



Public Procurement  
Service

**KIP** KOREA INSTITUTE  
OF PROCUREMENT

## **e-Procurement education Program in Asia and Pacific Region**

**Seoul, 28/4 – 02/5/2025**

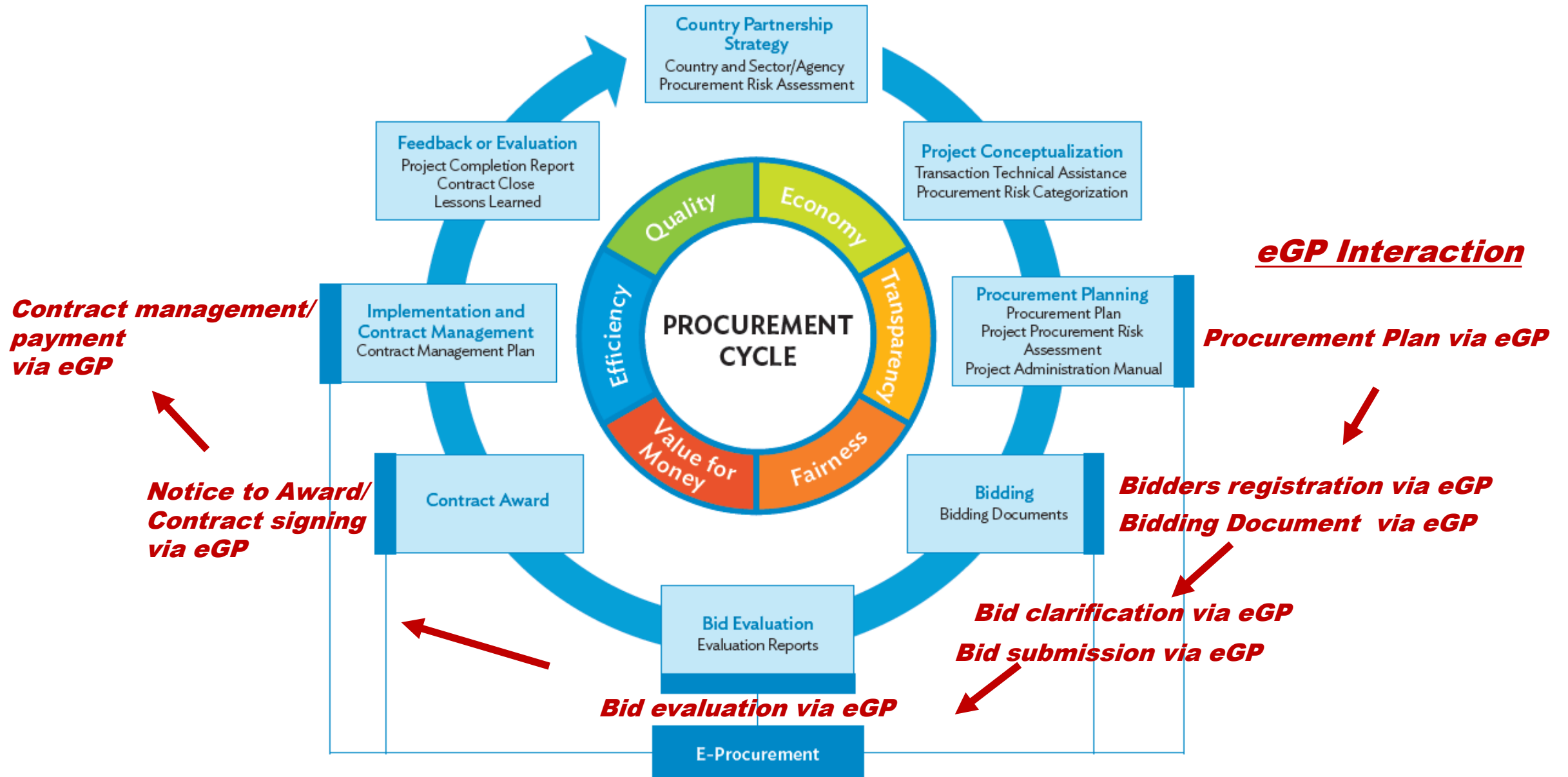
# Use of e-Government Procurement (eGP) in ADB operations

**ADB e-Procurement Team**

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The Asian Development Bank (ADB) plays a significant role in promoting e-GP in its developing member countries (DMCs) as part of its broader mission to enhance public sector management, governance, and operational efficiency.

# E-Procurement in the ADB Procurement Cycle



# ADB's support for e-GP includes

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- **Asia Pacific Public Electronic Procurement Network (APPePN):** ADB has initiated and supported the Asia Pacific Public Electronic Procurement Network (APPePN), a collaborative platform that facilitates knowledge sharing and cooperation among DMCs.
- **Technical Assistance Projects:** ADB has launched technical assistance projects (e.g. TA 9680-REG, TA 10000, etc) aimed at strengthening e-procurement systems in the region. These projects focus on supporting DMCs in adopting e-GP systems, conducting system assessments, and facilitating the integration of digital technologies to improve procurement efficiency and transparency.
- **Guidance and Knowledge Resources:** ADB provides comprehensive guidance materials, such as the *E-Procurement* document, which outlines the benefits of e-procurement and offers tools for assessing and implementing e-procurement systems. These resources emphasize the importance of flexibility, change management strategies, and high-level oversight in the successful adoption of e-procurement.
- **Financing:** Offering loan and grants for e-procurement infrastructure, including digital technologies and cybersecurity, as seen in Bangladesh and Viet Nam.
- **Integration with Sustainability Goals:** Encouraging e-GP to support green public procurement, aligning with Strategy 2030

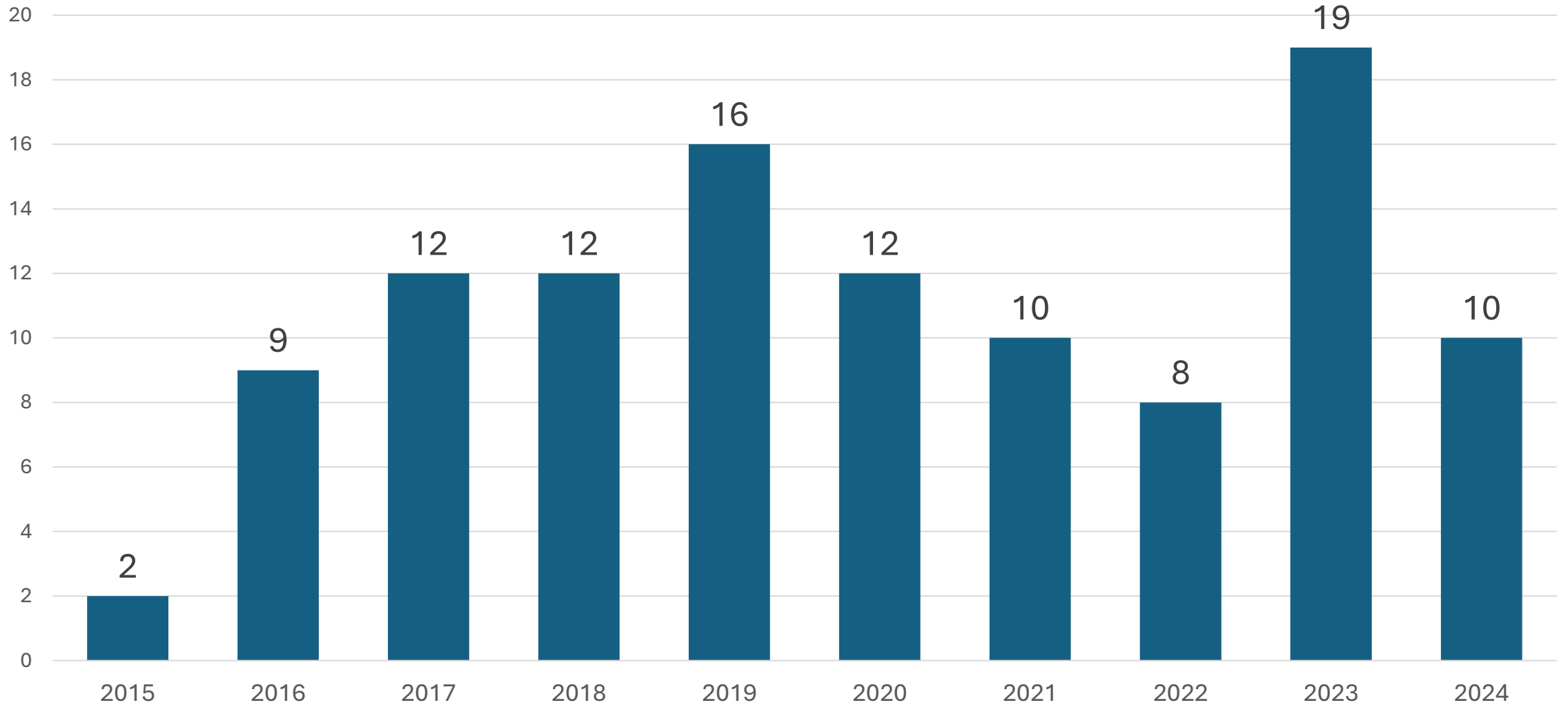
*In a nutshell:*

- **112** eGP assessments conducted
- of which **93** approved for use in ADB projects
- **12** DMCs eGP systems approved for national OCB
- **5** DMCs eGP systems approved for international OCB

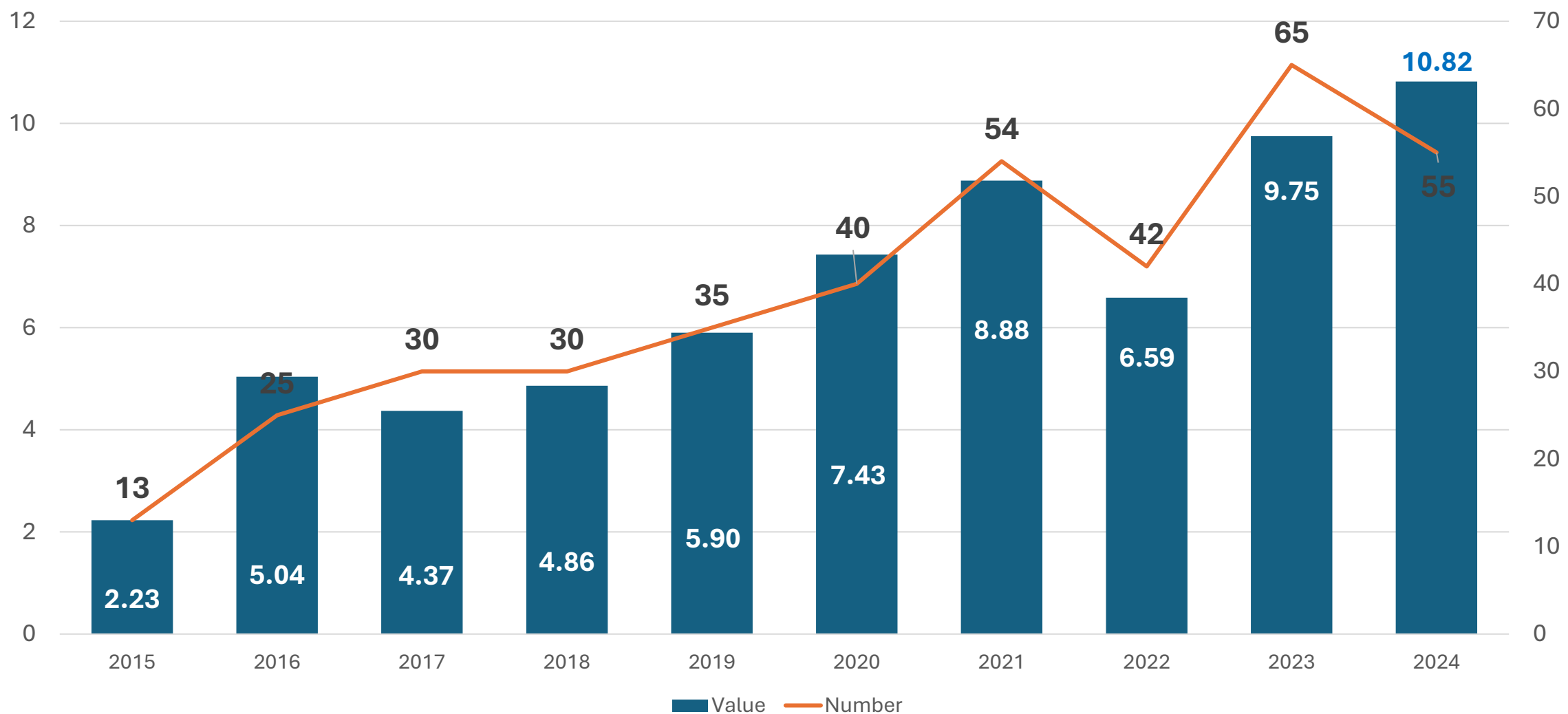
Country	No. of Assessments	Approved Systems	Use of ADB SBD/ADB Approved SBD		Use of Country Specific/ Harmonized SBD
			National OCB	International OCB	National OCB
CENTRAL WEST ASIA					
Armenia	1	1	x		
Georgia	2	1	x	x	
Kyrgyz Republic	1	1	x		
Pakistan	1	0			
Tajikistan	1	0			
Uzbekistan	1	0			
EAST ASIA					
China	6	5	x		
Mongolia	1	1	x		

Country	No. of Assessments	Approved Systems	Use of ADB SBD		Use of Country Specific/Harmonized SBD
			National OCB	International OCB	National OCB
SOUTH ASIA					
Bangladesh	3	3	x		x
Bhutan	2	0			
India	74	70	x	x	
Maldives	1	1			
Nepal	4	3	x	x	
Sri Lanka	1	0			
SOUTHEAST ASIA					
Indonesia	3	3	x		
Vietnam	5	2	x		
PACIFIC ISLANDS					
Fiji Islands	1	1	x	x	
Marshall Islands	1	1	x	x	
ADB - REG	3	0			

## Number of e-GP assessments, 2015-2024

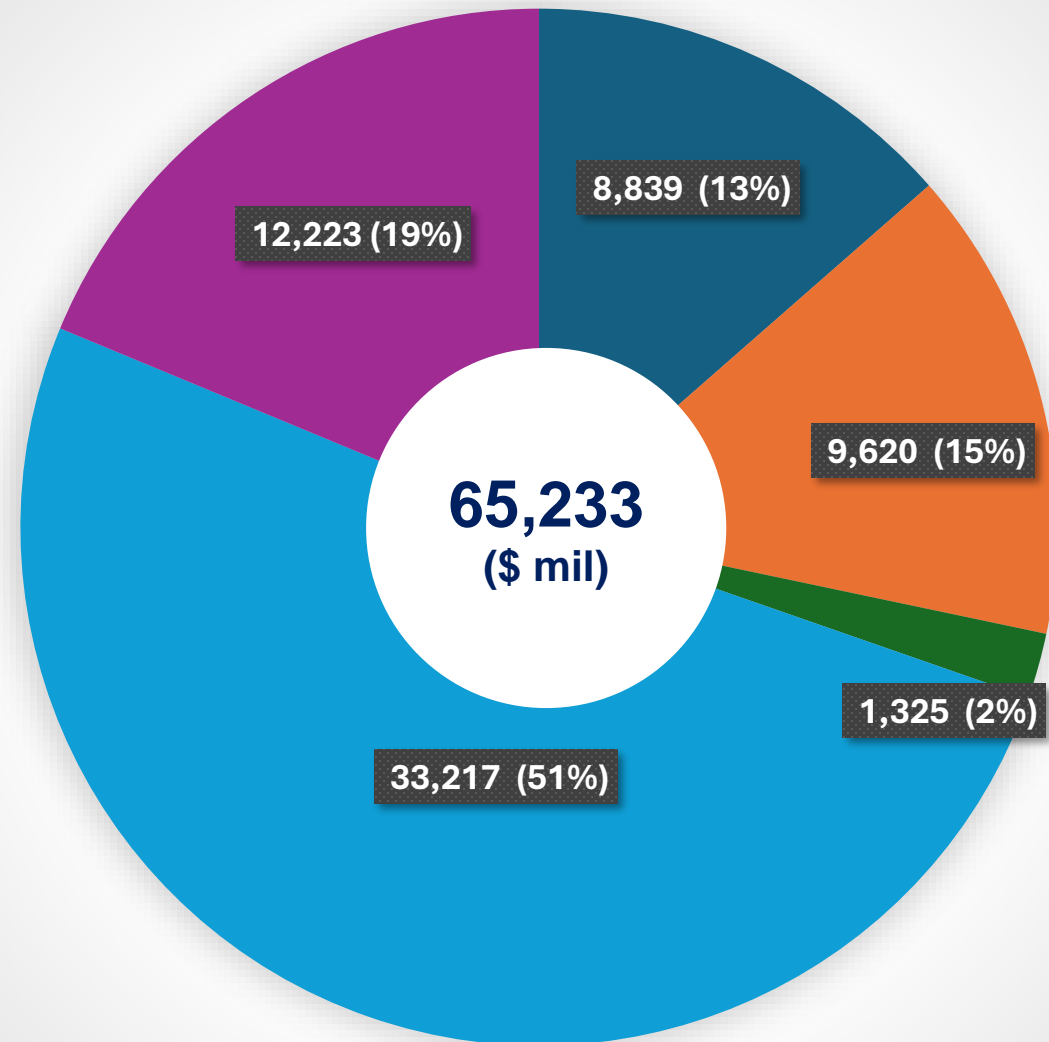


# Value in Billion USD vs. Number of projects using e-GP, 2015-2024





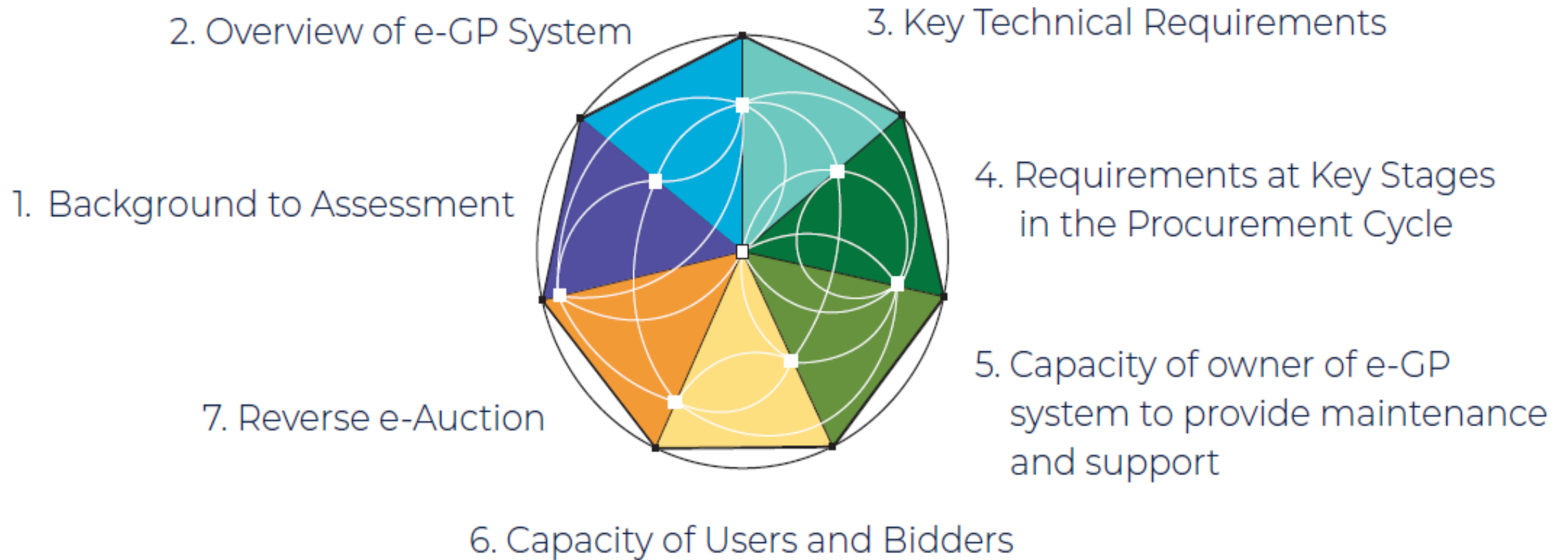
Value in Million USD of e-GP use per region, 2015-2024



■ Central West Asia ■ East Asia ■ Pacific Islands ■ South Asia ■ Southeast Asia



**Assessment of eGP  
System for use in ADB  
funded project – for  
compliance with MDB requirements**



Full e-GP  
assessment  
parameters

*Source: MDB Guidelines on e-GP Assessment, 2023*

# ADB's e-GP assessment process

Step 9: PS shares the accomplished Feedback Form with CPT/e-GP teams for records, lessons and further actions

Step 8: PS coordinates with EA for training before use of eGP, and obtaining feedback within 6 months or after first e-tender is completed

Step 7: CPT/OneADB team informs DMC/EA of ADB decision. PS reflects the assessment result into project SPP and related documents/PAM/PP

Step 6: Procurement Director with e-GP team concurrence approves (or disapproves) use of e-GP, based on the findings and recommendations

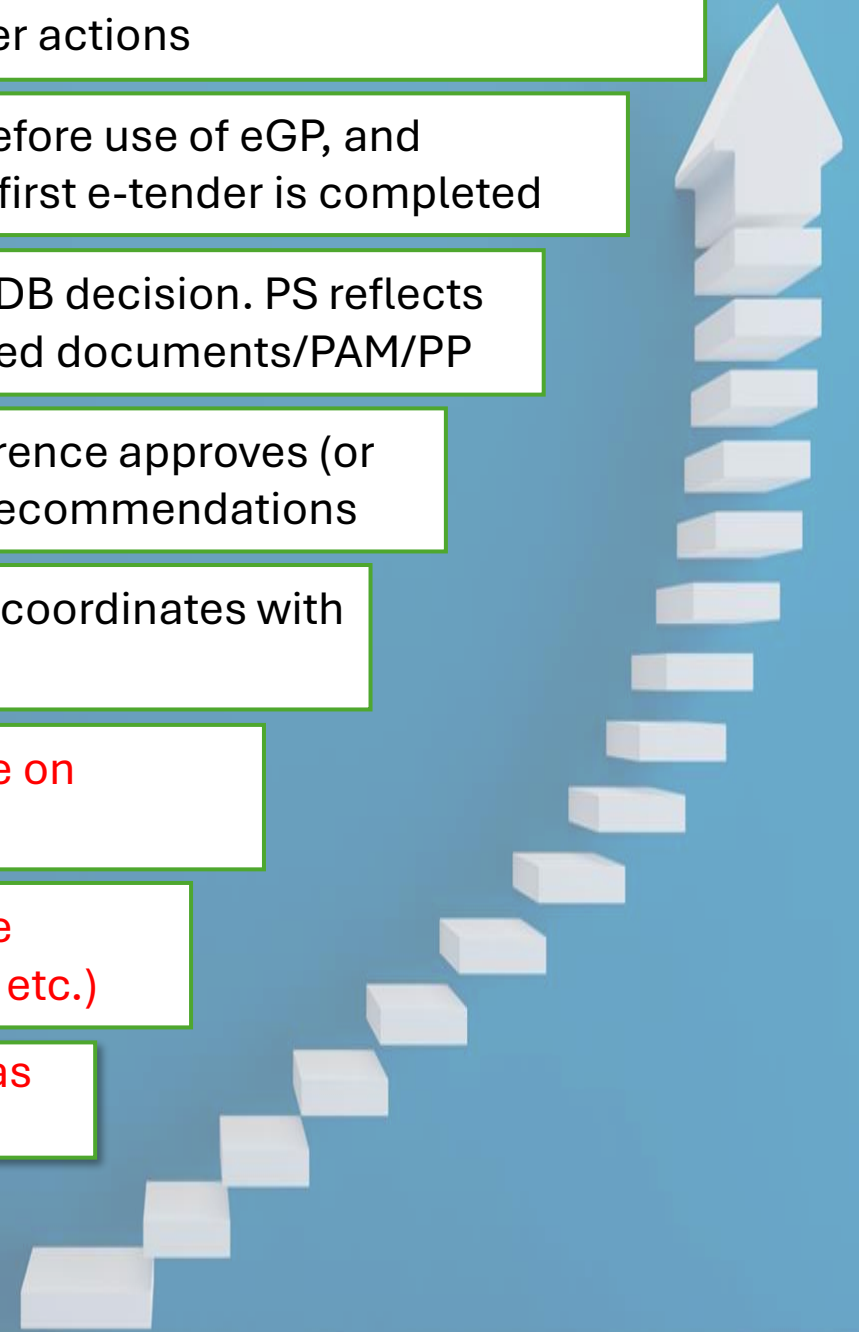
Step 5: PS/e-GP consultant conducts the assessment. PS coordinates with EA/other parties and prepares approval memo

Step 4: e-GP team provides technical support including advice on available resources if required

Step 3: e-GP team reviews information and type of assessment to be conducted (full vs. light based on pre-existing assessment/approval etc.)

Step 2: CPT/PS validates accomplished questionnaire, provides inputs as required and forwards to PPFD e-GP team

Step 1: DMC/EA requests for e-GP assessment & accomplishes the pre-assessment questionnaire through OneADB team/assigned Procurement Staff (PS)/Country Procurement Team (CPT).



# ADB's e-GP Assessment Types

Desk review of existing procurement assessments and due diligence reports on country/agency procurement risks and current practices including eGP specific reports and data, and

Discussions on EA's pre-assessment information and desk review finding, validation meetings with procurement authority, eGP system owner, EA/IA, field/HQ staff, Development Partners, and other stakeholders

Thorough technical review of the system against requirements of 2023 MDB Guidelines ( and MAPS eGP module in the future )

**'Light' Assessment** is part of Project Procurement Due Diligence handled by assigned PS  
or  
part of country procurement diagnostics and dialogue handled by CPT

**'Full' Assessment** involves e-GP expert/consultant support

## 1. System Access

<https://muasamcong.mpi.gov.vn/>

- A fully internet-based system - publicly accessible through all popular web browsers.
- interoperable with external government services and support systems;
- Integrated with government and other commercial system, e.g. Business registration, bank, etc.

## 2. Advertising

- Bid notices and advertisements are publicly disclosed.

## 3. BD Distribution

- Bidding Documents are publicly downloadable by walkthrough guess.

## 4. Correspondence, Amendment, and Clarifications

- Clarifications, amendments, pre-bid minutes are posted with the associated Bidding Documents for (public) download;
- Alert messages are sent through email.
- An audit trail is kept for all actions on the system.

## 5. Bid Submission

- PKI-based encryption techniques, ensuring bidders' bids confidentiality.
- Bidders can withdraw or modify bids before the bid submission deadline.
- Supports multi-currency for quoting at the item level.

## 6. Bid Security

- Offline issued Bid security, scanned and uploaded with bids;
- E-Guarantee modules

## 11. Payments

- The e-GP System offer an electronic payment facility, such as bank transfer or payment gateway.

## 10. Authentication

- all records and documents encrypted using digital certificates and PKI-based digital signature key pairs.
- Communication between the client and the server is secured through a Secured Socket Layer (SSL) protocol. Two-factor authentication verifies the identity by using an SMS.

## 9. Information Security Management

- Security tier 3 & disaster recovery data center in Hoa Lac
- ISO and CMM level III certified;
- robust encryption protocols for data and file encryption along with the role and rule-based security for authentication and authorization

## 8. Bid evaluation & Contract award

- The bid evaluation is carried out outside the system.
- Bid evaluation result is published in the system.
- E-contract module developed.

## 7. Public Bid Opening

- Online opening by procuring entity/authorized opener.
- Bid opening minutes immediately generated and public at the portal.

# VIET NAM E-GP COMPLIANCE ASSESSMENTS

Thank you!

