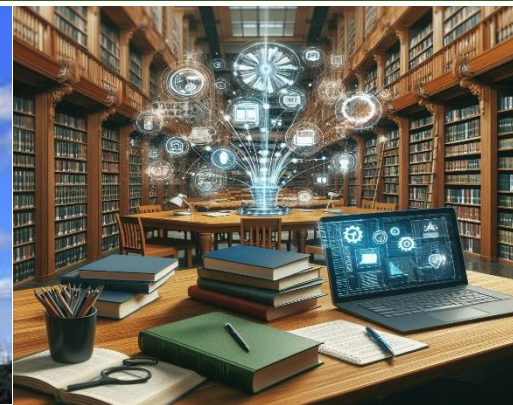




KONEPS

e-Procurement platform in KOREA



2024. 8. 28

KIP

한국조달연구원

KOREA INSTITUTE OF PROCUREMENT



※ 유의사항 ※

본 강의안은 『공공누리 제4유형』을 적용함에 따라
상업적 목적으로 이용하거나 2차적 저작물 작성 등 변형하여
이용하는 것을 금지하고 있습니다.

※ Cautions ※

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<Careers>

(2022.01.~2022.11) Reform and revision of laws and systems related to public procurement

(2017.02~2021.12) Management of public procurement contract operations

- Information Technology and Service Contract
- Suppliers and customer support and management
- General Manager of Contract Management at Local Government Offices

(1994.02-2017.02) Building and operating the KONEPS



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II. KONEPS Overview

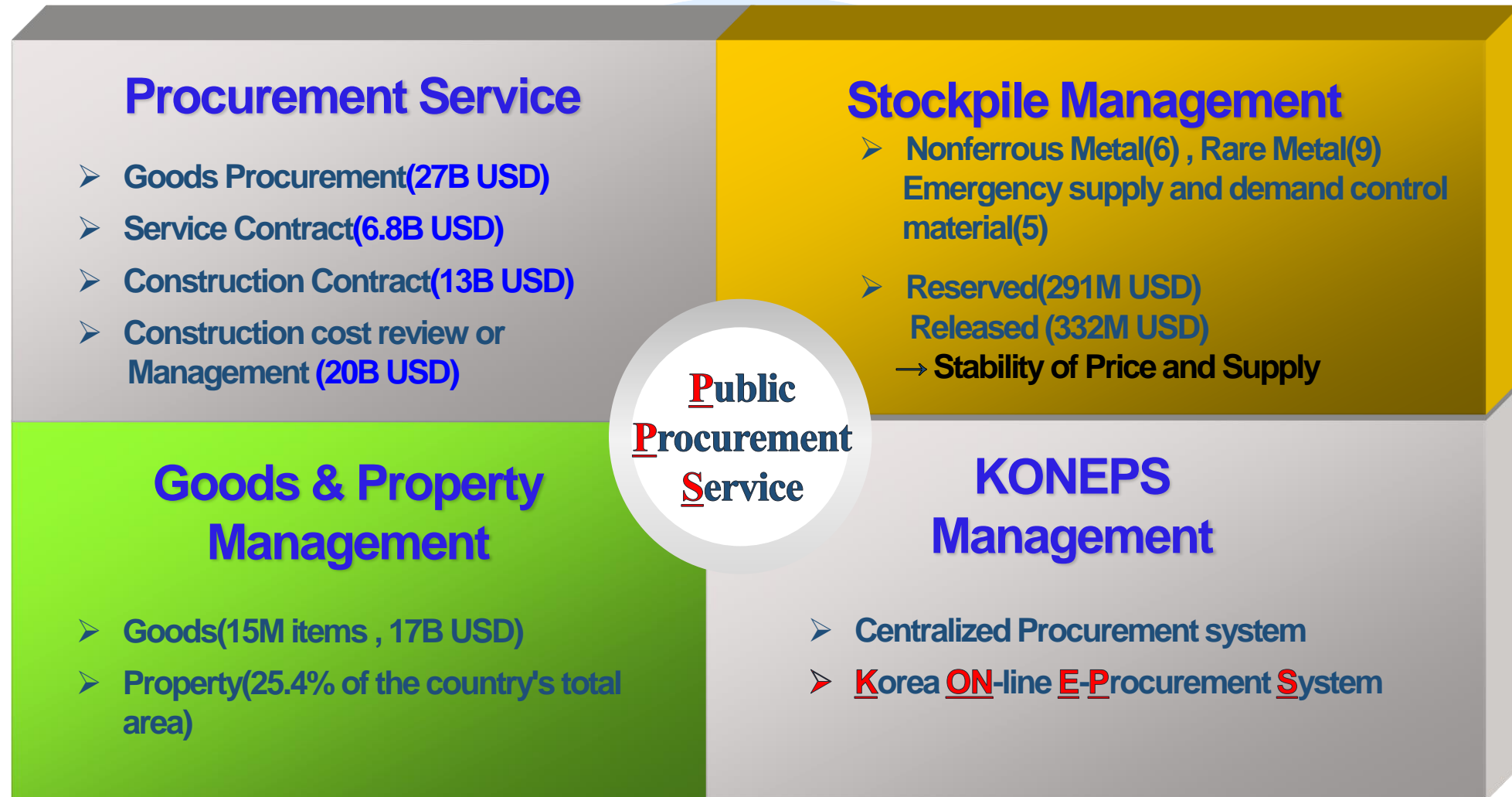
III. KONEPS Effect

IV. KONEPS Services



I . Public Procurement in Korea

The Role of the PPS(Public Procurement Service)



2. Korea's Public Procurement Model

Centralized & Decentralized Procurement

- **Central government entities are required to use PPS services for procurement above the threshold value**

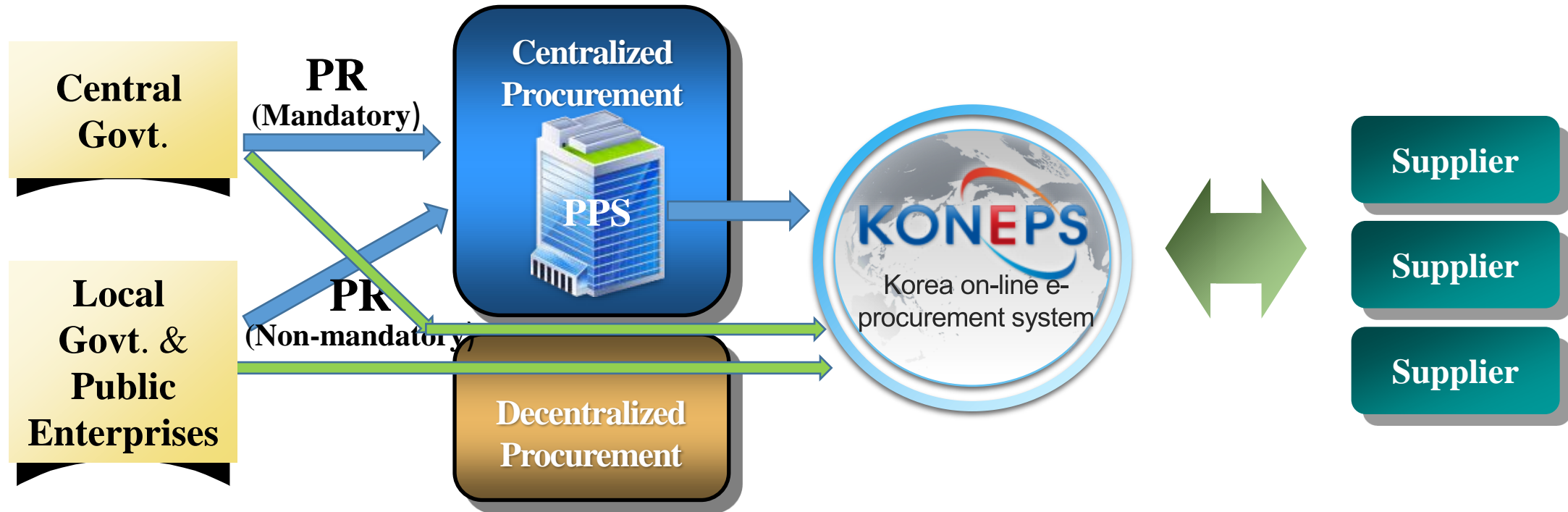
Goods & Services	above 77,000 USD (100,000,000 KRW)
Construction Works	above \$2,310,000 USD (3,000,000,000 KRW)

- **Local govt. entities and public enterprises may procure either autonomously or use PPS services**
- **All public entities should purchase from PPS's Public shopping malls*** whenever applicable

✓ Of PPS's procurement, **55.1%** was upon mandatory procurement request and **44.9%** was upon non-mandatory procurement request

* **Public shopping malls** : unit-price framework contracts for commercial products established by PPS.
All public entities may place orders against MAS contracts.

3. Public Procurement system in Korea



✓ Other Procurement system in Korea(24)

- Central government: Defense Acquisition Program Administration
- Public enterprise(24): Korea Railroad corp. Korea Electronic Power Corporation etc.)
- bidding system for special part(3): S2B, e-aT, k-apt

Laws on electronic documents and signatures

- ❖ Framework Act On Electronic Documents And Transactions
- ❖ Digital Signature Act
- ❖ Electronic Government Act

Laws on public procurement

- ❖ Act On Contracts To Which The State Is A Party (for central Gov.)
- ❖ Act On Contracts To Which A Local Government Is A Party (for Local Gov.)
- ❖ Government Procurement Act (for PPS)

Law on e-Procurement

- ❖ Electronic Procurement Utilization And Promotion Act(2013. 3. 22)
 - Enforcement Decree, Enforcement Rule(2013. 9. 17)

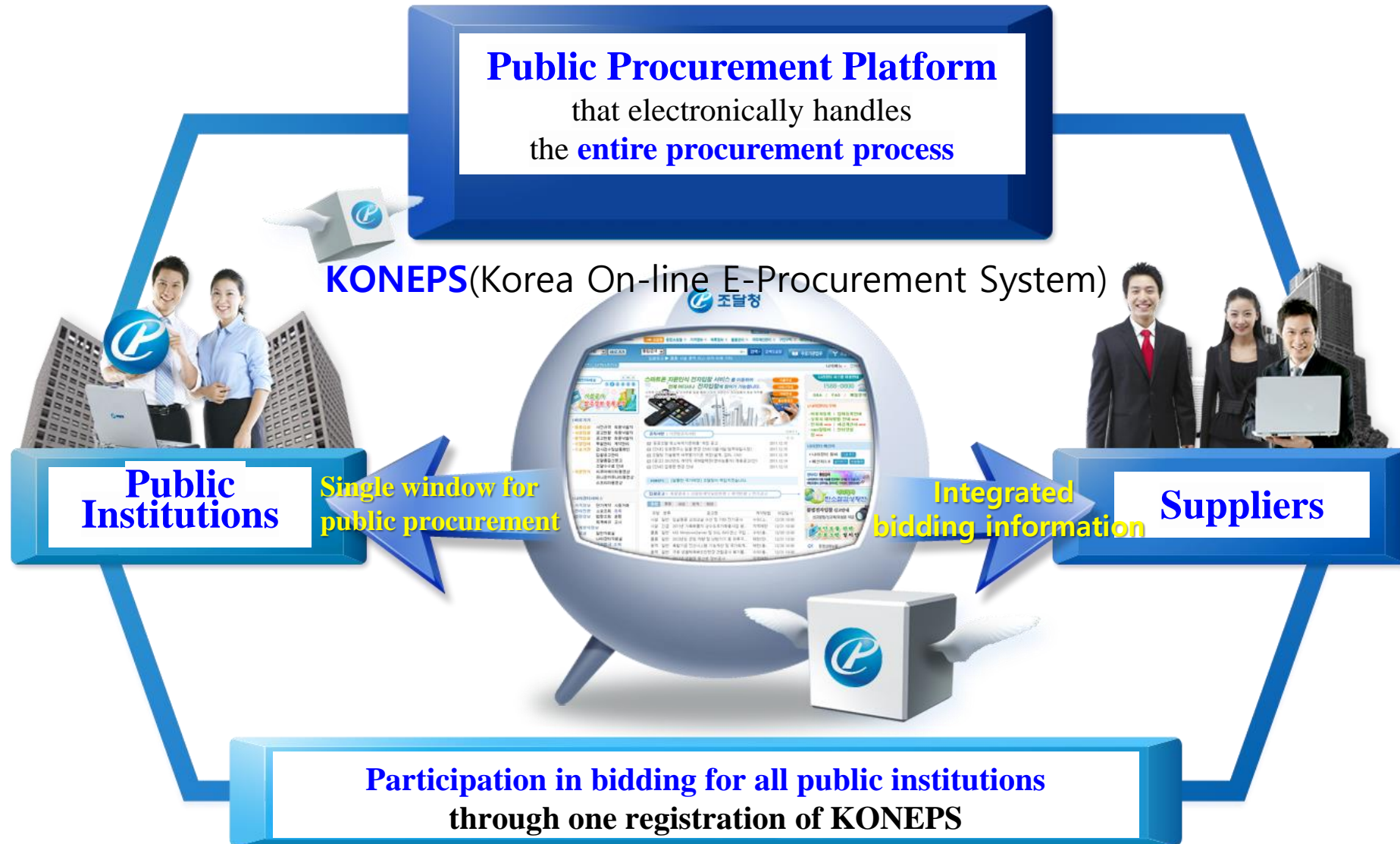


- ❖ 18 types **Rules of contract** (including Government Bidding and Contract Execution Standards)
- ❖ 9 types **Rules of e-Procurement** (including Special Notice for Electronic Bidding)



II. KONEPS Overview

1. Concept of KONEPS



Beginning of e-procurement

1997~2001



**Centralized e-Procurement system
(e-Procurement EDI)**

KONEPS development

2001~2002



One of the 11 key projects for e-government

- Establishment of Basic Plan for G2B Activation(2001)
- Full Grown Promotion of G2B Project(2002)

Launch the KONEPS

2002.10

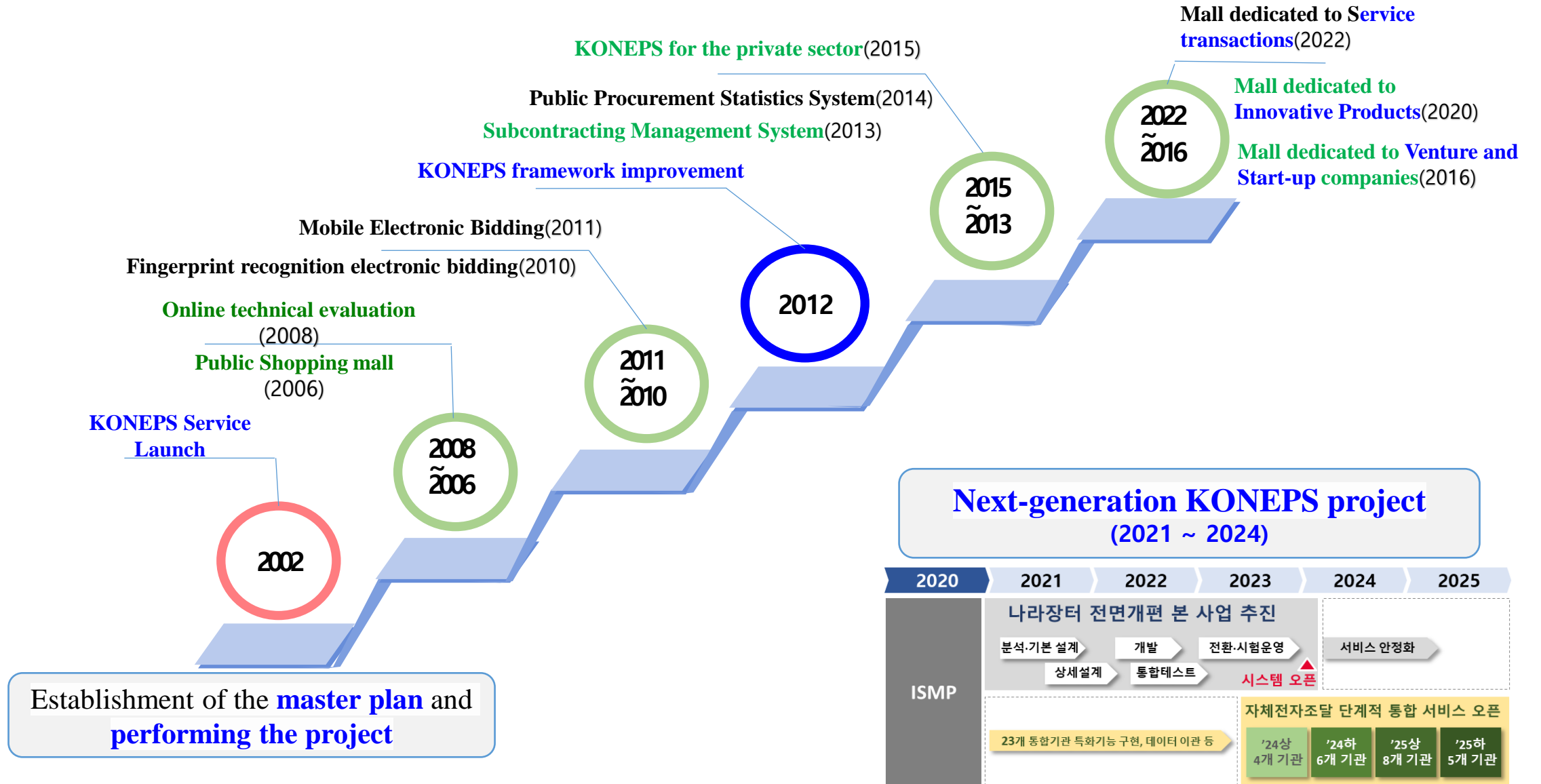


Single window of e-procurement for public entities

11 key projects for e-government

- **Innovation in Services**
 - **Government-wide e-Procurement System**
 - **Single Window for Civil Services**
 - **Integrated Social Security Information System**
 - **Internet-based National Taxation System**
- **Administrative Productivity**
 - **National Finance System**
 - **Integrated Administration System for Local Governments**
 - **Nation-wide Educational Administration System**
 - **Standardised Human Resources Management System**
 - **Consolidation of e-Document Exchange and e-Reporting**
- **Infrastructure**
 - **E-Authentication and e-Signature System**
 - **Government-wide Information Technology Governance Environment**

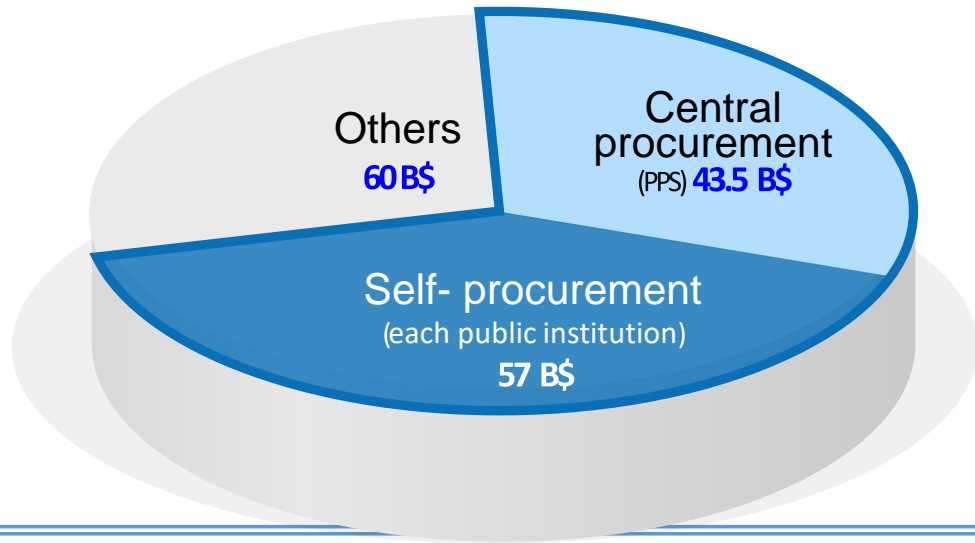
3. Continuous improvement in KONEPS



4. Scale of public procurement using KONEPS in Korea

Korea's annual public procurement transaction results **160 billion dollars**

* As of December 2023



Of the total public procurement transactions (160 billion dollars), the size of the KONEPS is around **(100 billion dollars)**

handwritten contract : 9.3billion \$ (5.8%)

<p>User Size</p>	<p>Buyer : 69,106 Supplier : 572,118</p>
<p>Size of bid use</p>	<p>Electronic Tender Notice : 493,593 Bid participants : 46,560,000 Electronic bidding execution : 313,009 Electronic contract : 1,268,878</p>
<p>System linkage status</p>	<p>linked to 227 institutions and businesses 38 in '02 → 141 in '13 → 227 in '22</p>

5. KONESP Users



End-user institutions

classification	Central Gov.	Local agency		Public Corporation				Non-classified agency	Total
		Local Gov.	educational facilities	Public corporation	Quasi-Gov. institution	Non-classified public institution	local public corporation		
num.	5,554	7,115	12,666	1,071	1,444	545	275	40,436	69,106
Rate	8.04%	10.30%	18.33%	1.55%	2.09%	0.79%	0.40%	58.51%	



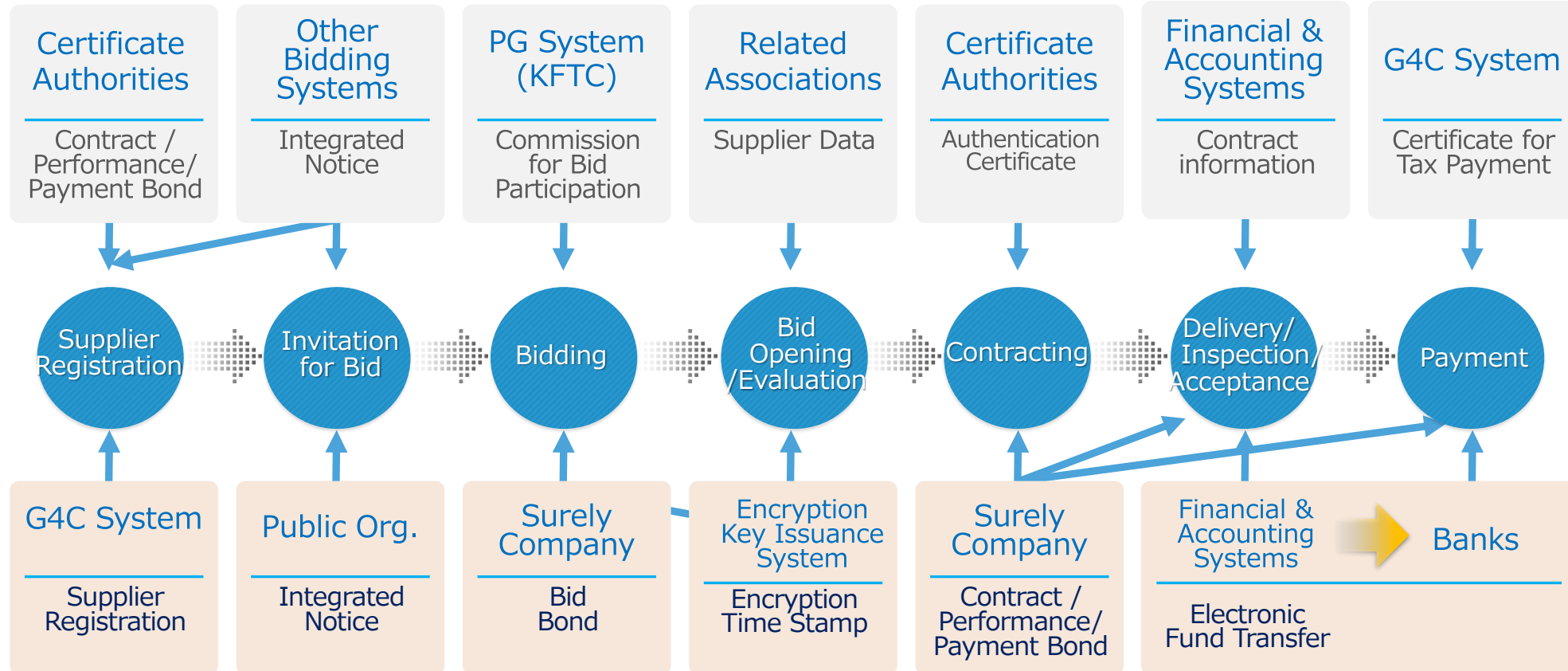
Suppliers

98.98%

classification	Large enterprise	Middle-standing Enterprise	Small-medium Enterprise	Non-profit Organization	Total
num.	1,240	4,021	553,576	13,281	572,118
Rate	0.22%	0.70%	96.76%	2.32%	

6. Interoperated with external system

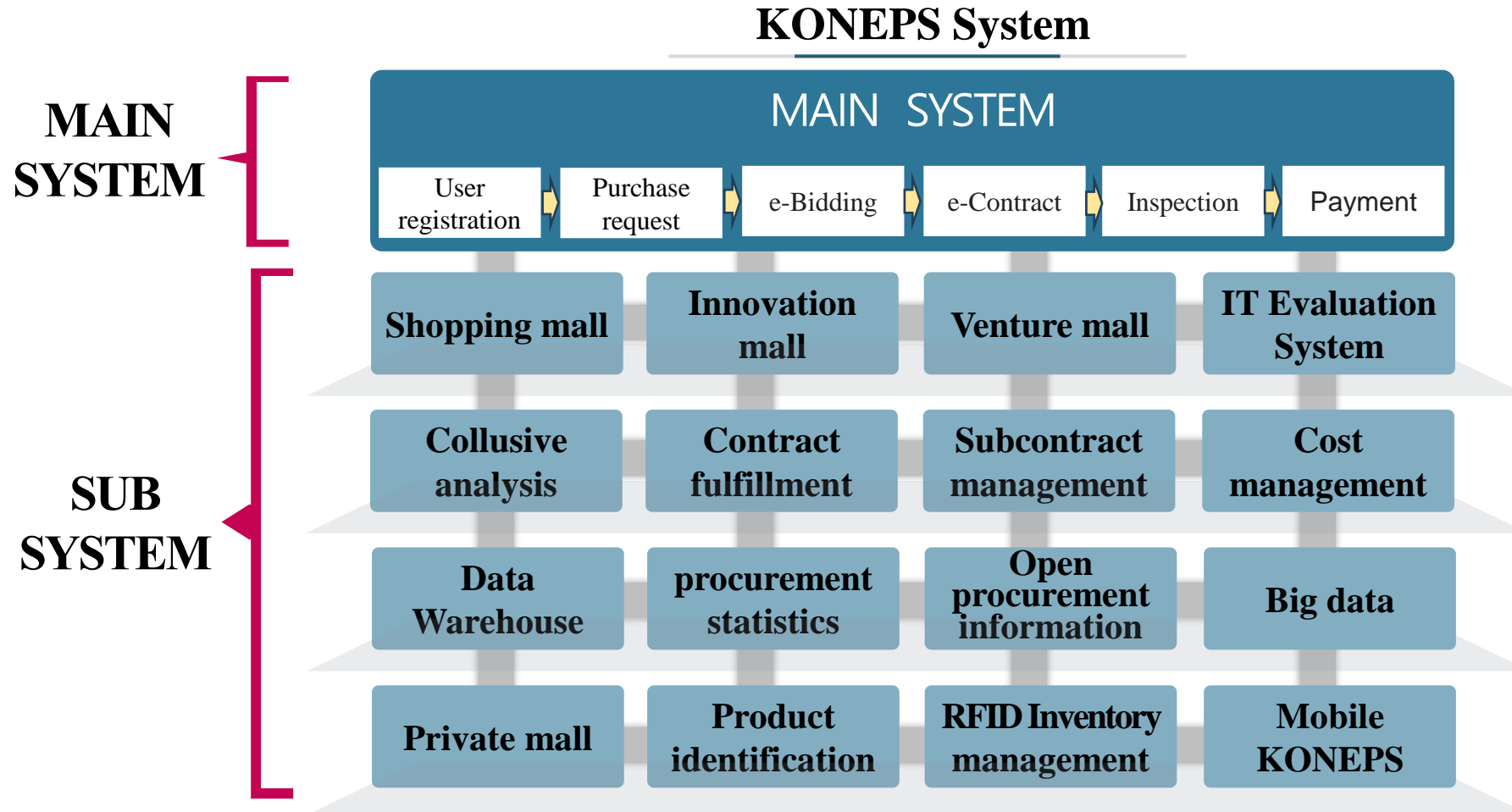
Main Process of KONEPS



- **All processes are digitalized** from supplier registration to payment
- **One-stop service** is provided by using the linkage with **227 external systems**

7. KONEPS Main system & Subsidiary system

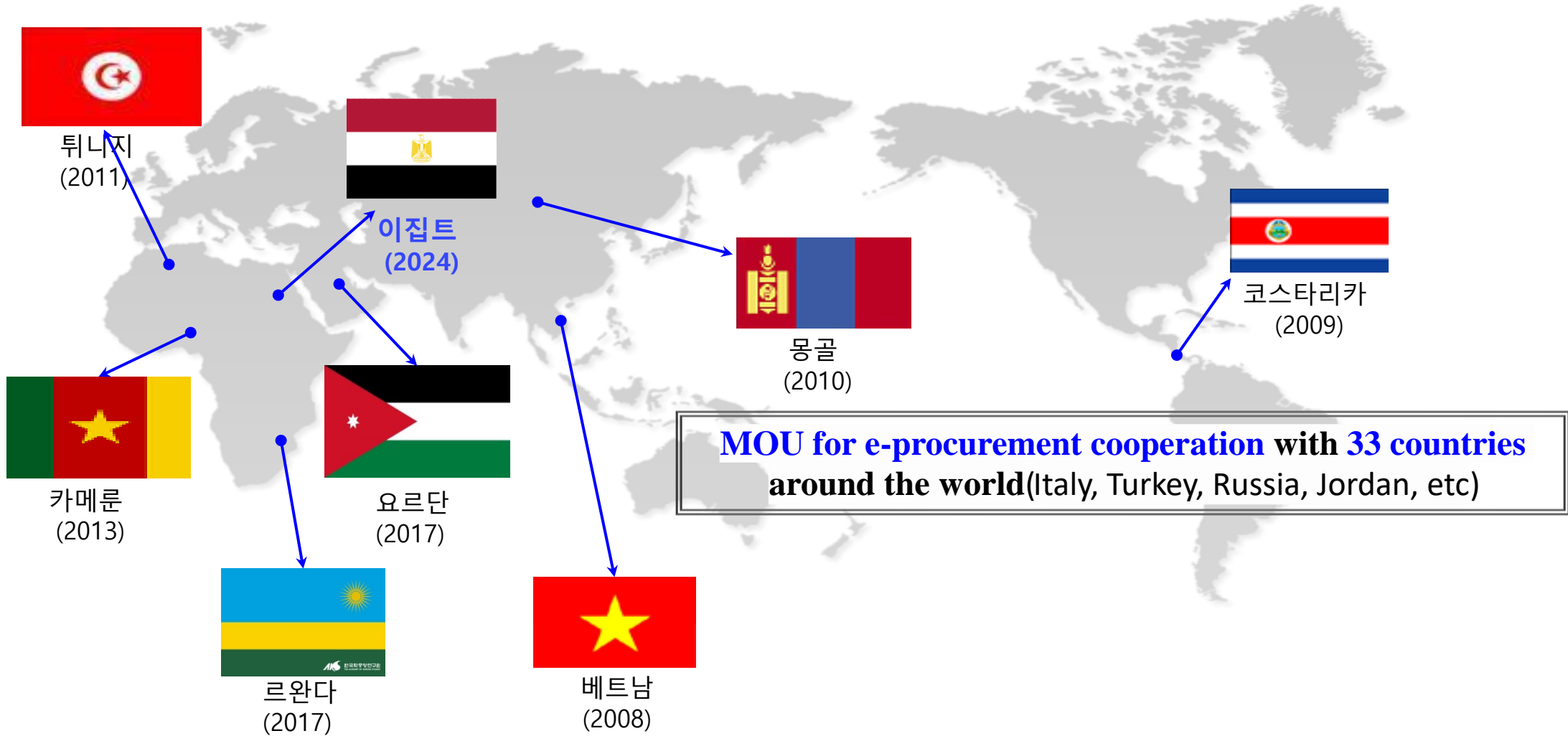
KONEPS connects the **main system** and **29 sub systems** in a complex and organic way



Main Services of KONEPS



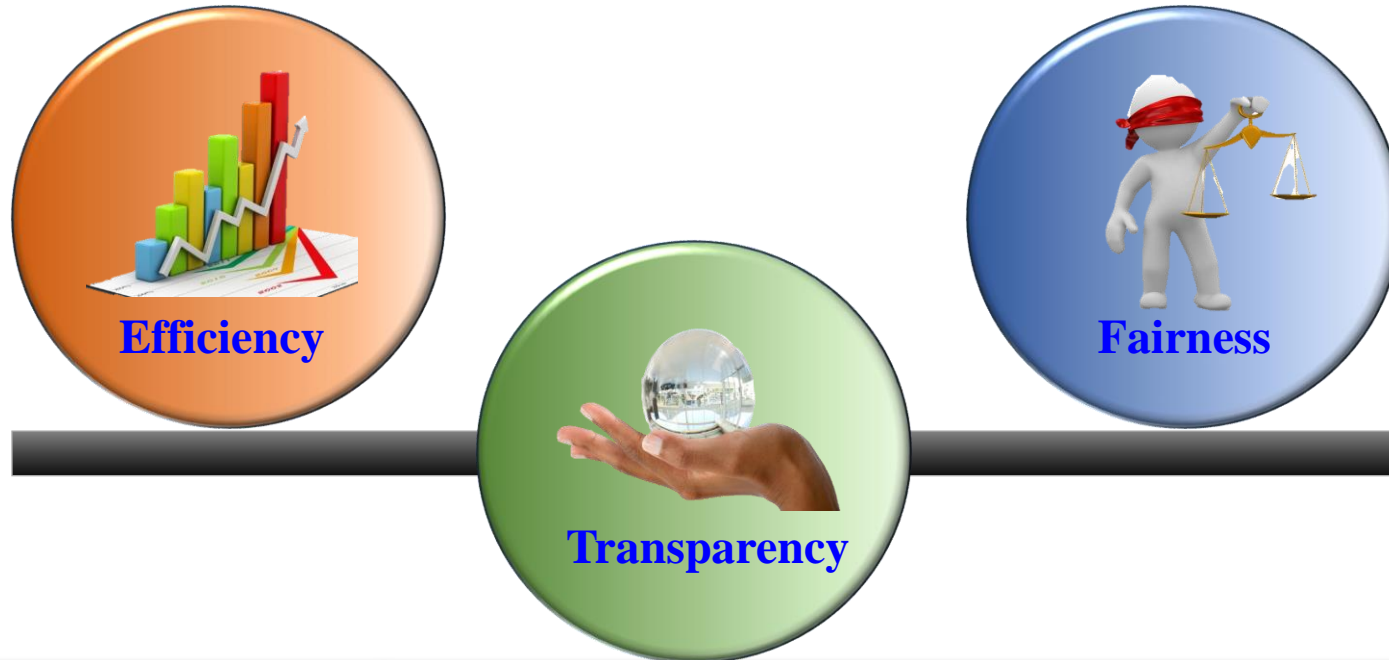
8. KONEPS in the world





III. KONEPS Effect

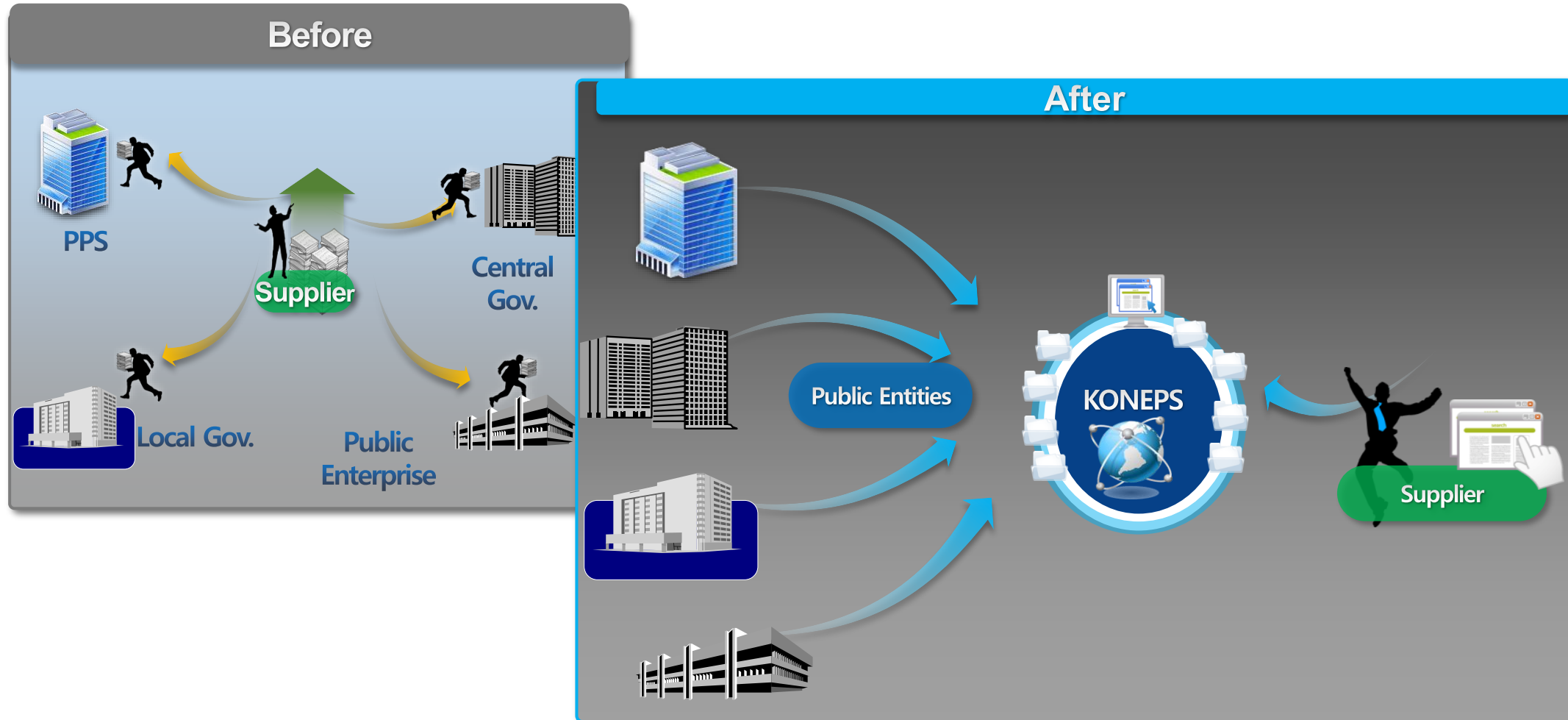
Balance between **Efficiency and Fairness**



Private sector	Focus on Results over Process
Public sector	Focus on Process over Results

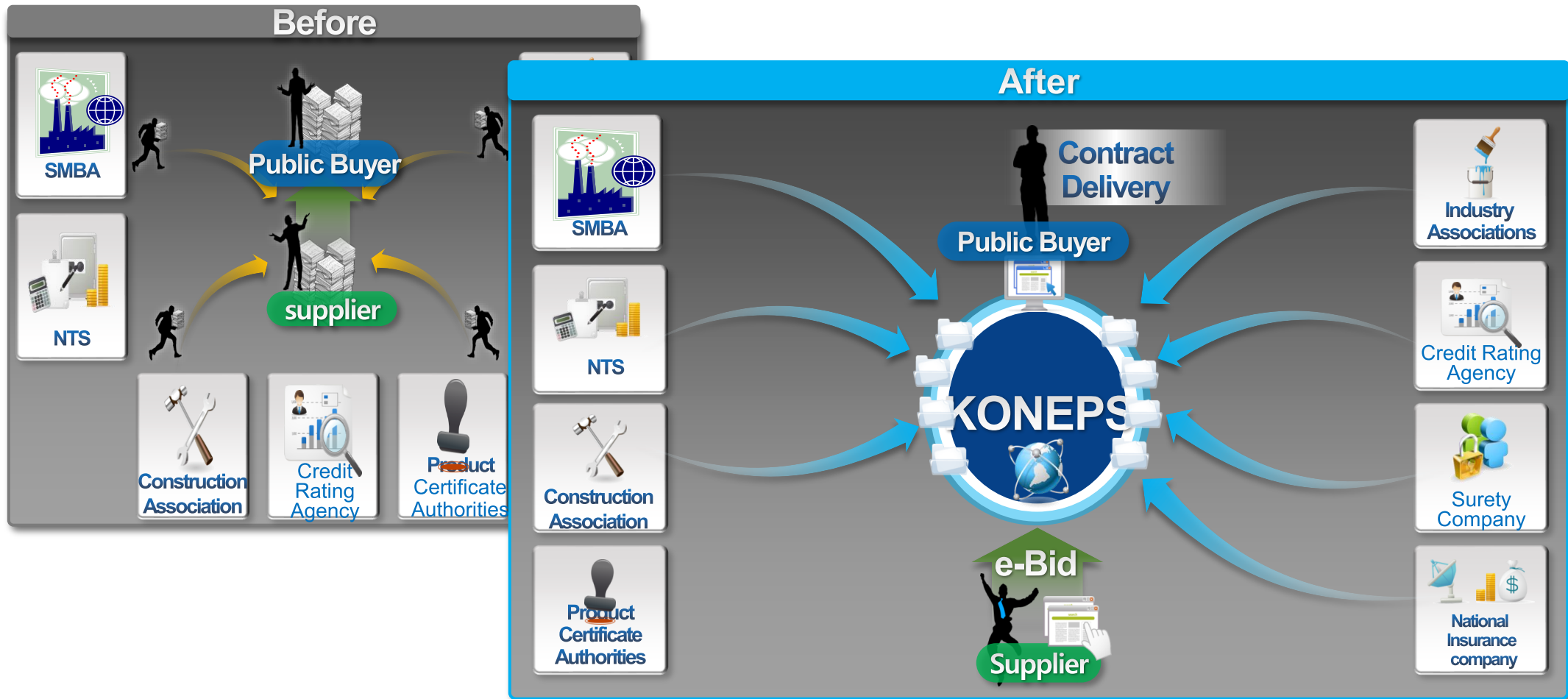
2. Increase Efficiency with KONEPS

1. Single window for public procurement



2. Increase Efficiency with KONEPS

2. One-Stop Service by information sharing



2. Increase Efficiency with KONEPS

3. Transaction Cost Savings

- KONEPS is saving **transaction costs** of **USD 8 billion** annually

- ✓ Private Sector : **USD 6.6 billion**

- ✓ Public Sector : **USD 1.4 billion**

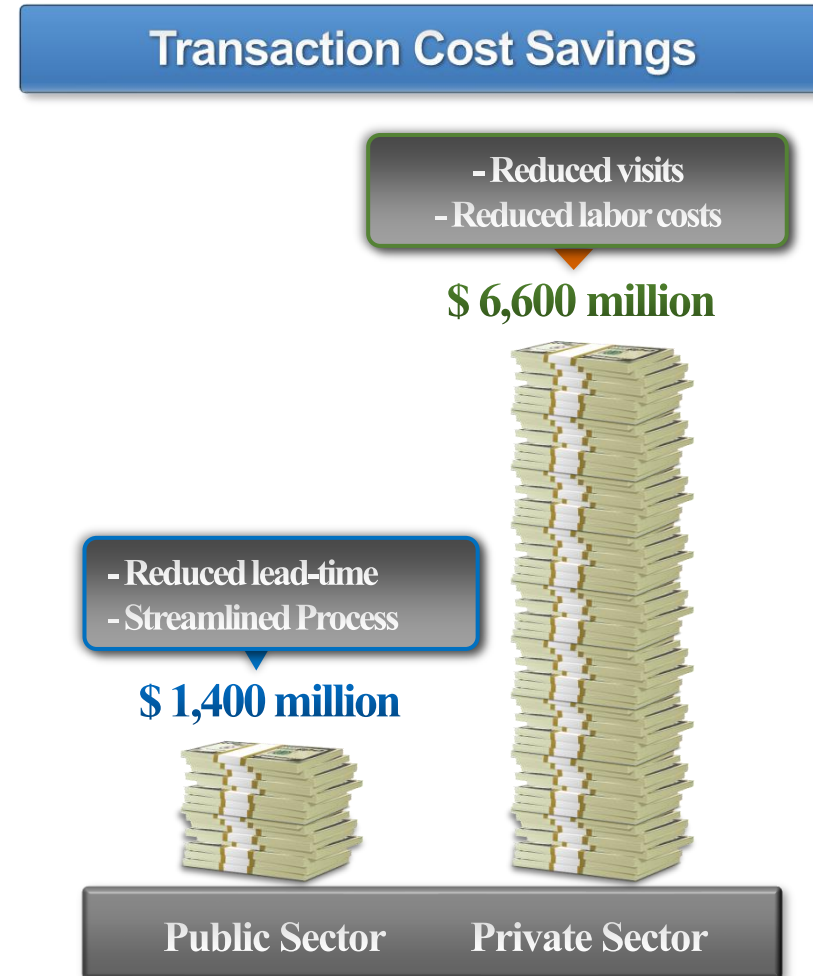
(Hanyang University, 2008)

- Increased efficiency

- ✓ Receiving bids, validating related docs. and selecting the winning bid

Before	over 30 hrs
After	less than 2 hrs

- ✓ Reduction of 7.8 million pages of paper documents per year

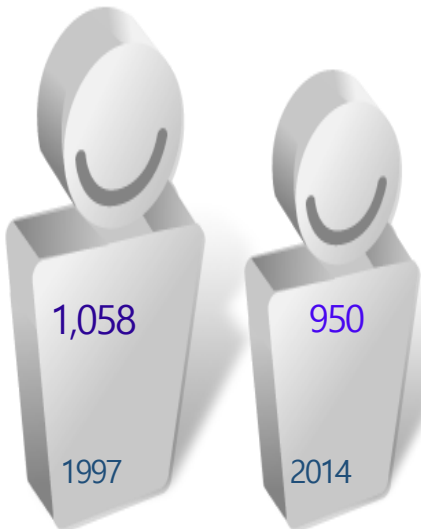


2. Increase Efficiency with KONEPS

4. Increase the productivity

❖ Compare to Number of contracts and orders between before and after introduction of e-Procurement

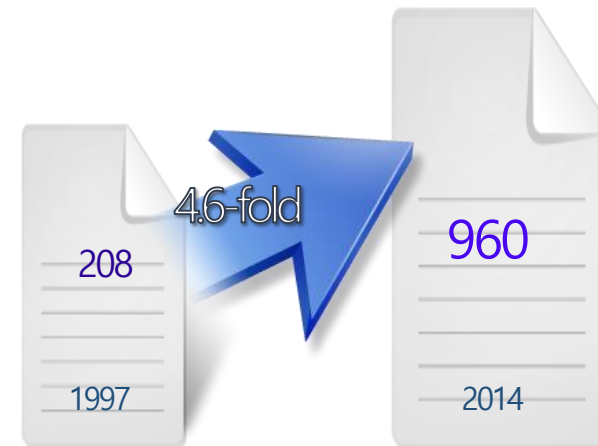
Total Num. of Employees



Total Num. of Contracts and Orders



Num. of Contracts per Employee



3. Fair and Transparent procurement procedure

1. KONEPS Mandatory Use Regulations

❖ **Public announcement of bidding** : Should be publicly announced **using KONEPS**

※ Parallel if necessary : Daily newspapers (central GOV.) or homepages (local GOV.)

❖ **Submission of bid** : Must apply **using KONEPS**

※ In exceptional cases : direct bidding, postal mail bidding is possible: international bidding etc



❖ **Purchase through quotation** : Should be done **by way of competition using KONEPS**

❖ **Submission of technical proposals** : In principle, submission is made **using KONEPS**

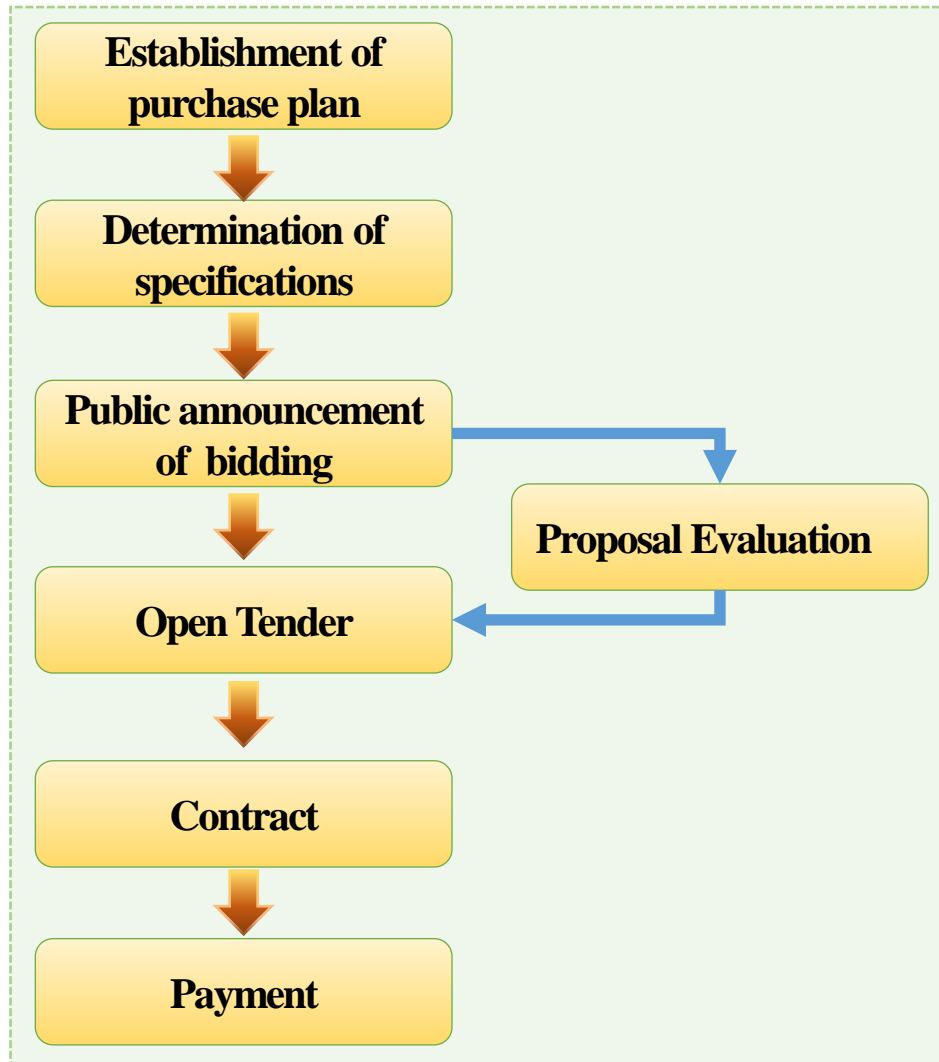
※ In exceptional cases, submissions may be made by e-mail or postal mail

❖ Central governments and local governments **cannot separately bid** for goods or services **contracted by the PPS at a unit price.**

※ Number of businesses : 12,800 Number of Items : 881,650, Amount supplied 23 Billion \$

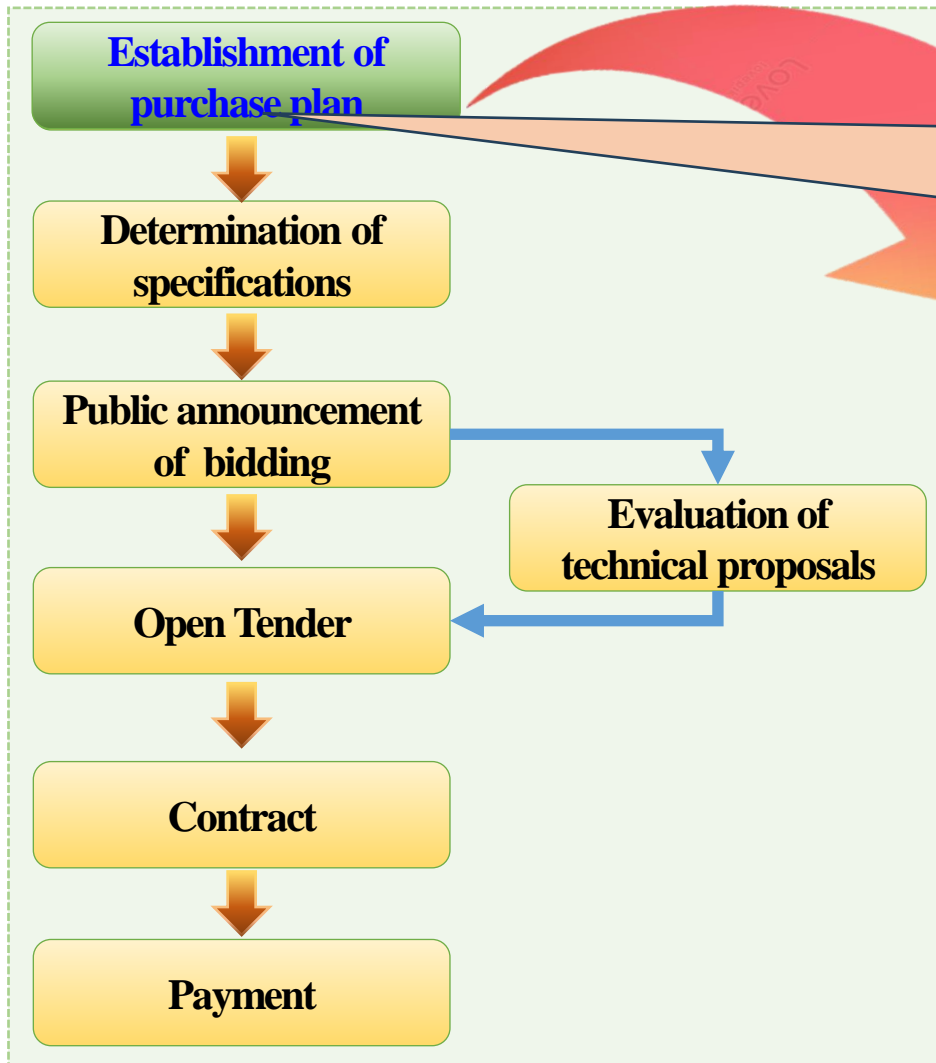
3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement



3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement



- Providing purchase plans only to certain companies
- Create a purchase plan focusing on the specifications of a specific company
- When proceeding with a negotiated contract, it is impossible to confirm whether the negotiated contract is made for appropriate reasons.

❖ Purchase plan must be disclosed to KONEPS

Central GOV. : Quarterly

Local GOV. : When plan is established, without delay

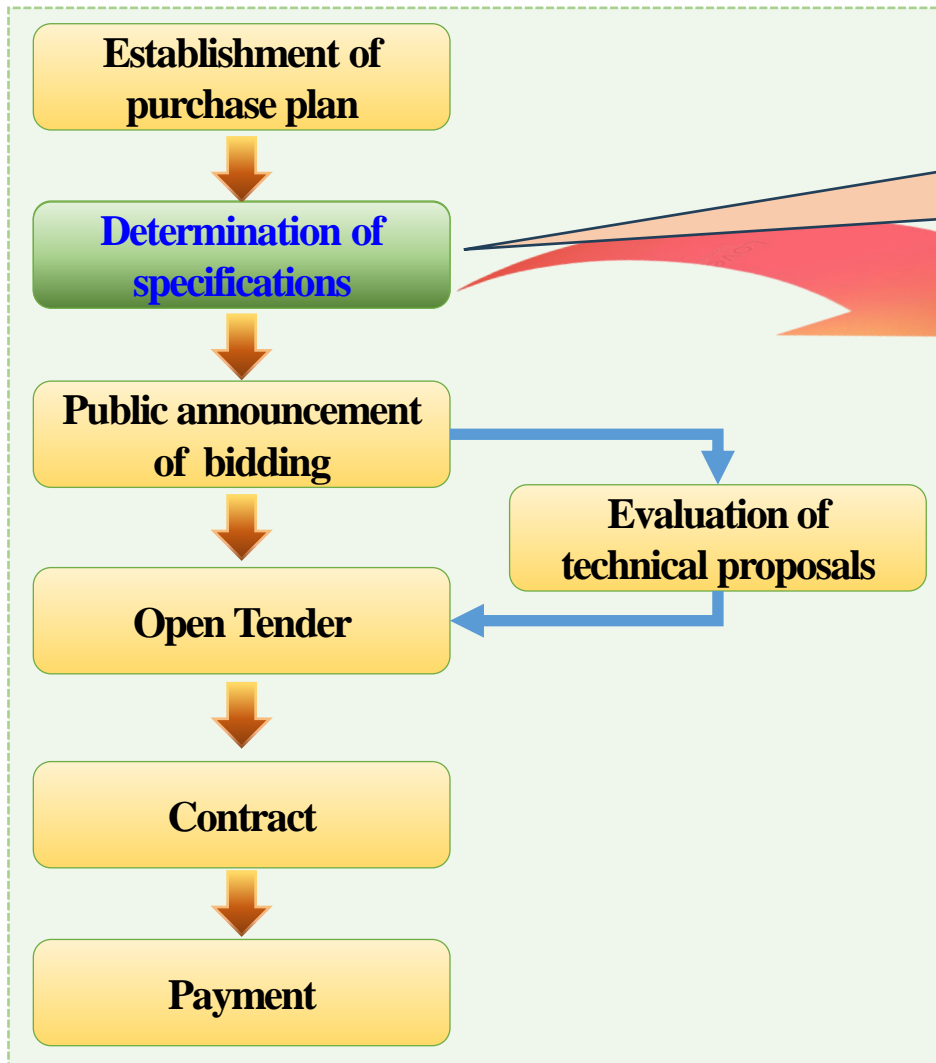
❖ Disclosure Items

Organization to purchase, purchase period, items to be purchased, project amount, bidding method, and contact person information to obtain additional information, etc

❖ Negotiated contracts also require the ordering plan to be disclosed.

3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement



- Contains specifications advantageous to specific companies
- Purchasing specifications include provisions that limit competition
(Inappropriate performance requests, evaluation items, etc.)

❖ Detailed specifications of purchased items are disclosed for a certain period of time prior to bidding announcement.

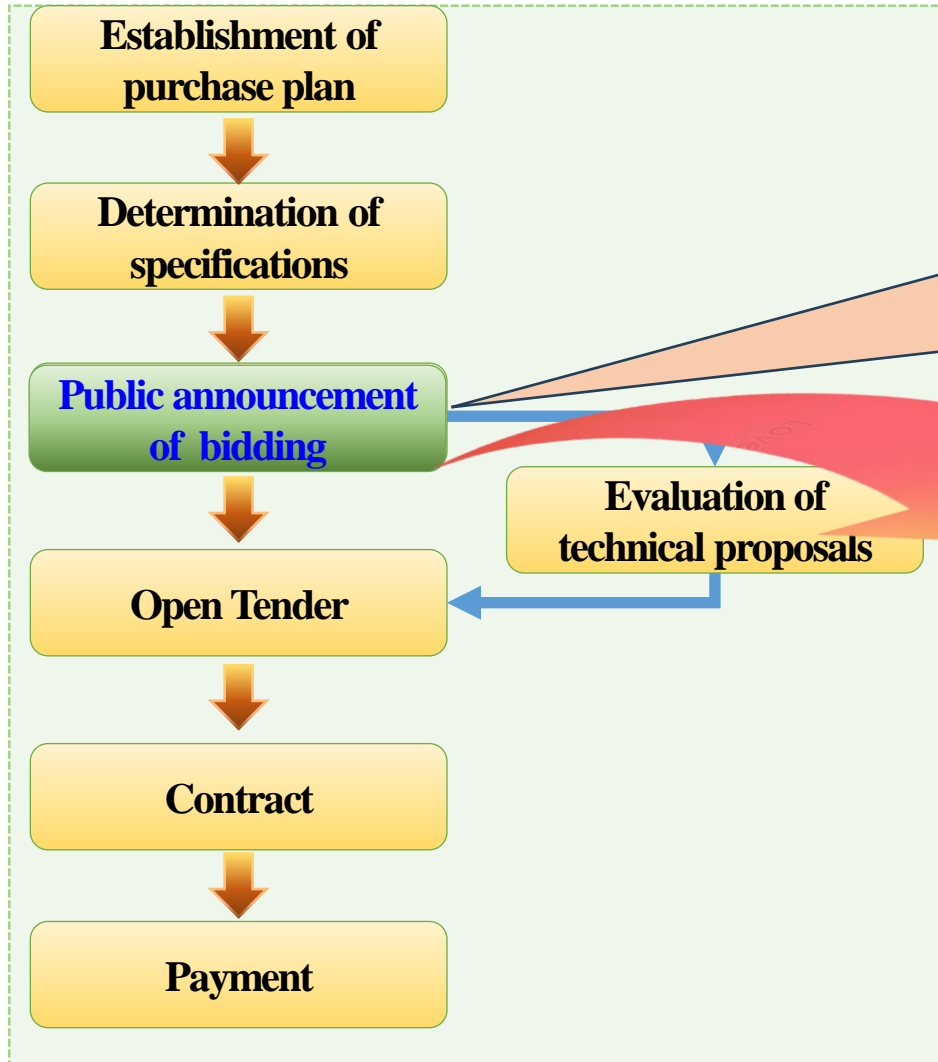
The company participating in the bidding directly check whether contains specific specifications that may limit competition

- Item: **Specification sheet**
- Service: **Task details**

* First implemented by the Public Procurement Service, mandatory by law by the Legislative Investigation Office (2016)

3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement



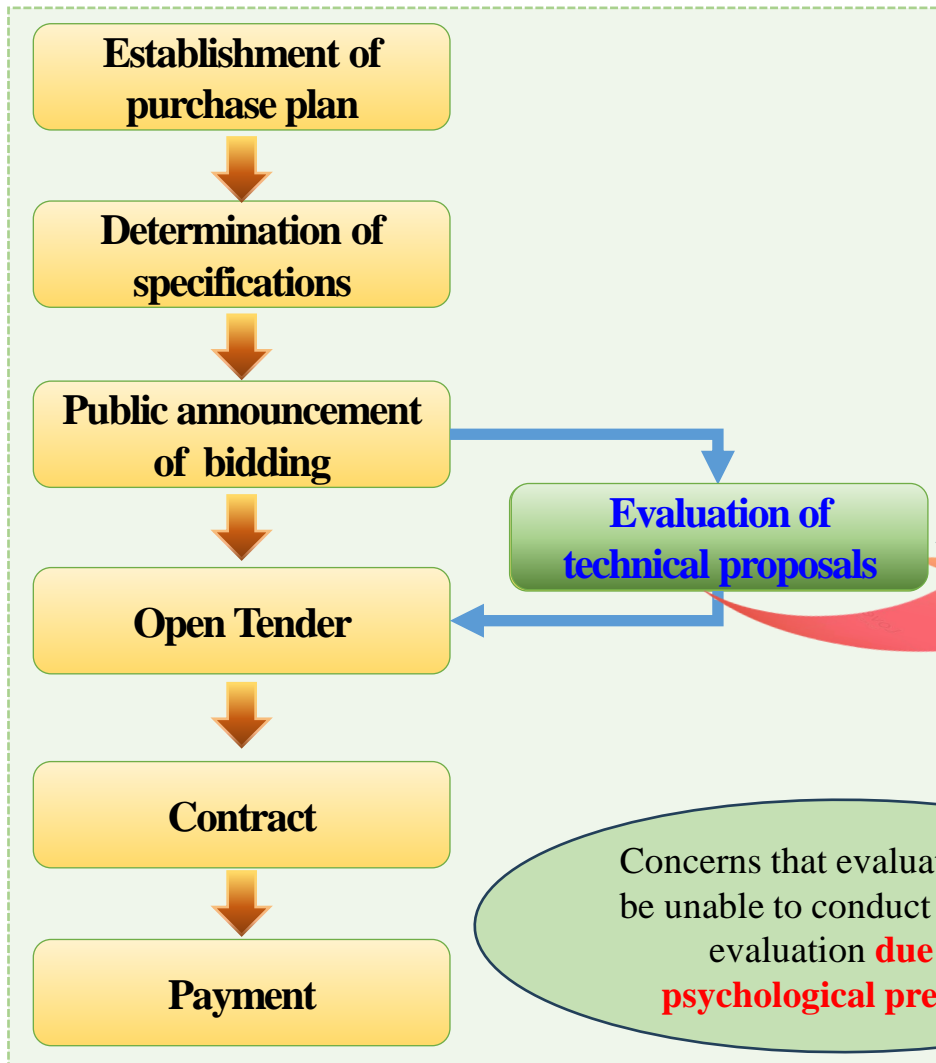
- Bid announcements are made in local newspapers and on bulletin boards that are difficult for companies to access.
- Restrictions on viewing detailed bidding information, causing intentional inconvenience.
- Inequality in the provision of detailed bidding information.

❖ All public institutions (central government, local governments, public enterprises, etc.) **must announce bids through KONEPS.**

- The law requires the inclusion of approximately 20 disclosure items.
- All bidding information that does not specifically require security must be provided in the form of attachments on KONEPS.

3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement



- Creating evaluation items favorable to specific companies
- Selecting evaluation committee members favorable to specific companies
- Informing the list of evaluation committee members to the company, leading to bribery of the evaluators by the company
- Bias towards specific companies by the demand institution during the evaluation process and the influence of influential evaluators (Big Mouths)
- Distortion of evaluation results through discussions

❖ Detailed evaluation results are disclosed on KONEPS immediately after the evaluation is completed.

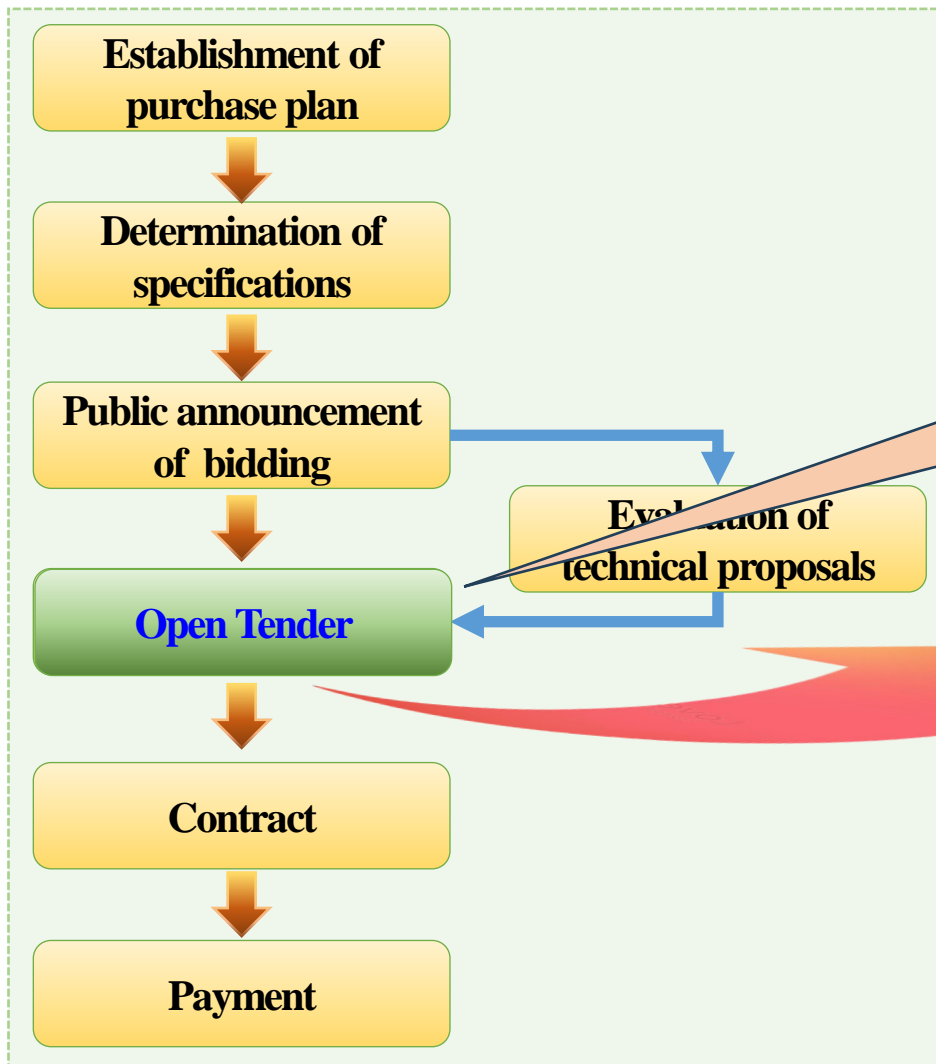
- Detailed evaluation scores for each evaluation item and by each evaluator

※ The names of the evaluators are not disclosed.

Concerns that evaluators may be unable to conduct a proper evaluation **due to psychological pressure**

3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement



- In on-site bid openings, the process is conducted in an environment where the parties can observe it, but in online bid openings, on-site verification is difficult.
=> Suspicions of distortion or alteration of bid opening results.

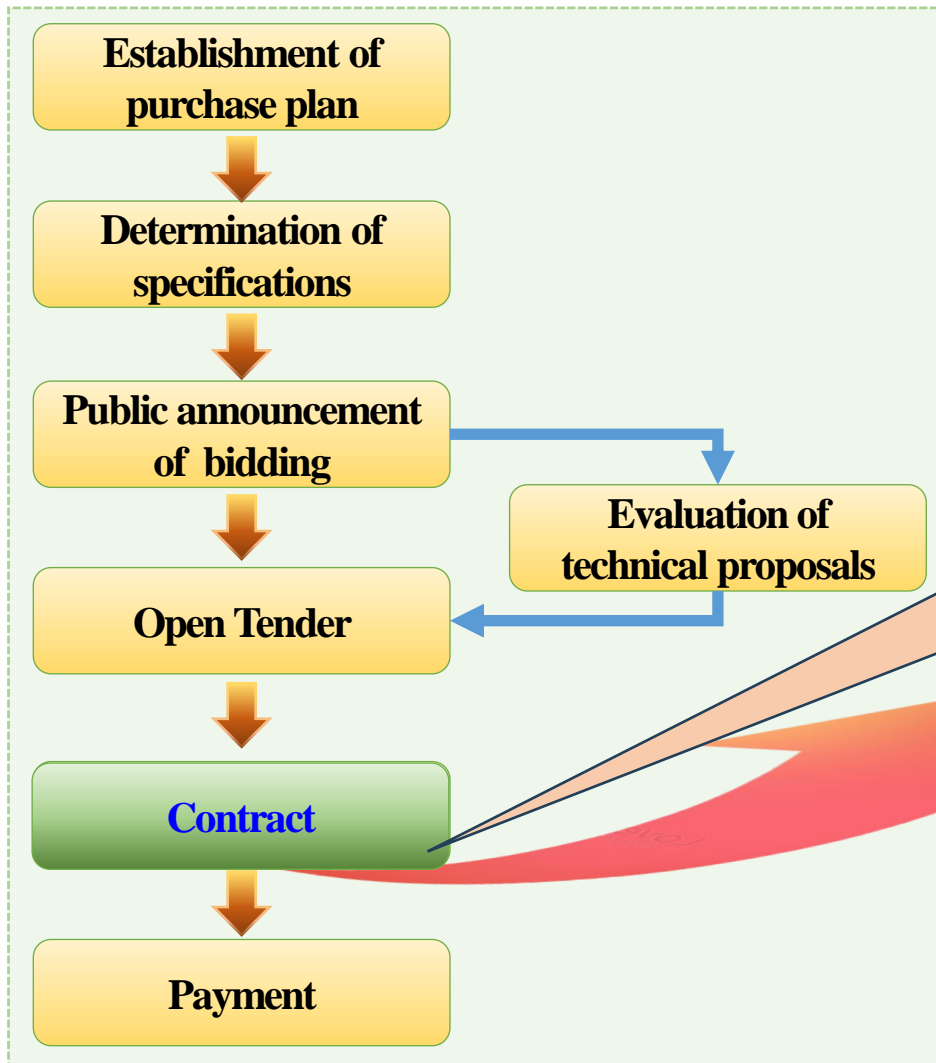
- ❖ **The results are disclosed on KONEPS immediately after the bid opening is completed.**
 - The list of bidding companies, bid amounts, and even the bidding times are disclosed.

Once the bid opening results are published, they **cannot be changed or re-opened** under any circumstances.

※ What if the bid was conducted incorrectly?

3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement

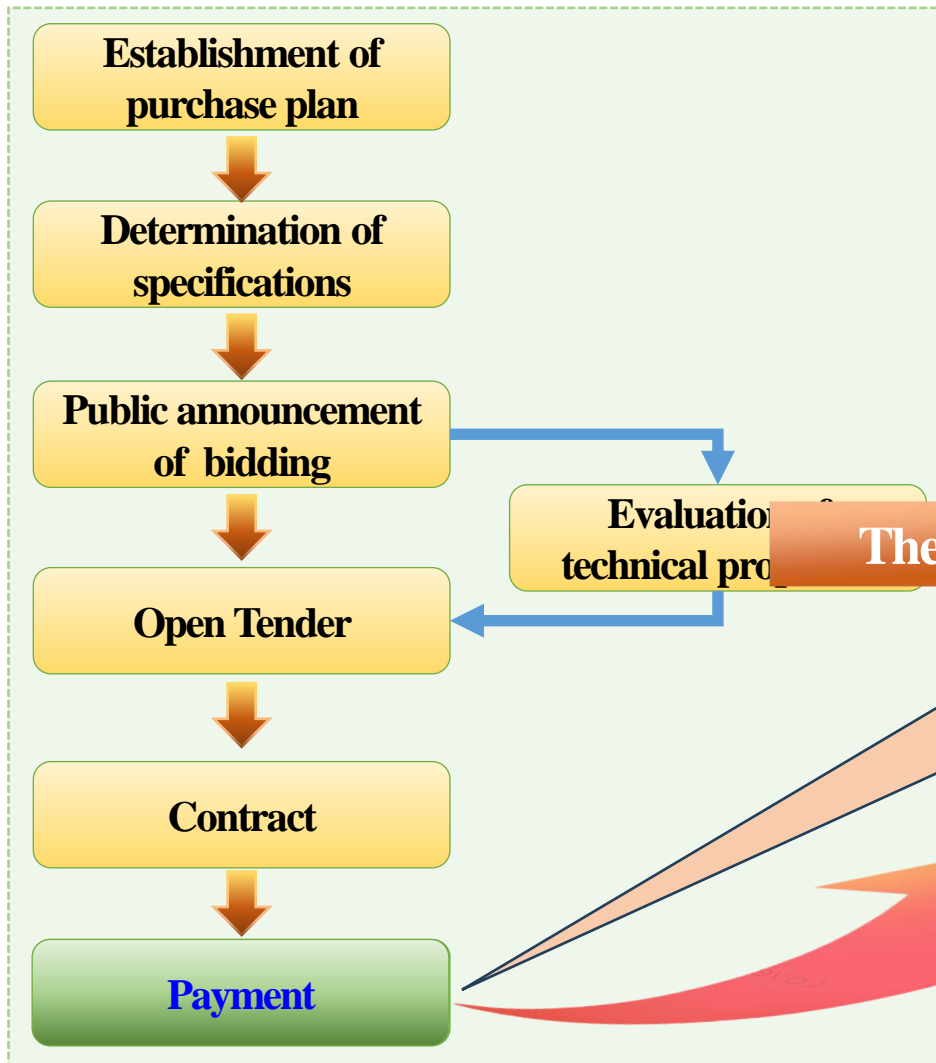


- Acquisition of personal gain during the contract process.
- Demand a commission in exchange for making the contract terms favorable.
- Since negotiated contracts are not publicly advertised, it is impossible to monitor whether the negotiated contract was made for appropriate reasons.

- ❖ All public institutions must **disclose detailed contract information on KONEPS.**
 - All contracts, including negotiated contracts, except in exceptional cases specified by laws, such as national security.

3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement



- Demand compensation for prompt payment.
- Embezzle interest income due to delayed payments.
- Embezzle payments through self-account registration.
- Delay subcontractor payments and withhold wages from the main contractor.

There is no need to visit public institutions at any stage of work.

❖ **Disclose inspection and review results along with payment status**

- Including date paid, amount paid, company receiving payment, etc.

3. Fair and Transparent procurement procedure

2. Disclose information at each stage of procurement

Payment details

물품조달계약요청 현황: 나라장터 - Chrome
g2b.go.kr:8073/cm/contstus/selectPpsItemCtrtReqStusDtl.do?procmntReqNo=3823303560008

물품 조달 현황

요청서접수 (2023/01/16) → 입찰공고 (2023/02/20) → 개찰 (2023/03/15) → 계약체결 (2023/05/01)

선금지급 (2023/01/16) → 고지서발부 (2023/12/18) → 대금지급 (2023/03/15)

※ 반전(단, 미제공)된 부분은 미처리 상태이거나 업무 진행 과정입니다.

물품 조달요청서

1. 접수번호	382330356000	2. 계약구분	총액계약	3. 납품장소	
4. 발주(공고)기관	한국전기연구원 (Tel : 055-280-1232)	5. 리스여부	N	6. 접수일자	
7. 공사명	자동 절연파괴 시험장치				

8. 구매대상물품

계약구분	일련번호	물품식별번호	품명		
			규격 또는 명세	수량	금액
총액계약	1		제어기시험장치		
			자동 절연파괴 시험장치	1	121,000,000원

대금지급 상세정보

발주계획 → 사전규격 → 입찰공고 → 낙찰자선정 → 계약 → 검사/검수 → 대금지급

업무구분	물품	구분	종양조달
[기본정보]			
대금지급번호	38231103140-00	계약번호	382330359-0
대금지급처리구분	중앙계약대지급	계약금액	₩114,950,000
계약건명	자동 절연파괴 시험장치	계약업체명	주식회사 에스테크빌리지
계약업체명	주식회사 에스테크빌리지	대표자명	김상수
검사검수번호	9023795763000-0		
[수요기관 정보]			
기관명	한국전기연구원	담당부서명	경영지원부 구매자산실
담당자명	진우성	담당자전화번호	055-280-1228
[계약업체 정보]			
업체명	주식회사 에스테크빌리지	대표자명	김상수
담당자명	김상수		

3. Eradication of corruption in the contract payment process

금융

경남은행 횡령사고 금액 3천억 85억 횡령 수자원공

차화영 기자 안준영 기자 jyoung@busan.com
입력 : 2022-09-19 10:39:01

[비즈니스포스트] BNK경남은행 횡령 사고 규모가 3천억 원대로 알려졌던 것의 6배 수준이다.

20일 금융감독원은 최근 경남은행에서 발생한 부동산 : 해 긴급 현장검사를 실시한 결과 은행투자금융부 직원 : 됐다고 밝혔다.

횡령 사고로는 역대 최대 규모로 알려졌다.

횡령에 따른 경남은행의 순손실 규모는 595억 원으로 집계됐다.

15년 동안 PF 대출 업무를 담당해온 이모씨는 2009년 5월부터 2022년 7월까지 본인이 관리 하던 17곳 PF 사업장에서 모두 2998억 원을 횡령한 것으로 파악됐다.



국내 첫 스마트시티!

85억 원을 횡령해 중형을 5월 26일 보도)이 2억 원

부산지법 서부지원 형사4 선고했다고 19일 밝혔다.

A 씨는 2014년 1월부터 2입금한 보증금 2억 원을 횡

제주일보

HOME > 사회 > 사회일반

1200만원 횡령한 서귀포시 공무원 적발...감사원 파면 요구

김두영 기자 | 승인 2024.05.09

서귀포시, 10일 인사위원회 통해 징계 수위 결정

1000만원이 넘는 공금을 횡령한 서귀포시 공무원이 적

감사원은 9일 '2023년 공직비리 기동감찰' 주요 감사 공무원 A씨(6급)에 대해 파면 징계를 요구했다.

감사원에 따르면 서귀포시 소속 회계 담당 공무원인 A씨는 2018년부터 2021년까지 서귀포시 모 읍사무소와 보건소에서 근무하면서 관급자재 대금 300여 만을 조달청에 지급하는 과정에서 조달청이 아닌 자신의 계좌로 입금하는 등 10차례에 걸쳐 1208만원을 횡령한 것으로 밝혀졌다.

A씨는 횡령한 자금으로 의류를 구입하거나 생활비 등으로 사용한 것으로 밝혀졌다.

특히 A씨는 자신의 횡령 사실이 드러나지 않도록 세금계산서 등 관련 서류를 변조하는 수법으로 허위 지출경비를 만들거나 다른 경비를 부풀려 집행한 것으로 조사됐다.

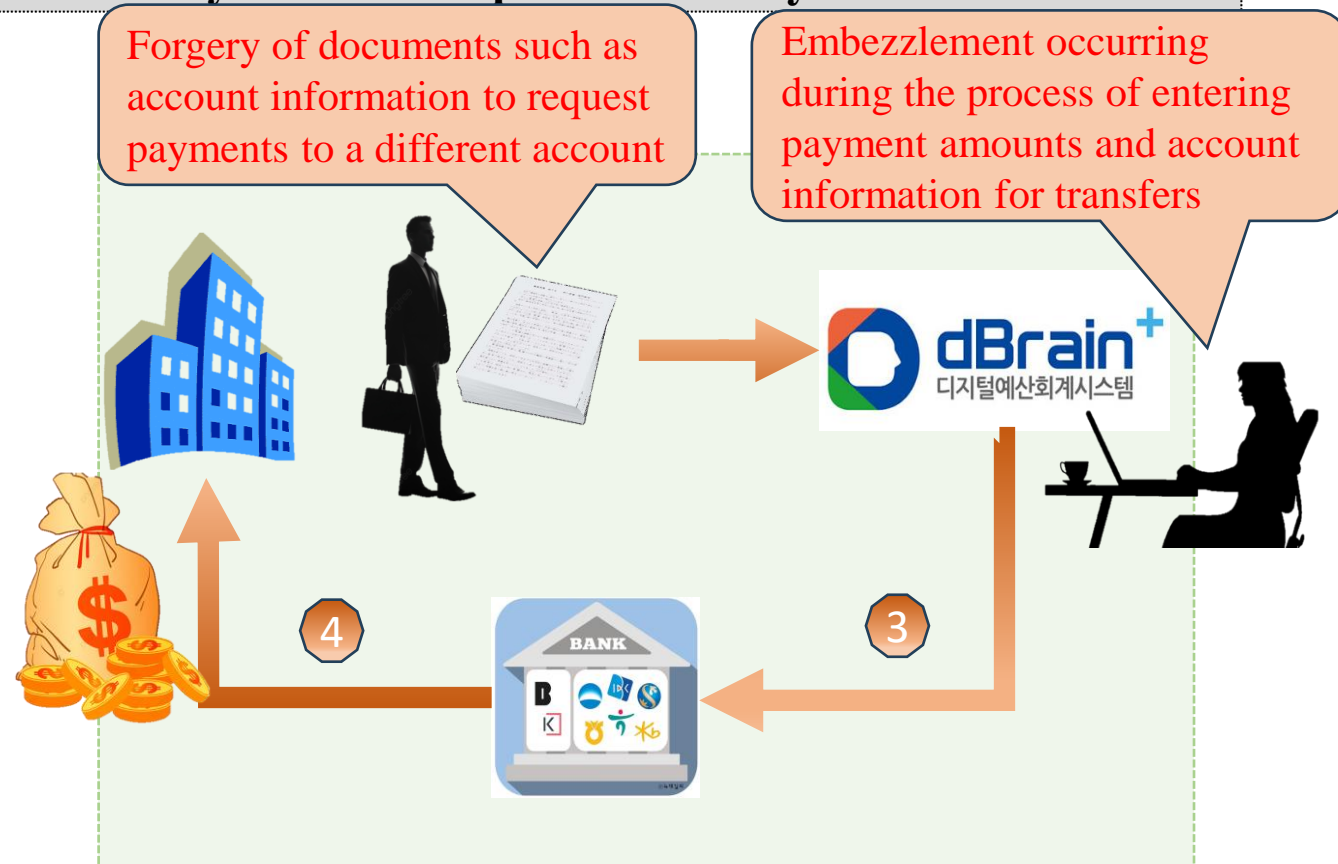
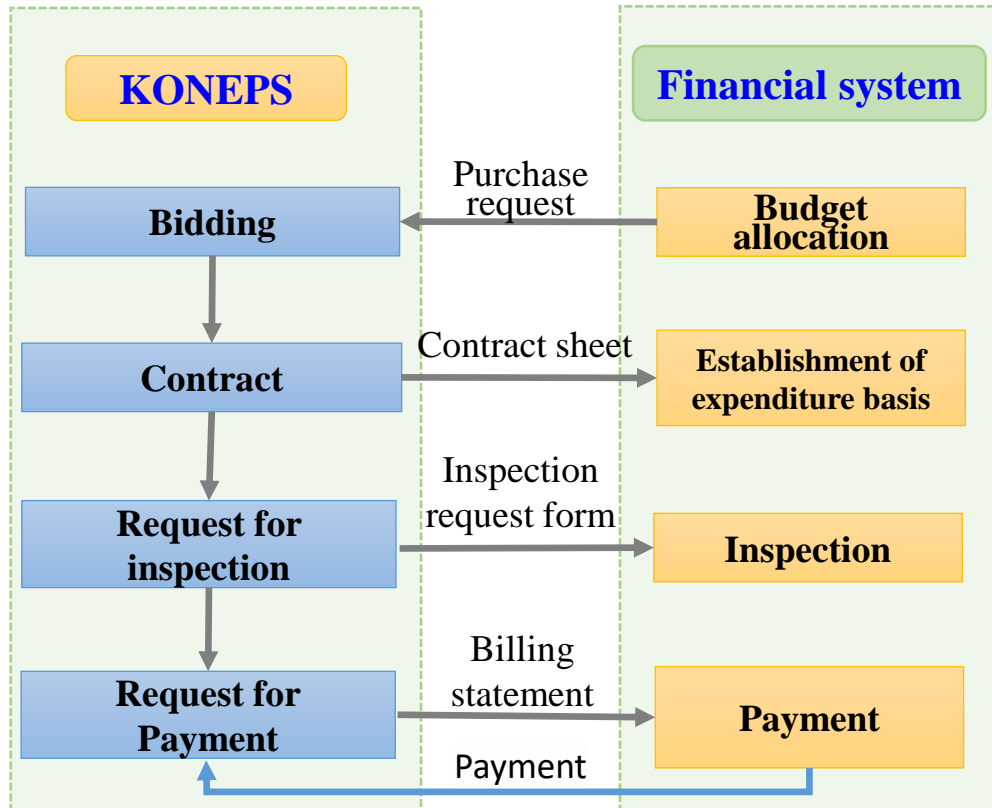
A OO City official was caught embezzling \$8,800. The Board of Audit and Inspection requested his dismissal.

3. Fair and Transparent procurement procedure

3. Eradication of corruption in the contract payment process

Transparent and prompt payment of contract funds

through the connection between the **financial system** and the **procurement system**

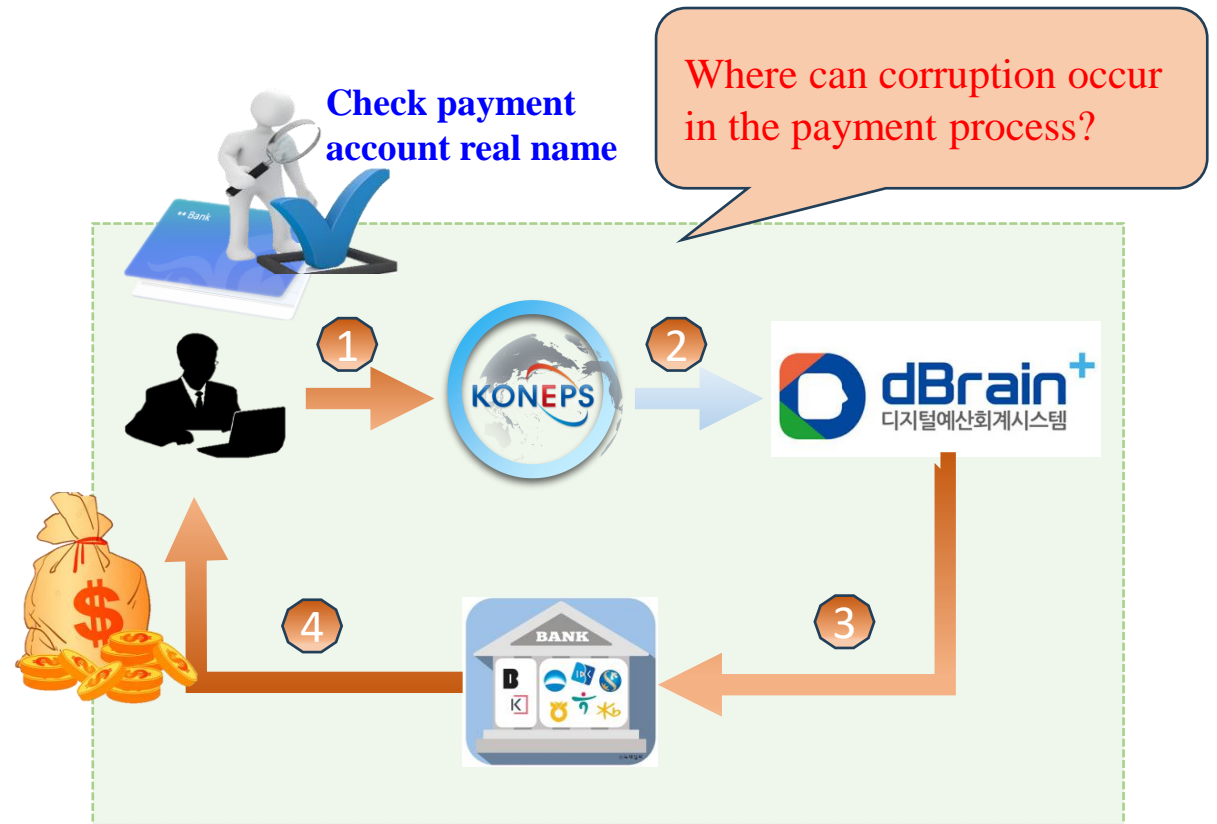
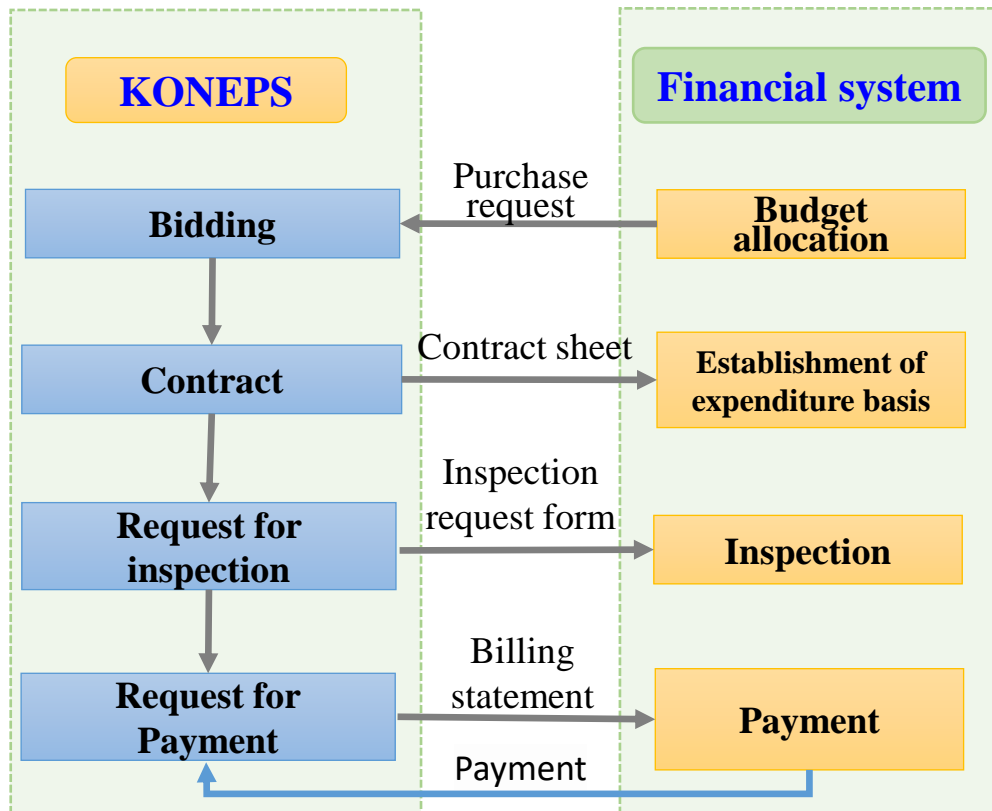


3. Fair and Transparent procurement procedure

3. Eradication of corruption in the contract payment process

Transparent and prompt payment of contract funds

through the connection between the financial system and the procurement system



3. Fair and Transparent procurement procedure

4. Transparent and fair technology proposal evaluation

Items and Score of Evaluation

	Contents	Score
Total		100
Technical Ability	-Technology & Knowledge -Technician, Organization, Management skills -Project Management Plan -Support Knowledge and Management after Project -Career of Conduct of Similar Projects -States of finance or Management -Collaboration	80 ~ 90
Bidding Price		10 ~ 20

- Creating evaluation items favorable to specific companies
- Selecting evaluation committee members favorable to specific companies
- Informing the list of evaluation committee members to the company, leading to bribery of the evaluators by the company
- Bias towards specific companies by the demand institution during the evaluation process and the influence of influential evaluators (Big Mouths)
- Distortion of evaluation results through discussions

3. Fair and Transparent procurement procedure

4. Transparent and fair technology proposal evaluation



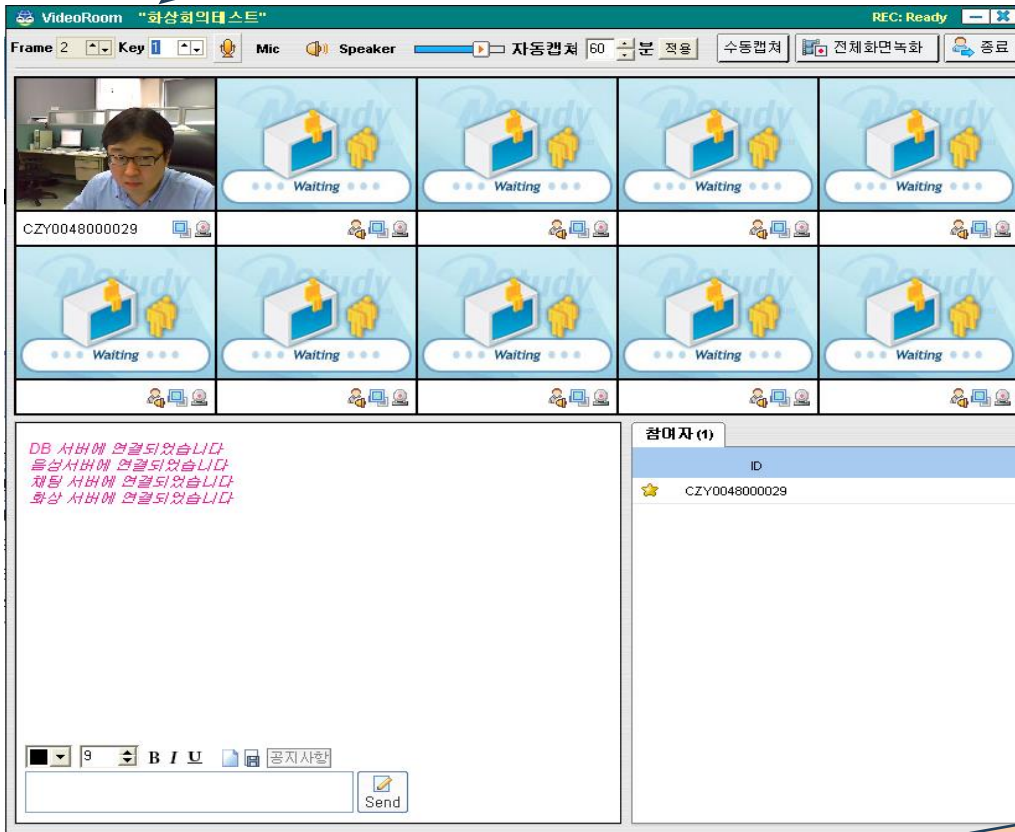
- ❖ KONEPS operate a pool of **7,400 evaluators** in **17 evaluation areas**
 - SW business technology evaluation, design contest company selection, etc
- ❖ Select evaluators using the **ARS automatic selection system**.

- ❖ Evaluation items cannot be arbitrarily set.
- ❖ The evaluation items are disclosed to and verified by the companies.
- ❖ Even contract officers cannot know the selected evaluation committee members until one hour before the technical evaluation.

3. Fair and Transparent procurement procedure

4. Transparent and fair technology proposal evaluation

Online evaluation monitoring screen



Item-by-item evaluation score input screen

제안서 평가 - Microsoft Internet Explorer

제안서 평가 점수관리

[평가집계표 - 점수입력]
- 평가등급별 점수산정기준은 아래와 같습니다.
: 최적합 = 배점*1.0, 적합 = 배점*0.8, 보통 = 배점*0.6, 미흡 = 배점*0.4, 부적합 = 배점*0.2

대항목	중항목	평가요소	평가등급	배점	배점기준
개발계획부문	유사분야에서의 개발경험	- 개발경험의 유사성 - 개발경험 건수 및 시기 - 개발분야의 규모 및 역할 - 자체개발기술 등 관련기술 보유	최적합 적합 보통 미흡 부적합	20	30
	개발대상사업의 이해도	- 개발목표 및 내용의 이해도 - 문제파악의 정확성 - 업무분석체계의 명확성 - 목표시스템 구성의 적정성 - 제안요청서와의 부합성		10	
	개발전략	- 추진전략의 창의성 - 추진전략의 타당성 - 적용기술의 혁신성 - 적용기술의 최신성 - 제안기술의 실현가능성	평가대상아님	0	
개발부문	기능 및 성능(상용SW, HW 포함)	- 기능요구 충족도 - 성능요구 충족도 - 운용요구 충족도 - 표준요구 충족도 - 사용자편의성 충족도	적합	10	35
	개발방법론	- 개발절차의 타당성 - 개발산출물의 적정성 - 도구와 기법의 적정성과 경험 - 적용방법론의 경험	적합	10	
	개발환경	- 개발장비 보유현황 및 확보방안 - 개발도구 보유현황 및 확보방안	보통	15	
관리부문	경영상태	- 재무구조 - 신용 평가기관의 신용도	보통	1	10
	사업수행조직	- 조직체계의 적정성 - 참여인력의 적정성	최적합	1	
	품질보증방안	- 품질보증계획의 적정성 - 품질보증인력의 자질 - 사업자 품질보증 능력 - 국제 소프트웨어 개발 프로세스 품질 인증 획득 여부	최적합	1	
	위험/자원 관리방안의 적정성	- 위험/자원 관리방안의 적정성	최적합	1	

신뢰할 수 있는 사이트

5. Blocking the possibility of corruption in all procurement processes

기사인쇄하기

지정브리핑

나라장터 4년, 조달 비리 사라졌다

시스템 구축으로 총 18조원 마

2006.10.11

10일 조달청에 따르면, 2002년 나라장터 구축 이후 입찰, 낙찰결과 등 모든 정보를 실시간으로 공개하고 업무처리를 자동화함에 따라 조달행정 투명성도 획기적으로 높아졌다.

조달청은 입찰과 낙찰결과 등 모든 정보의 대면접촉 기회감소로 매년 청렴내역이 단 한 건도 발생하지 않았다



10일 나라장터의 영문브랜드 '코넵스' 선포식이 서울지방조달청 국제회의실에서 열렸다.

KONEPS 4 years later, procurement corruption has disappeared.

Transparency is dramatically increased by disclosing all information, including bids and successful bid results, in real time and automating work processing.

그간 정부구매 및 계약은 부조리 양산의 산실로 기억돼왔다. 지난 2000년 160건, 2001년 166건, 2002년 98건의 부조리에 대한 매스컴 보도가 있었으며 국제투명성기구(TI)의 부패인식지수(CTI) 평가 등급도 2001년에 42위, 2002년에는 40위에 머물렀었다.

그랬던 나라장터가 2004년 OECD 반부패포럼에서 우수사례로 선정돼 주제발표까지 됐으며, 국가청렴위의 청렴도 측정결과 2002년 6.8점에서 2005년 8.65점으로 27%나 상승했다.

이처럼 조달비리가 사라진 데에 기 때문이다.

기업들은 과거처럼 물품을 납품하기 위해 조달청에 찾아가거나 부탁할 필요가 없고, 처리과정이 모두 명하게 공개되는 조달 비리 가능성이 원천 봉쇄된 것이다.

As a result of the National Corruption Commission's integrity measurement, it increased by 27% from 6.8 points in 2002 to 8.65 points in 2005.

Companies do not need to visit the PPS for contracts, and the process is transparently disclosed, preventing any possibility of corruption.

4. Achieving policy objectives through KONEPS

❖ Efficient means of implementing government policies

Support new technology products, environmental protection products, socially disadvantaged and socially responsible companies

❖ Additional points for bidding, Theme mall, Exclusive mall

Technical Innovation Policy

Net Excellent Technology
New Excellent Product

K-Mark/Korean Standard
Product

Good Software /
Good Design Product

Excellent Performance
Certificated Product

Patent / Utility Model
Product

Green Policy

High Efficient energy
Equipment

Save energy
Product

Eco-Label Certificated
Product

Recycled Product

Social Support Policy

Disabled person's
Product

Organizations of Patriots
and Veterans' Product

Woman Business
Enterprise

Culture goods

Disabled person-Owned
Enterprise

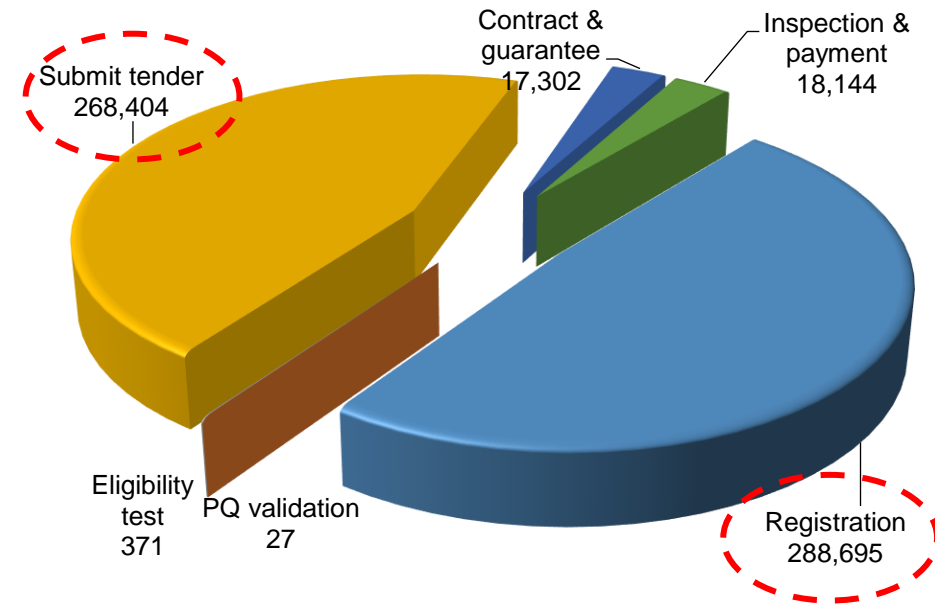
Social enterprise

4. Achieving policy objectives through KONEPS

- Reduction of carbon emission: **615,000 ton annually**
 - ✓ Reduction of visiting to procurement agency: **592,000 ton**
 - ✓ Paperless business process
- Economic effect by reduction of carbon emission : **25 million \$ annually**
(Based on market price of EU CERs)
 - ✓ Equal Carbon absorption amount of **30 years old 50 million pines**
 - ✓ **5 times** to carbon emission amount of **LG chemical Ulsan factory**

- the results of a 2013 study -

Process	Reduction amount (unit: ton)	Economic effect (Unit: M ton)
Registration for bidding	288,695	12
Application for PQ validation	27	0
Submit eligibility test document	371	0
Submit tender document	268,404	11
Contract and submit guarantee	17,302	0.7
Delivery inspection and payment	18,144	0.8
Total	592,944	25





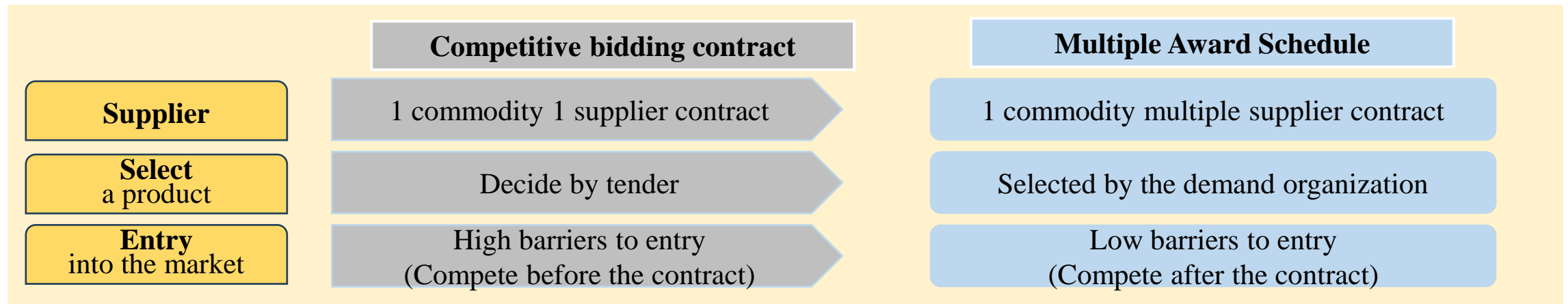
IV. KONEPS Services (Sub-Systems)

Public shopping malls
where you can search, select, and purchase products with unit price contracts
without cumbersome bidding procedures

An institution for use

- Mandatory purchase:** State institutions, local governments (including educational institutions)
- Selective purchase:** Public enterprises, quasi-governmental institutions, and other institutions registered as demand institutions in the Public Procurement Service

Characteristics



1. Shopping Mall

Shopping mall category

Transaction size

Products

도로/철도/시설
사무/교육/가구
섬유/의류/생활
소방/안전/의료
소프트웨어
식품류
운동/취미/악기
전기/기계/설비
전자/정보/통신/영상
조경
차량/운송/운반
토목/건축/자재
화학/시험/계측

Services

여행/숙박
임대
보험/의료
교육/번역
환경/위생/방역

Certified Mall

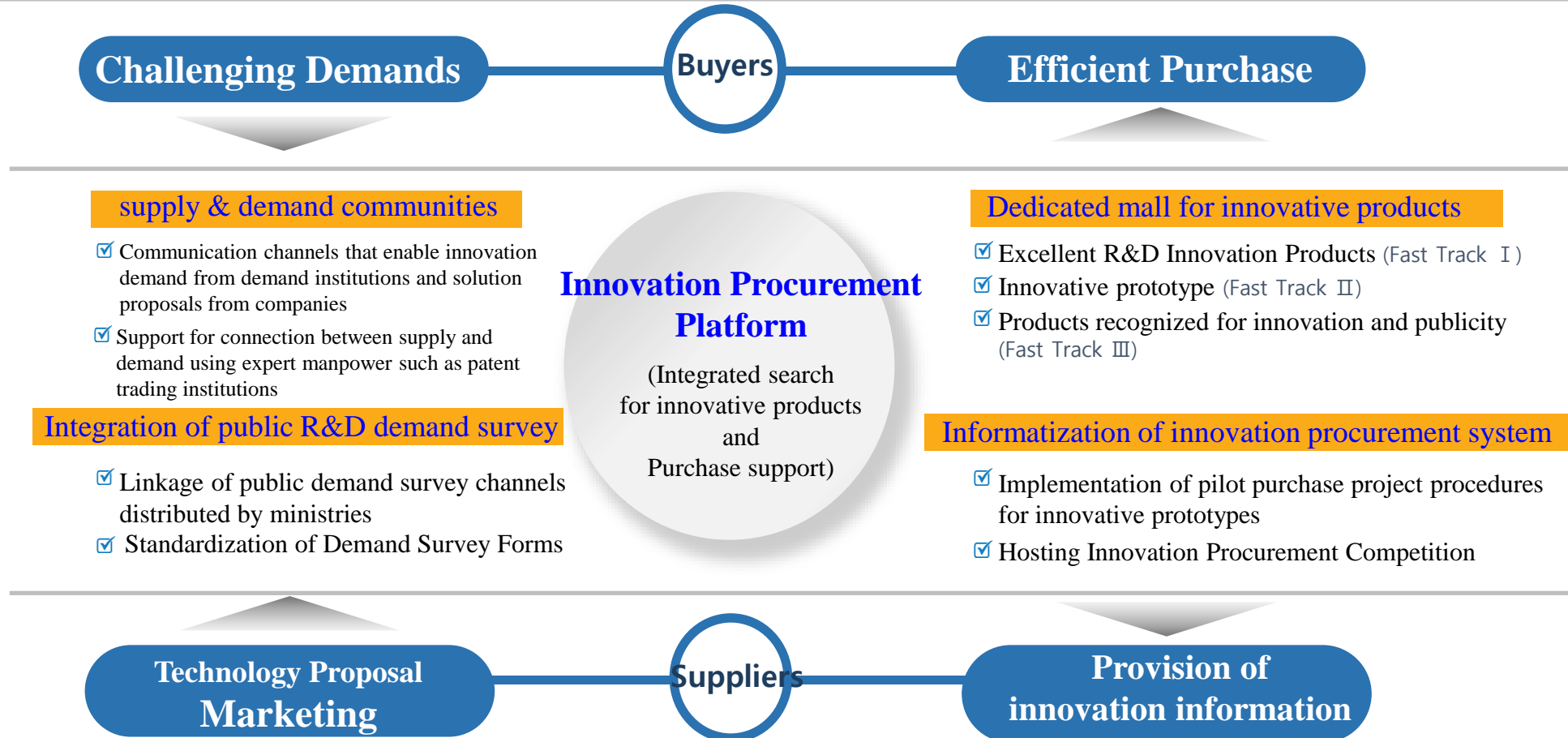
									
사회적가치실현기업	우수조달물품	품질보증조달물품	우수조달공동상표	상생협력제품	창업기업제품	기술품질인증	녹색물품	정책지원	혁신제품

Theme Mall

								
국민안전물품	전통문화상품	향토명품44선	중기간경쟁제품	4차산업혁명	시스템장비외	디지털서비스	레미콘-아스콘	국방상용물자

Quantity of goods			Amount supplied
Number of businesses	Number of Commodity	Number of Items	
12,800	1,502	881,650	23 B\$

Dedicated platform that manages and supports innovative procurement policies such as innovative demand generation and innovative product market support



Major Policies for Innovative Product

- ❖ Institution **can purchase** designated innovative products **at the 'Innovation Mall'**
- ❖ **Negotiated contracts** can be made **for three years** after designation as innovative
- ❖ Institutional buyers are **protected from audits**

3 Types of Innovative Product

Fast Track I



Excellent R&D products

Excellent products from R&D deliverables conducted by central administrative agencies
(9 central agencies)

Fast Track II



Innovative prototypes

Pre-commercial prototypes that are recognized for innovation and commercialization
(Designated by PPS)

Fast Track III



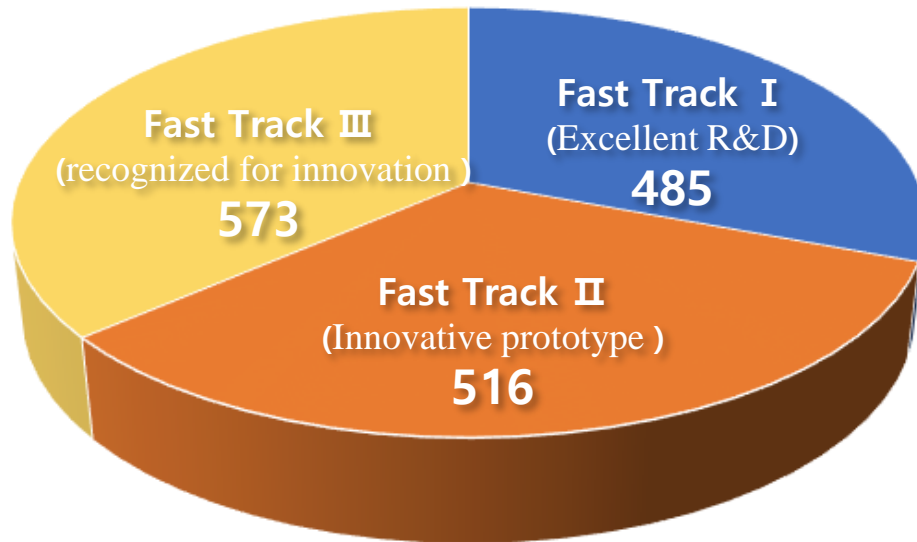
Product recognized for innovation and publicity

Innovative products recommended by the head of a central government agency
(11 central agencies)

Designation and purchase status of innovative products('22)

Designation of innovative products **a total of 1,574 products** selected through designation screening by three fast tracks(from 2019)

Designating innovative products

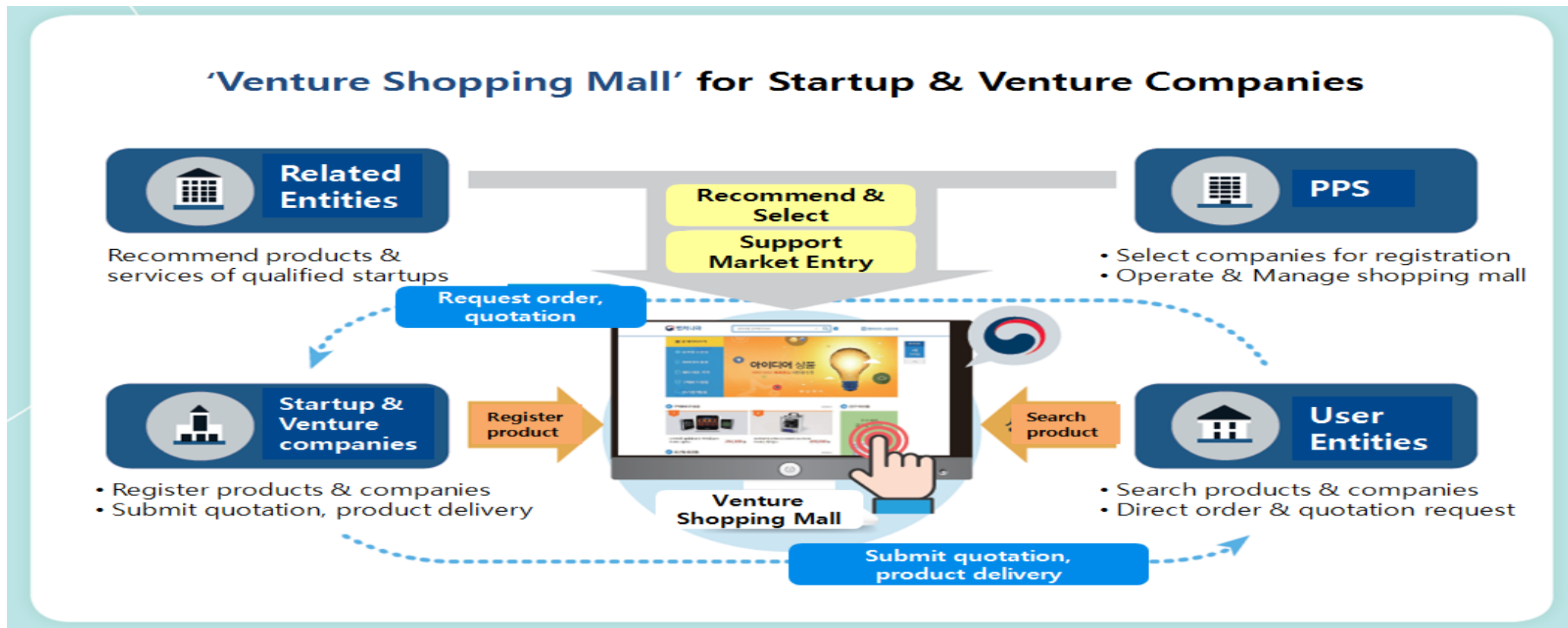


Purchase innovative products

(Million \$)

Track	2022	2019~2022
FT1	125	246
FT2	174	338
FT3	163	310
Total	462	894

A specialized shopping mall that support start-ups and venture companies that have excellent technology and quality but have difficulty entering the public procurement market



Interlinked with KONEPS, D-brain ► Direct order, quotation, contract, inspection, payment

3. Venture Mall

Screenshot



구매통계 > 구매BEST상품

Dual Booting Tablet PC Model !델 (MG-TwokeyPro-c64)

682,000원

* 위 가격은 업체가 조달청에 제출한 견적가격입니다.

업체명	주식회사 엠엔지 이엔디	사업자등록번호	1178155476
Spec	Z2596021	단위	대
구격	태블릿컴퓨터, 엠엔지 이엔디, MG-TwokeyPro-c64G, Intel Celeron 1037U(1.8GHz)		
상품설명	Twokey Pro는 세계 최초의 듀얼 부팅 태블릿 PC 시리즈로서 윈도우와 안드로이드의 다양한 애플리케이션과 문헌조를 모두 활용할 수 있으며, 전자출판 소프트웨어를 기본적으로 탑재하여 어떠한 환경에서도 메모나		
납품조건	택배비 무료배송		
첨부파일	Z2596021_시합성격서1.pdf	Z2596021_시합성격서2.pdf	Z2596021_시합성격서3.pdf
구매수량	1	대	

총 상품 금액 682,000 원

Quotation Direct Order

이전 견적요청 **바로주문** 관심상품등록

상품정보 업체정보

의무구매대상 우선구매대상

그 외 인증 Q마크 KC인증 새약기업

Check Certification

Item price

- ✓ quotation price submitted by supplier
- ✓ direct order possible if purchasing quotation price
- ✓ Quotation request upon price reduction in large quantities

Request change in spec.

- ✓ Possible to change some spec. such as size and color

Designation and purchase status of the Ventuer mall

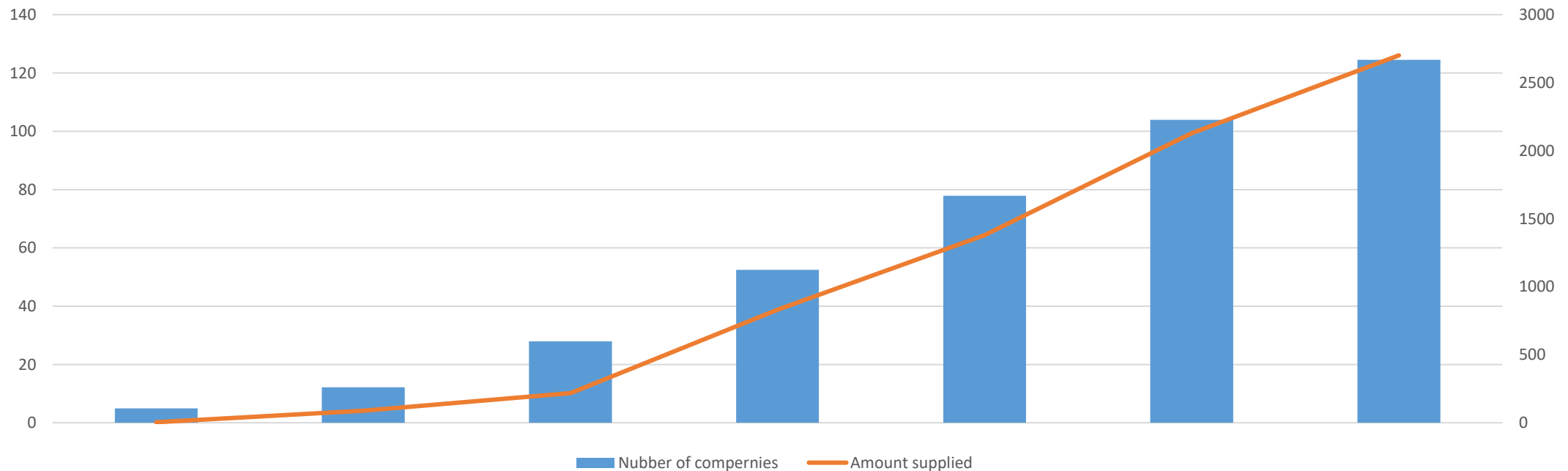
Designating products

Purchase products

2,668 companies registered **18,554 products**
(accumulated)

104 companies('16) → '22 **2,668** compernies('22)

126 M\$ in transaction results, cumulative **343 M\$**
0.17('16) → 4('17) → 10('18) → 39('19) → 64('20) → 994('21)
→ 1,26('22) Million USD



An open platform dedicated to public services
that allows service products to be registered without contract procedures and
allows services to be traded **through free conversation and consultation**

Necessity

The Shopping mall lists products contracted with the Public Procurement Service

- Uncontracted service products cannot be purchased
- Purchase according to specified specifications and conditions
- Difficulty in entering the procurement market without bidding and contracts
- Difficulty in developing new service products

Two-way deal that connects buying and selling

- Purchase the product you want conveniently (**Get it**)
- **Mutual consultation** of required specifications and conditions

Open platform open to everyone

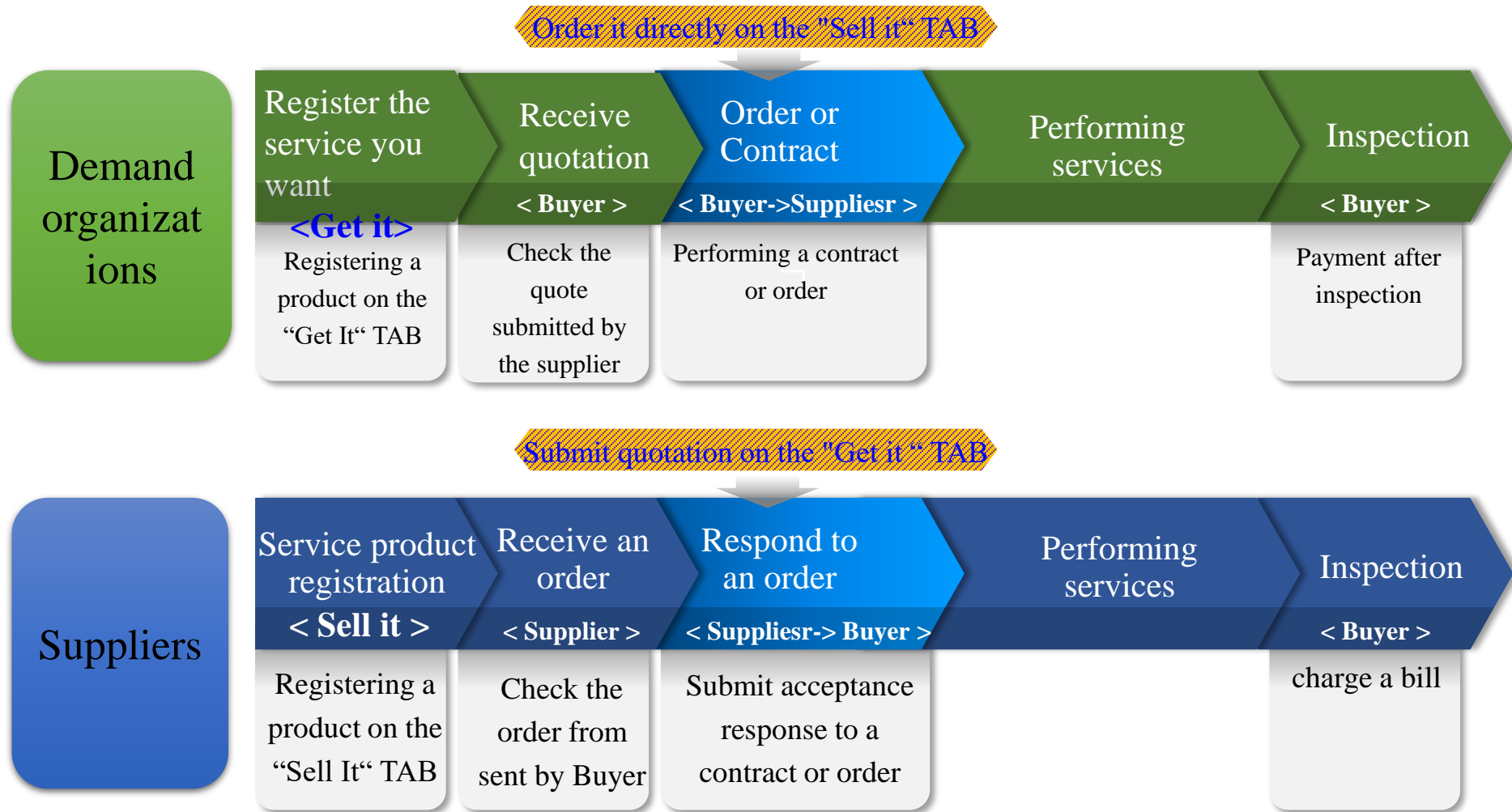
- Register and sell service products freely (**Sell it**)
- Promote new service offerings and provide sales channels

Enabling Service Transactions

Enable service innovation growth

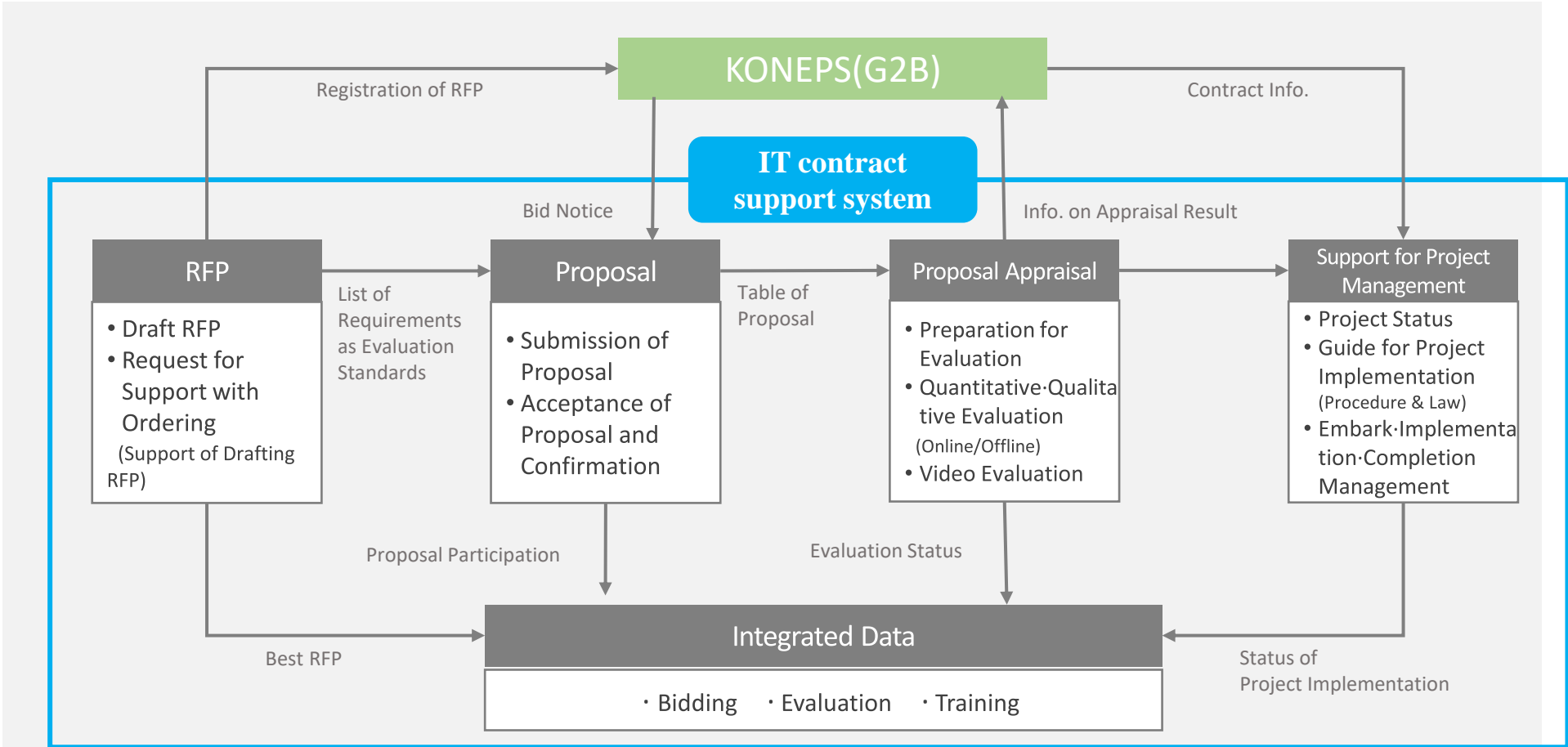
4. Joint Mall(Open Public Service Market)

Purchase procedures for Joint Mall



5. Proposal evaluation and Project management System

Provide systematic and efficient online services throughout the **entire business process of public IT projects**



One-Stop Service from Ordering to Completion via KONEPS Linkage

Online Business Briefing



5. Proposal evaluation and Project management System

Online video technology evaluation

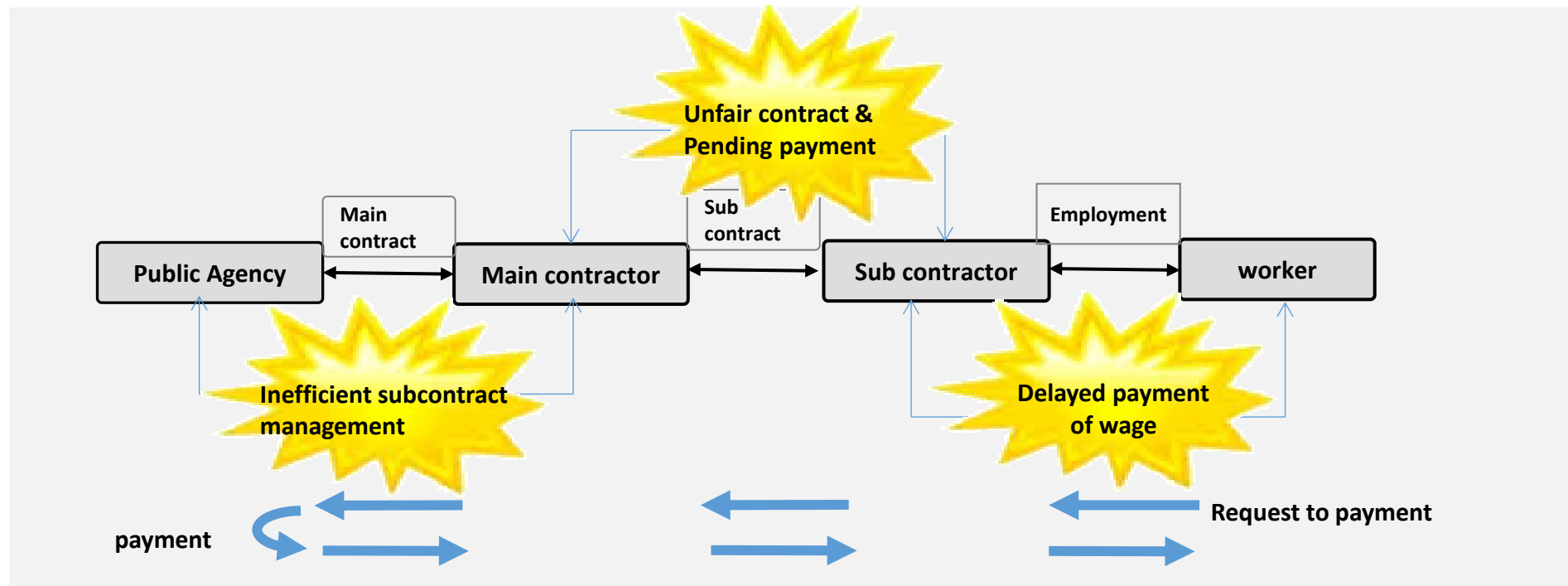
The screenshot displays the 'e-발주시스템' (e-Bidding System) interface. On the left, a sidebar lists evaluation items (평가항목) for three companies (업체1, 업체2, 업체3) with their respective scores. The main area shows a '평가점수 등록' (Evaluation Score Registration) window. This window contains a table for recording individual scores and a dropdown menu for selecting grades.

평가항목명	배점	업체1	업체2	업체3
평가항목1	20	0	0	0
평가항목2	30			
평가항목3	25			
평가항목4	15			
평가항목5	10			
합계				

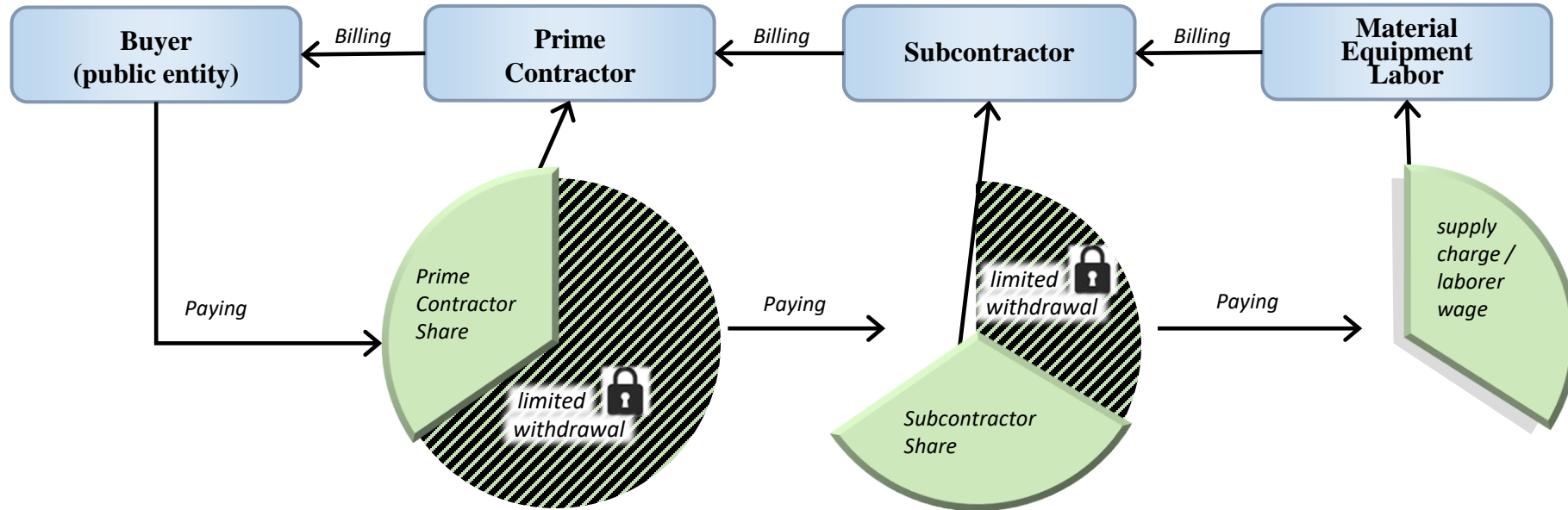
평가부문	배점기준	평가항목	평가내용	배점한도	등급
				10.5	평가등급선택
				4.5	평가등급선택
평가부문1	20	평가항목3	평가내용	5	평가등급선택
평가부문2	30	평가항목1	평가내용	9.5	매우우수
평가부문2	30	평가항목2	평가내용	7.25	우수
평가부문2	30	평가항목3	평가내용	5	보통
평가부문2	30	평가항목4	평가내용	5	미흡
평가부문2	30	평가항목5	평가내용	5	매우미흡

Process subcontracts and payments in real time
for fair and efficient management of subcontracts

- Of complaints regarding construction, sub-contracting accounted for 84%
(Anti Corruption & Civil Rights Commission, '16)
 - * Contents : Reduced Payment / Delayed Payment / No Payment for Modified Price / Back-door Deal
- Complicated Hierarchical Structure -> Leaves Room for Unfair Practices



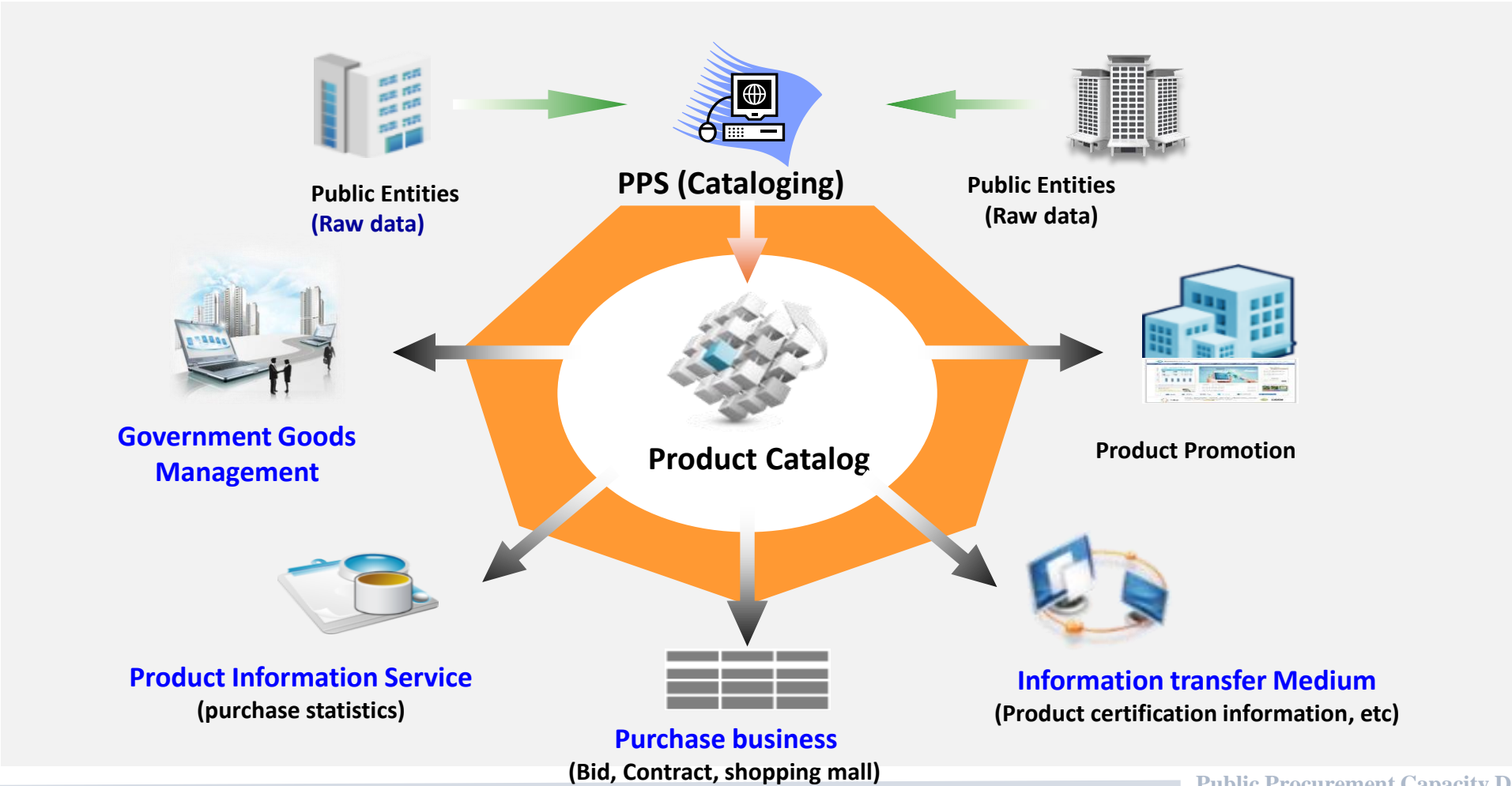
Payment Flow of Subcontract Management System



- ✓ Payment for Subcontracts / Rental Fees for Materials·Equipment / Labor Fees are transferred to the bank account for a prime contractor
- ✓ Restriction of money withdrawal allows a prime contractor to draw only its portion
- ✓ Prime contractor cannot draw the portions of payment for subcontractors, material and equipment firms, and labors

Sub-Contract : **109,714, 49 Billion USD**, Payment : **47 Billion USD** (‘23)

A system for systematically **classifying and assigning unique numbers** for the efficient purchase and management of **goods and services**



Code scheme for items in KONEPS



- Classification Code : 2 digits Large(Segment), Middle(Family), Small(Class), Sub(Commodity)4 Stages
- Identification Code : Individual Code for an Item (**Code itself does not carry any meaning**)

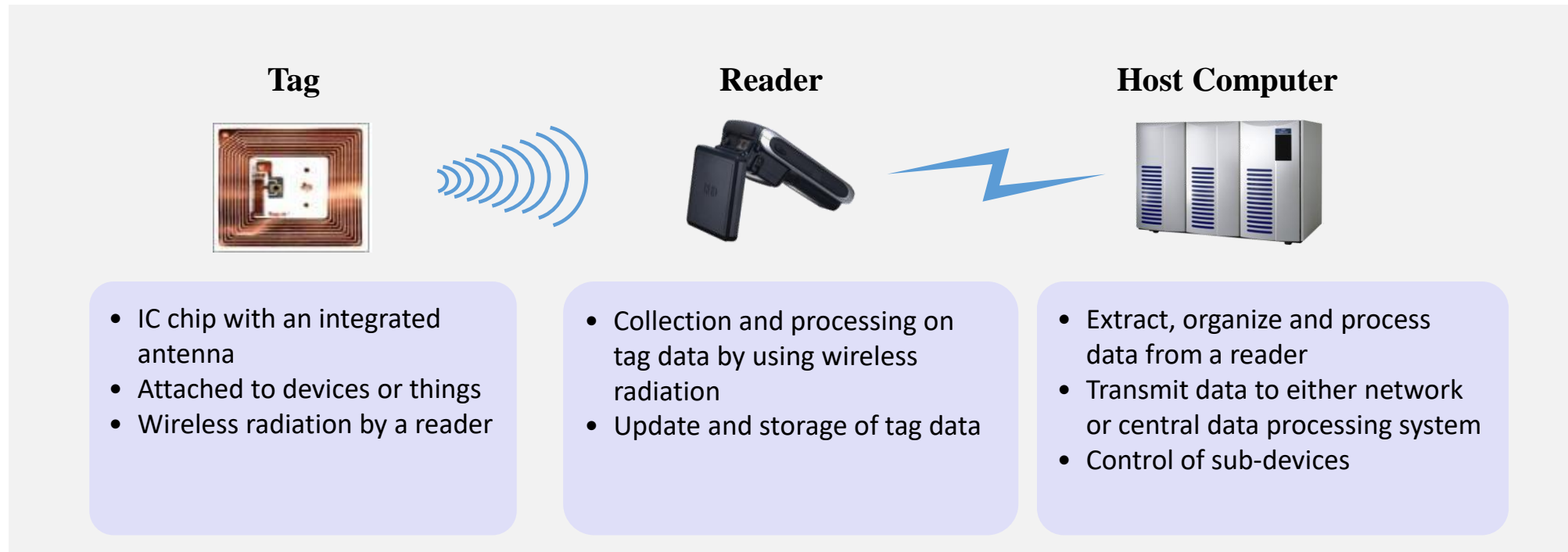
Classification	Large (Segment)	Medium (Family)	Small (Class)	Smaller (Commodity)
Classification Title	Commercial and Military and Private Vehicles and their Accessories and Components	Motor vehicles	Passenger motor vehicles	Bus

Built on the basis of RFIF for efficient management of government-run goods such as handling, storage, use, and disposal

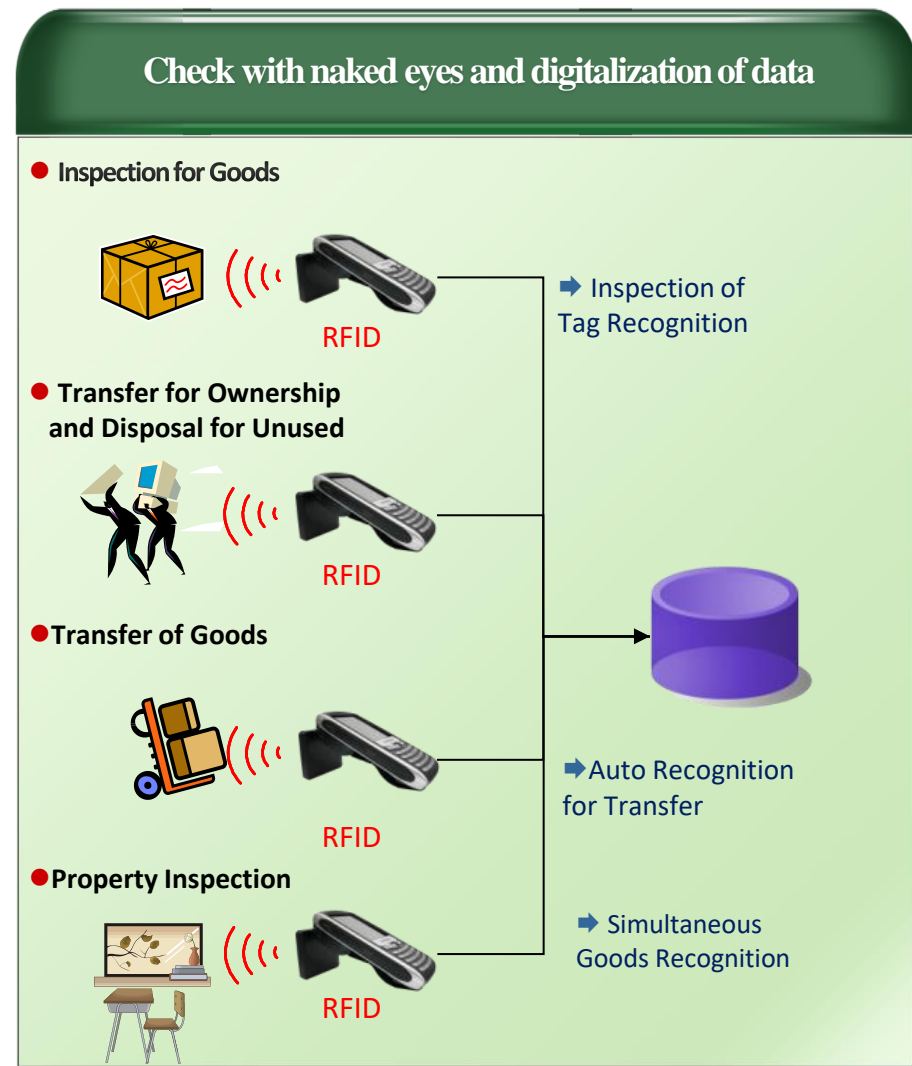
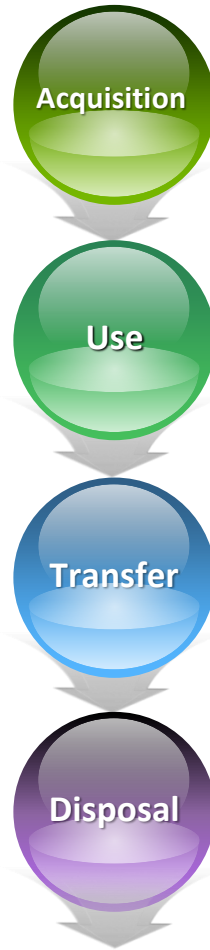
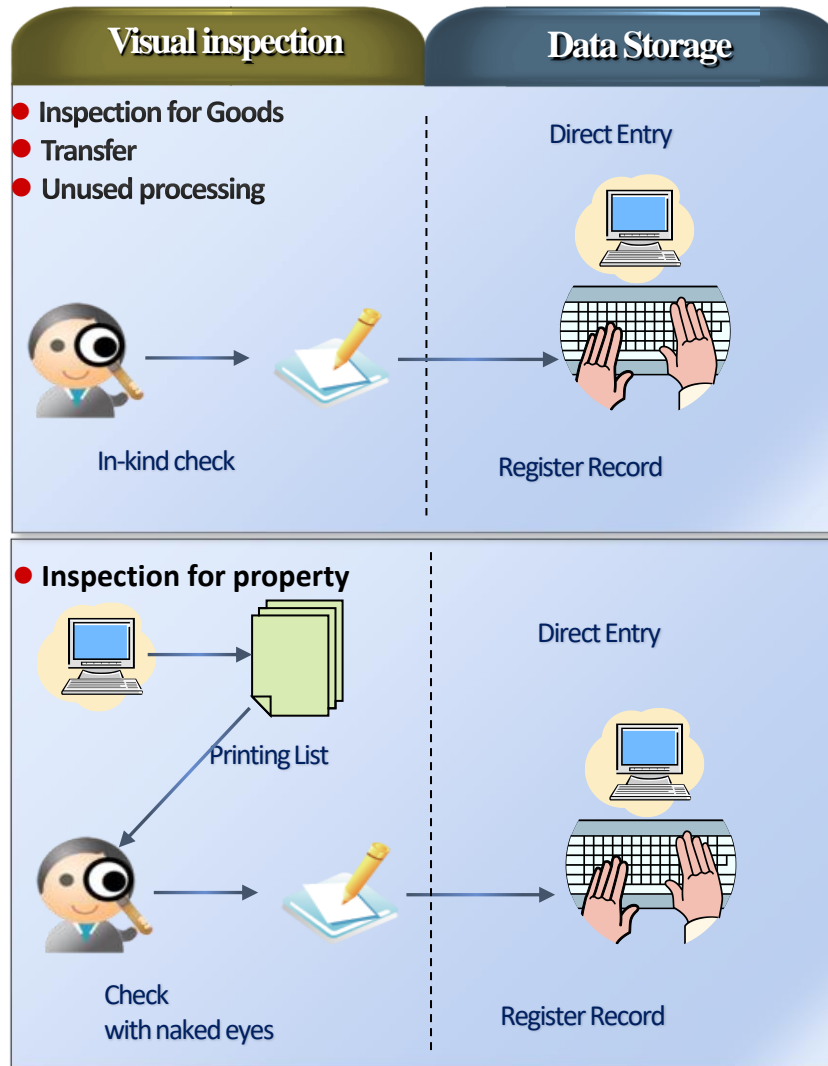
As a core element in ubiquitous, RFID is comprised of

(1) **Tag**, (2) **Reader**, and (3) **Host Computer** to be variously utilized and applied

* RFID: Radio Frequency IDentification

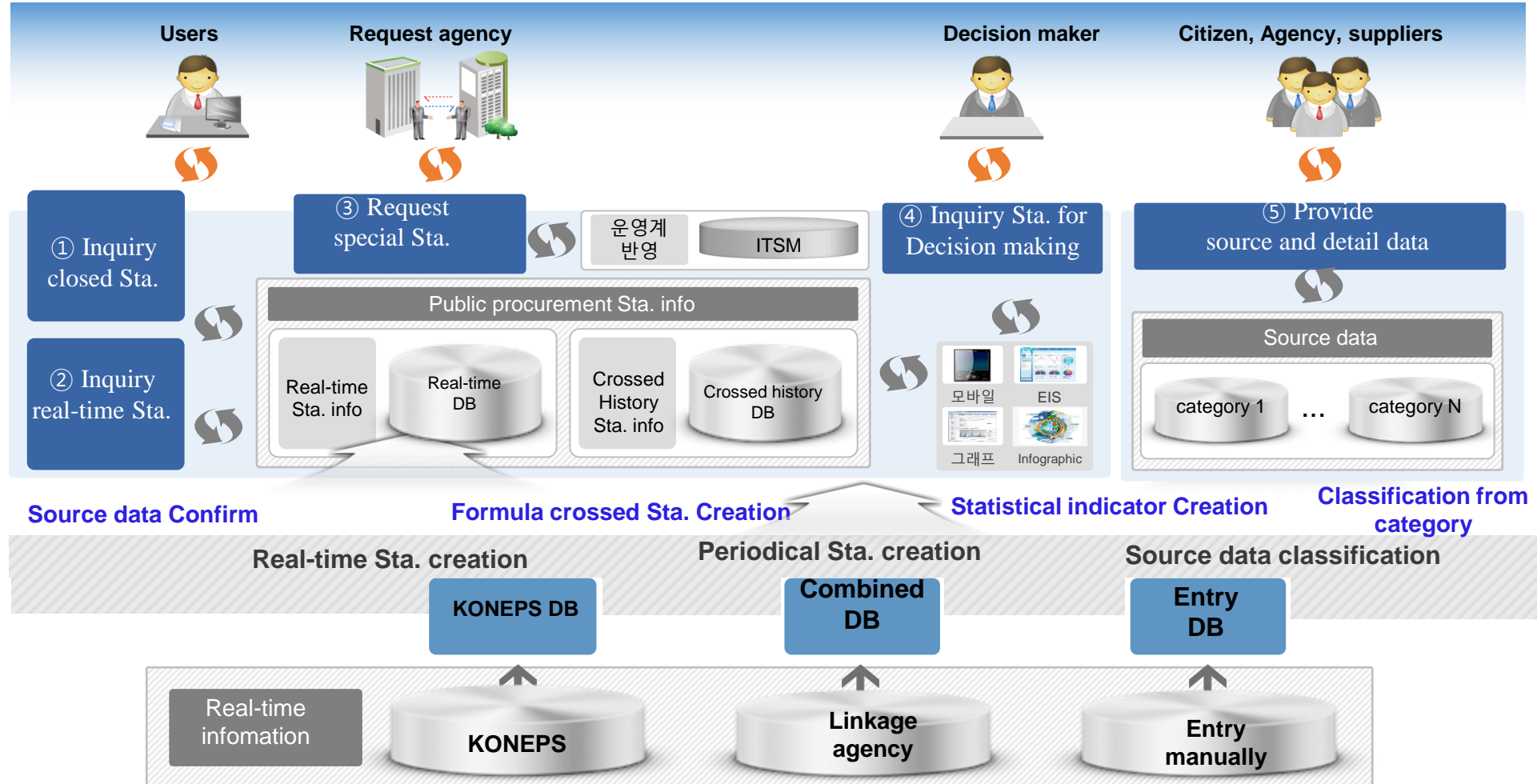


8. Government Goods Management System



9. Statistics system for public procurement

A statistical system that collects, manages, and provides information on 26 electronic procurement systems, including KONEPS





Thank you

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