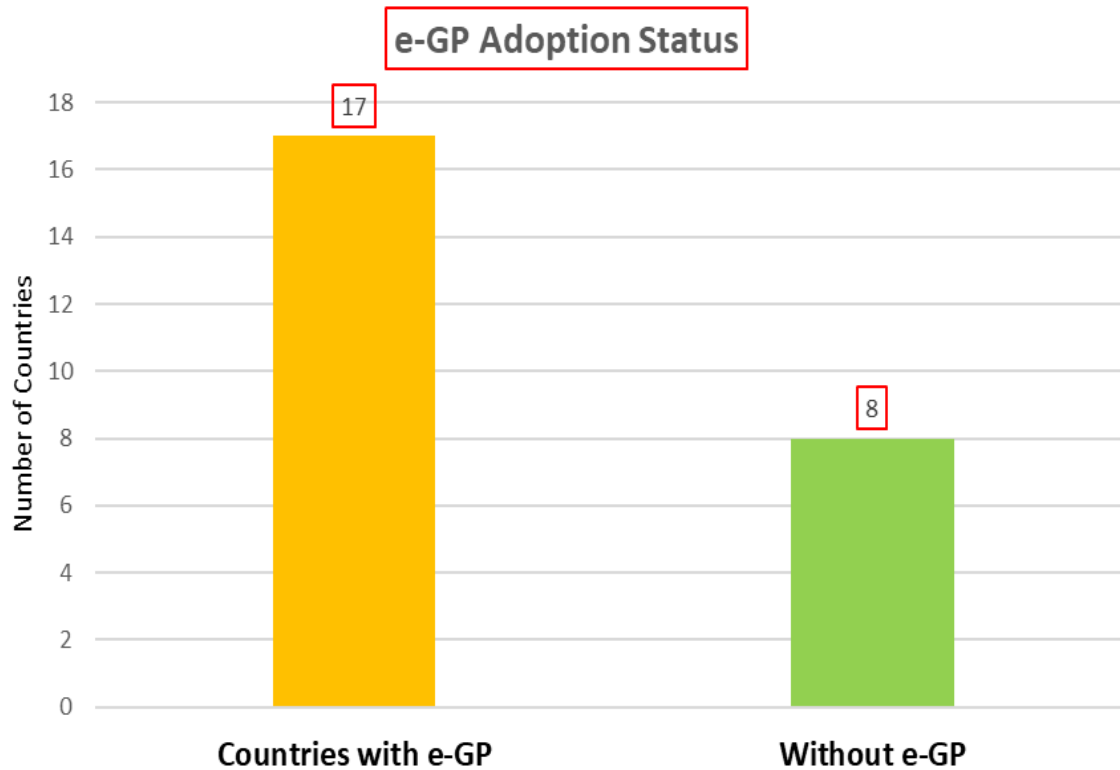


CWRD (4)

- Kazakhstan
- Tajikistan
- Armenia
- Uzbekistan

- 25 responses were considered for this interim analysis
- Maldives, Azerbaijan and Vanuatu submitted their response within the last 2 days
- 9 countries – responses pending

e-GP System Adoption Status

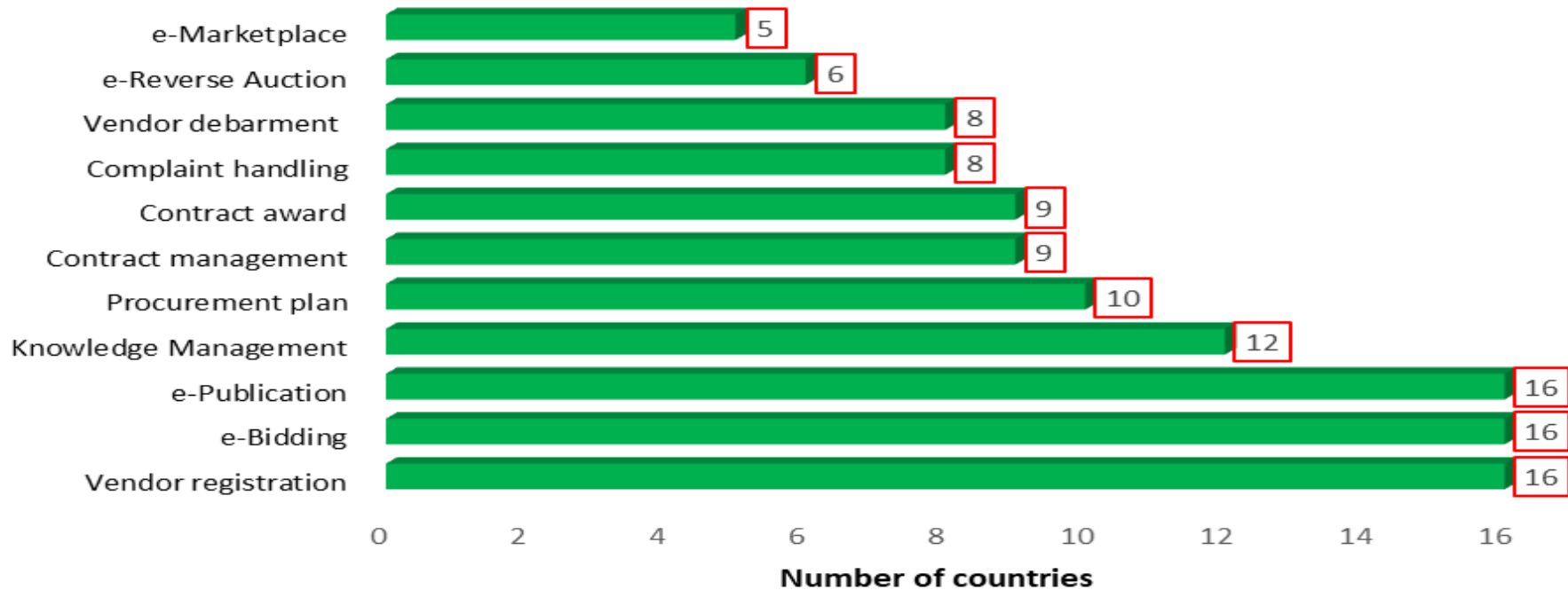


- Most of the 8 countries are from the Pacific region
- 6 out of the 8 have the plans to implement e-GP
- 3 countries have multiple e-GP systems

e-GP System Functionality Adoption



e-GP System Functionality Adoption



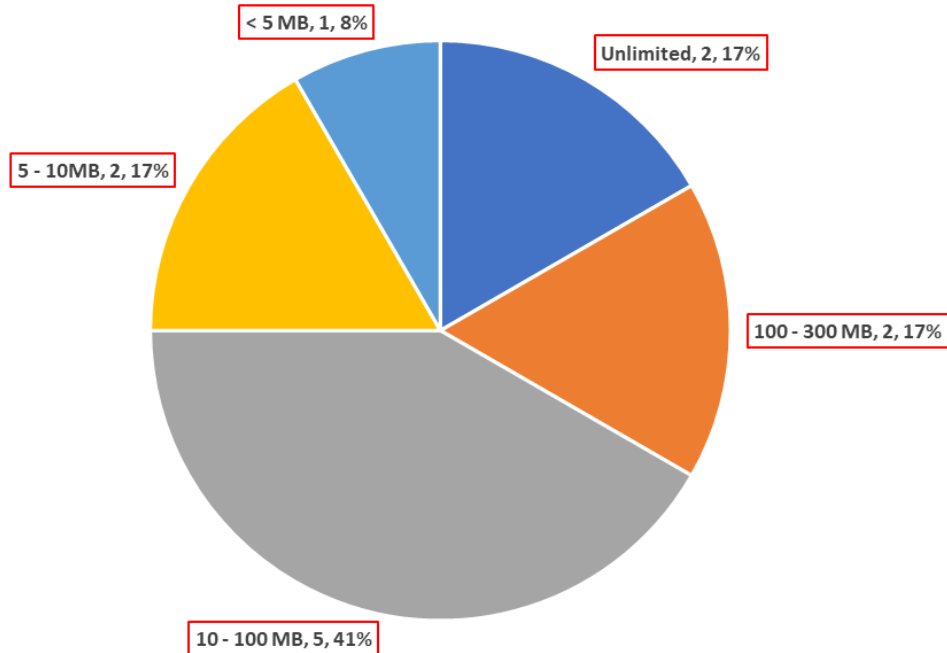
Key e-GP System Functionality

Description	Government	Vendors
Digital Signature - Mandatory	5 (out of 17) - 29.41%	4 (out of 17) - 23.52%
Digital Signature - Optional	2	3

Description	Response
e-GP systems where foreign bidders can participate	11 (out of 17) - 64.70%
e-GP system auto-generates bidding document	10 (out of 17) - 58.82%
A mobile App is developed for the e-GP system	5 (out of 17) - 29.41%
e-GP system integrated with 3rd party messaging platforms (e.g. Viber and whatsapp)	4 (out of 17) - 23-52%

Max File Size Uploaded in the e-GP System

Max size of a file uploaded in the e-GP system



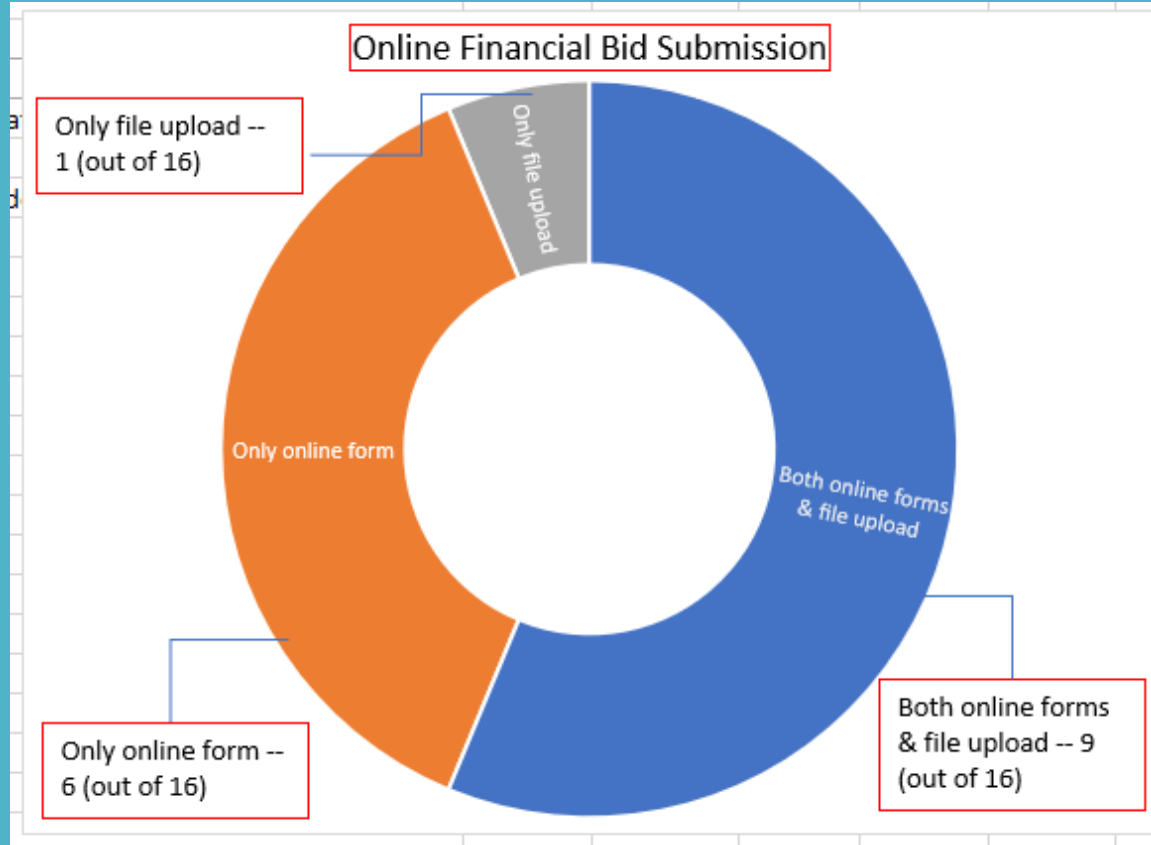
- About 40% of the e-GP systems allow the bidders to upload files between 10 and 100 MB.
- 2 out of 12 e-GP systems allowed did not limit the file size
- 2 out of 12 e-GP systems allow the bidders to upload files between 100 and 300 MB.

e-GP System Functionality



Description	Response
Vendor ID is verified against a national ID database (e.g. Tax)	6 (out of 16) - 37.50%
System allows bidders to select bid currency at the item level	6 (out of 16) - 37.50%
Bidders can view the technical proposals of other bidders which participated in the tender	5 (out of 16) – 31.25%
Impaired vision friendly systems	2 (out of 16) - 12.5%

Online Financial Bid Submission



- In most e-GP systems, bidders are allowed to submit their price bids in online forms and using file attachments ($9/16 = 56.25\%$)
- In about 1/3rd of the e-GP systems, the bidders are required to submit bids using online forms.
- File upload as the only option for price bid submission is less (i.e., $2/16 = 12.5\%$)

e-GP - External IT system Integration

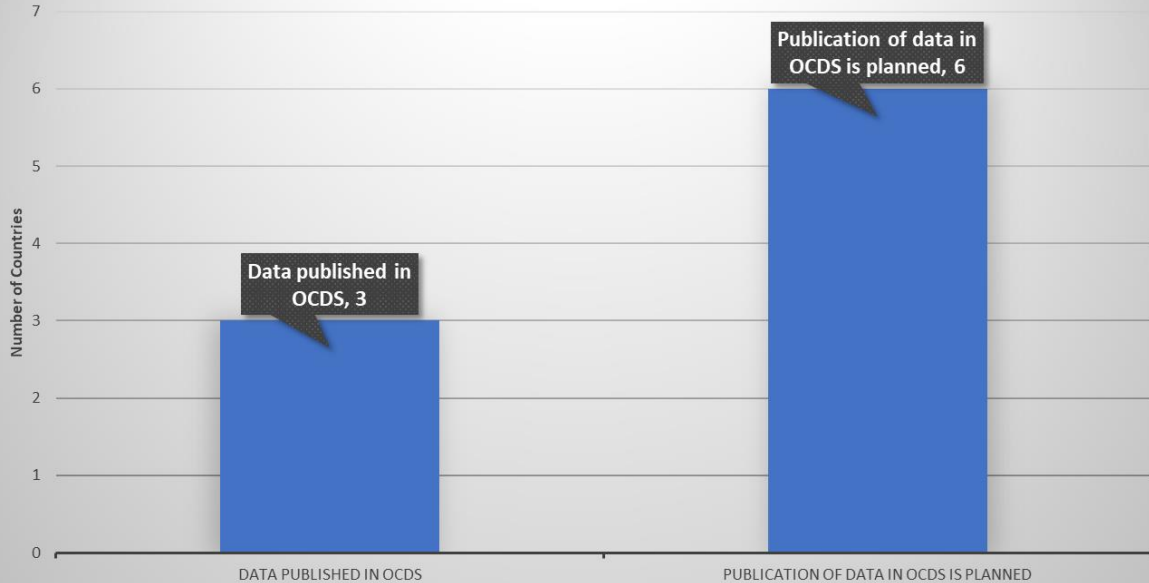


Description	Integrated	Integration planned
FMIS	7 out of 16 (43.75%)	6 out of 16 (37.5%)
Tax authority	8 out of 16 (50%)	4 out of 16 (25%)
Business registration	8 out of 16 (50%)	4 out of 16 (25%)
Banking	3 out of 16 (18.75%)	8 out of 16 (50%)
Judiciary	1 out of 16 (6.25%)	3 out of 16 (18.75%)
Contractor's association	1 out of 16 (6.25%)	3 out of 16 (18.75%)

Procurement Data in OCDS Format



Publication of Procurement Data in OCDS Format

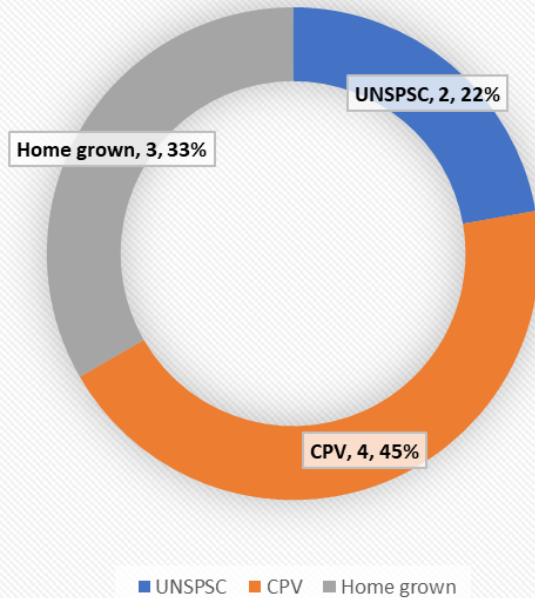


- 3 countries have published data in OCDS format
- 6 countries have plans to publish

Procurement Codification Standard



Adoption of Procurement Codification Standard



- 4 countries have adopted CPV
- 2 have adopted UNSPSC
- 3 have adopted home grown standards

Emerging Technology Adoption



Description	Adopted	Plan to adopt
Artificial intelligence	2 (out of 16) - 12.5%	8 (out of 16) - 50%
Machine learning	3 (out of 16) - 18.75%	8 (out of 16) - 50%
Big data analytics	No response	12 (out of 16) - 75%
Drone technology	No response	2 (out of 16) - 12.5%
Blockchain technology	No response	7 (out of 16) - 43.75%



Moving Forward