



Introduction of quarantine and Jung-bu Regional office

**Animal, Plant and Fisheries
Quarantine and Inspection Agency(QIA)
Jung-bu Regional Office**





Organization and current conditions

Animal, Plant and Fisheries Quarantine and Inspection Agency(QIA)

General Service Division

Emergency Response Center

Planning & Coordination Division

Department of
Livestock
Products Safety
(5 Division)

Department of
Animal Disease
Control
(5 Division)

Department of
Plant
quarantine
(4 Division)

Department of
Fishery Products
Quality and Safety
(3 Division)

Department of
Animal and Health
Research
(8 Division, 1 Center)

Incheon
International
Airport
Regional
office

Youngnam
Regional
office

Jungbu
Regional
office

Seoul
Regional
office

Honam
Regional
office

Jeju
Regional
office

12
District Offices

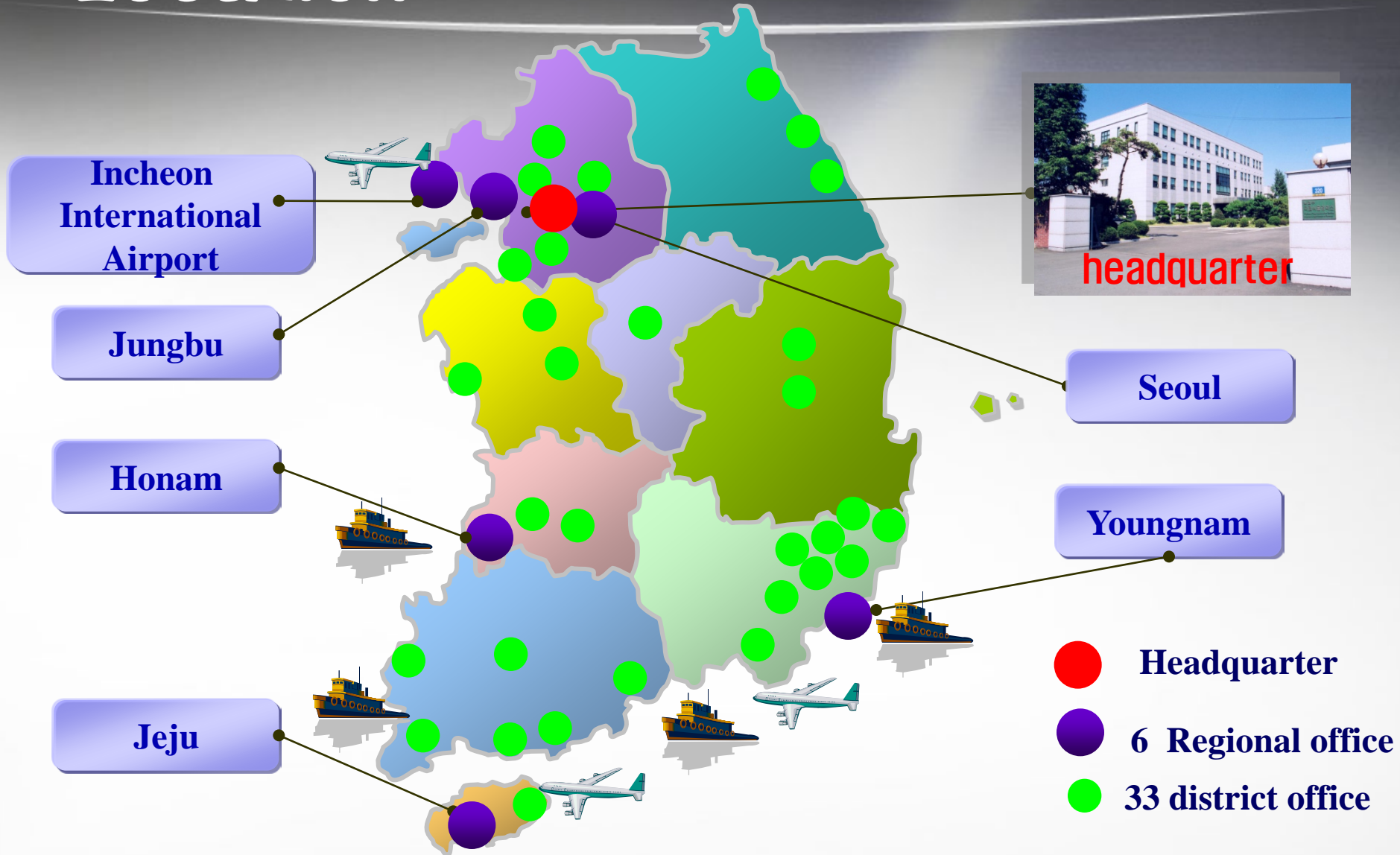
6
District Offices

7
District Offices

7
District Offices

District Office

Location



The main works of QIA

Animal/ Live stock

- - Import / Export quarantine and Inspection
 - Sanitary control for livestock products
 - Animal disease control
 - Animal medicine and Disease diagnosis
 - Animal health research

Plant

- - Import / Export Plant quarantine
 - Monitoring and control of exotic pest
 - Pest risk analysis
 - Post-Entry quarantine
 - Plant quarantine Technology Research and development

Fishery

- - Imported/exported fisheries Quarantine and Inspection
 - Sanitation management
 - Fishery quality control
 - Country of origin labeling
 - Salt inspection



Quarantine & Inspection procedure

Items Subject to quarantine

Animal

- ☐ Mammal
- ☐ Birds
- ☐ Bee

Livestock

- ☐ Processed food
- ☐ Egg product
- ☐ Cheese

plant

- ☐ Fruit
- ☐ Vege

seedling

- ☐ flower
- ☐ tree

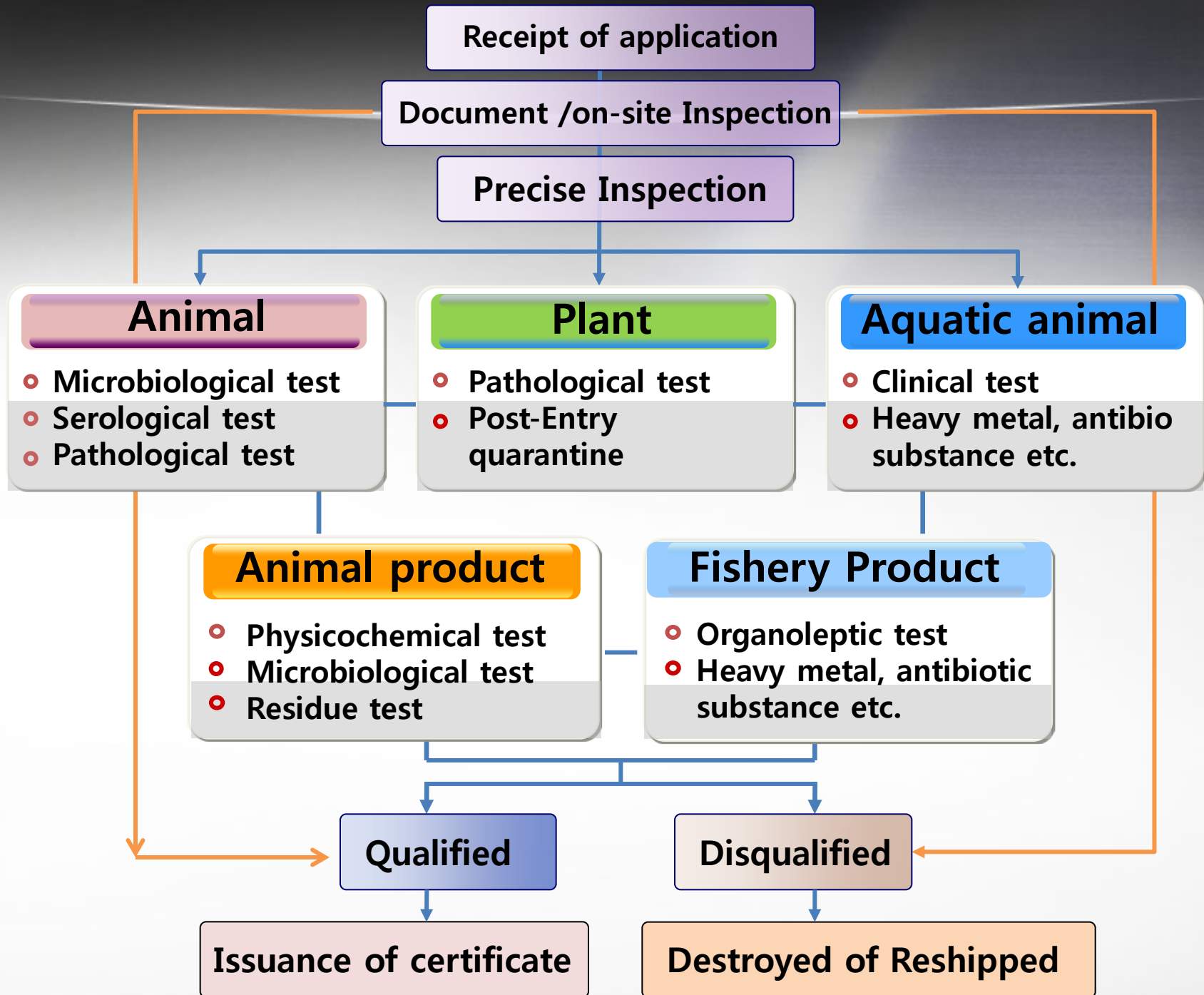
Fishery

- ☐ fish
- ☐ shellfish
- ☐ crustacean

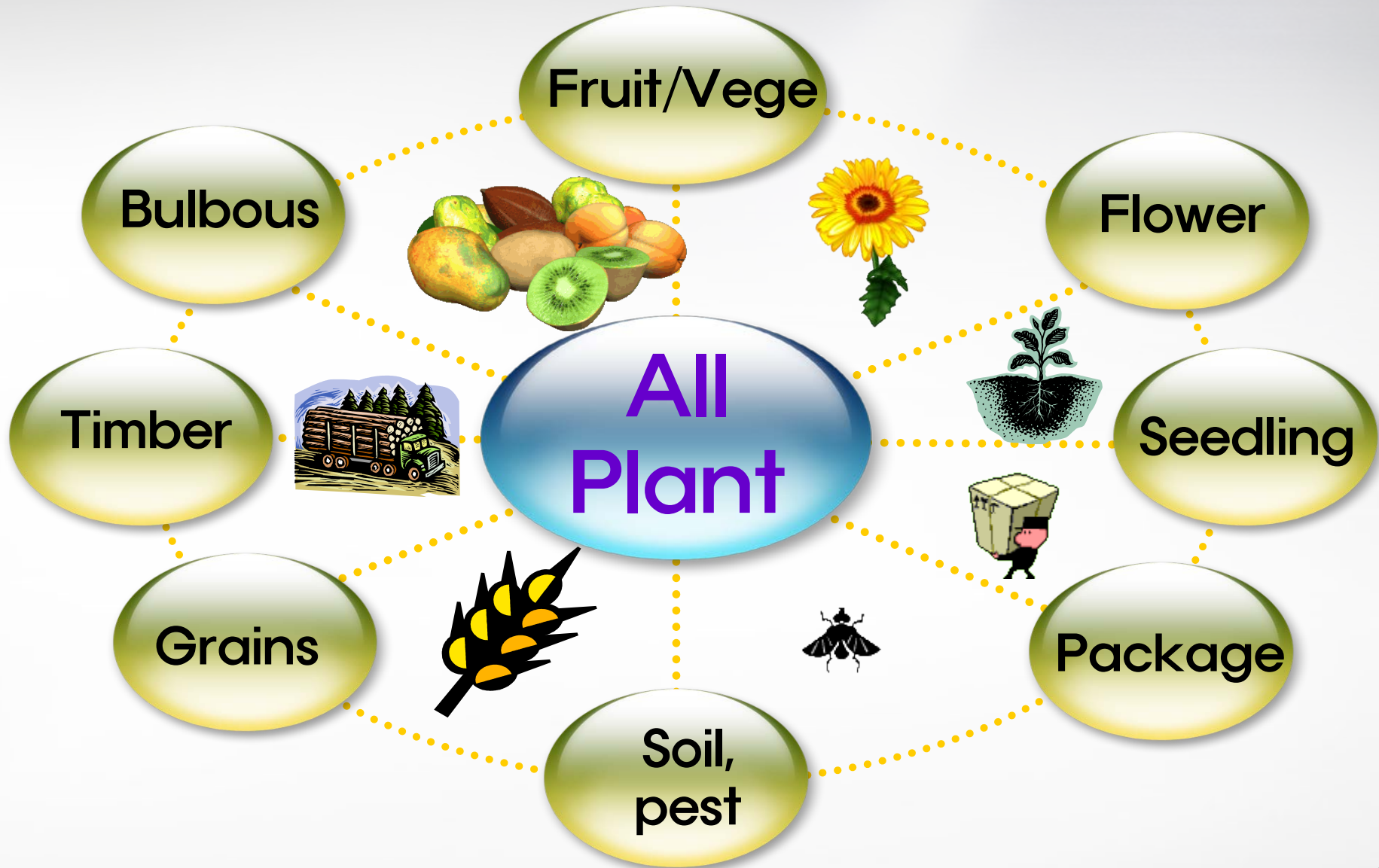
Fishery product

- ☐ Processed food
- ☐ crustacean





Items Subject to plant quarantine



Import inspection Procedure



Laboratory test

Subject Items

seeds, seedlings, fruits and vegetables etc.
- Which have high infectious capacity



Methods

- ✓ Stereo/Compound Microscope,
- ✓ Image Analyzer
- ✓ SEM, TEM
- ✓ DNA Analysis
(PCR, Electrophoresis, Sequencing)
- ✓ Immunological tests (ELISA)

Export procedure

Subject items

Plant products which are agriculture products, seedlings, seeds, wooden packages etc.

Inspection venue

Places where applicant wants
(designated venue, farm, warehouse etc.)

Inspection methods

On-site inspection, laboratory test, post- entry quarantine etc.

Check whether exporting plants conform to the import requirements

Monitoring exotic pests

Pests subject to control

- new exotic pests

Monitoring areas

- Airports and seaports
- imported plants cultivation areas etc.

Methods

- traps, light traps and field survey etc.

Relative programs

- pest monitoring agent, monitoring and inspection, control activities

- Detect new exotic pests
- To prevent spread of plant pests before establish in korea

Research & technology development

Field of research

1. Ecology and distribution of native & exotic pest and management methods
2. Pest detection and identification methods
3. Unapproved LMO test methods

Major projects

1. Fungus and pest detection & identification
2. Diagnostic techniques for bacteria and phytoplasma
3. Test system for virus and viroid
4. Plant quarantine weeds identification and classification and management
5. plant quarantine treatment methods

Other projects

1. Develop the scientific data for import quarantine issues
2. Collect and analyze the quarantine information of a partner country
3. Import and export plant quarantine treatment technique

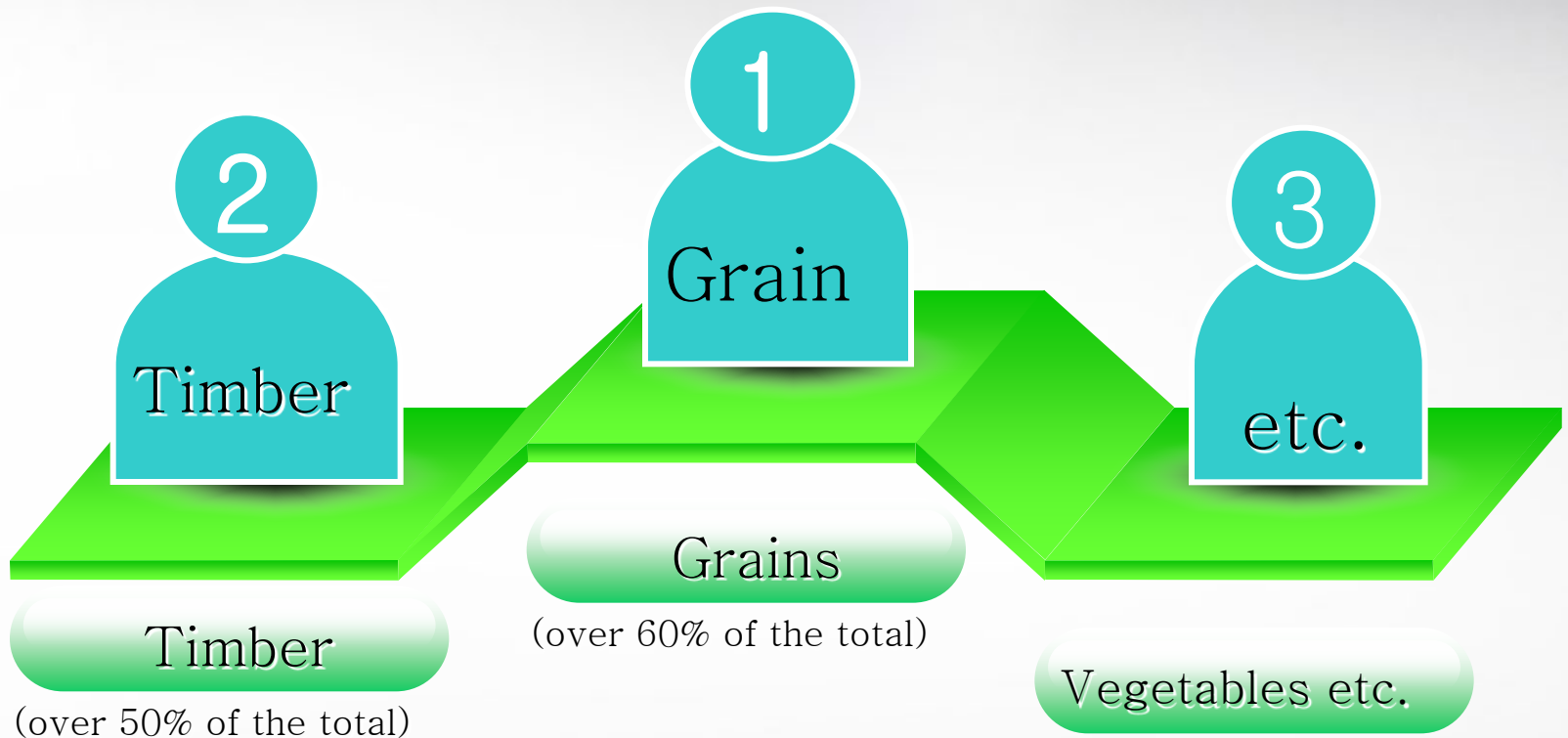


About Incheon port

Major import products of Jungbu regional office



Products Imported to Incheon port



Inner harbor



About incheon port

History and characteristics

- Opened to trade in 1883
- Second largest port in Korea
- Enclosed dock was built since 1911 to cover the tide
- Main port of Seoul metropolitan area → contribute to economic growth

Introduction

Current state

- **99 berth:** Divided into inner port and outer port
 - Inner port: 8 piers, 48 berths
 - Outer port: South port, North port, Coastal port etc. have 51 berths
- **A lock gate:** two lock gates
 - Allow 50,000 DWT ship and 10,000 DWT ship
- **Amount of Cargo throughput**
(included import and export, transshipment, etc.)
 - Handle 13% of total supply in Korea(74,758,705 ton)



International ferries

● International ferries linking China

- No.1 international passenger terminal: **6 ferries, 16 sailings a week**
(Dandong, Yantai, Dalian, Shidao, Yingkou, Qinnhuangdao)
- No.2 international passenger terminal : **4 ferries, 10 sailings a week**
(Weihai, Qingdao, Tianjin, Lyanyun)

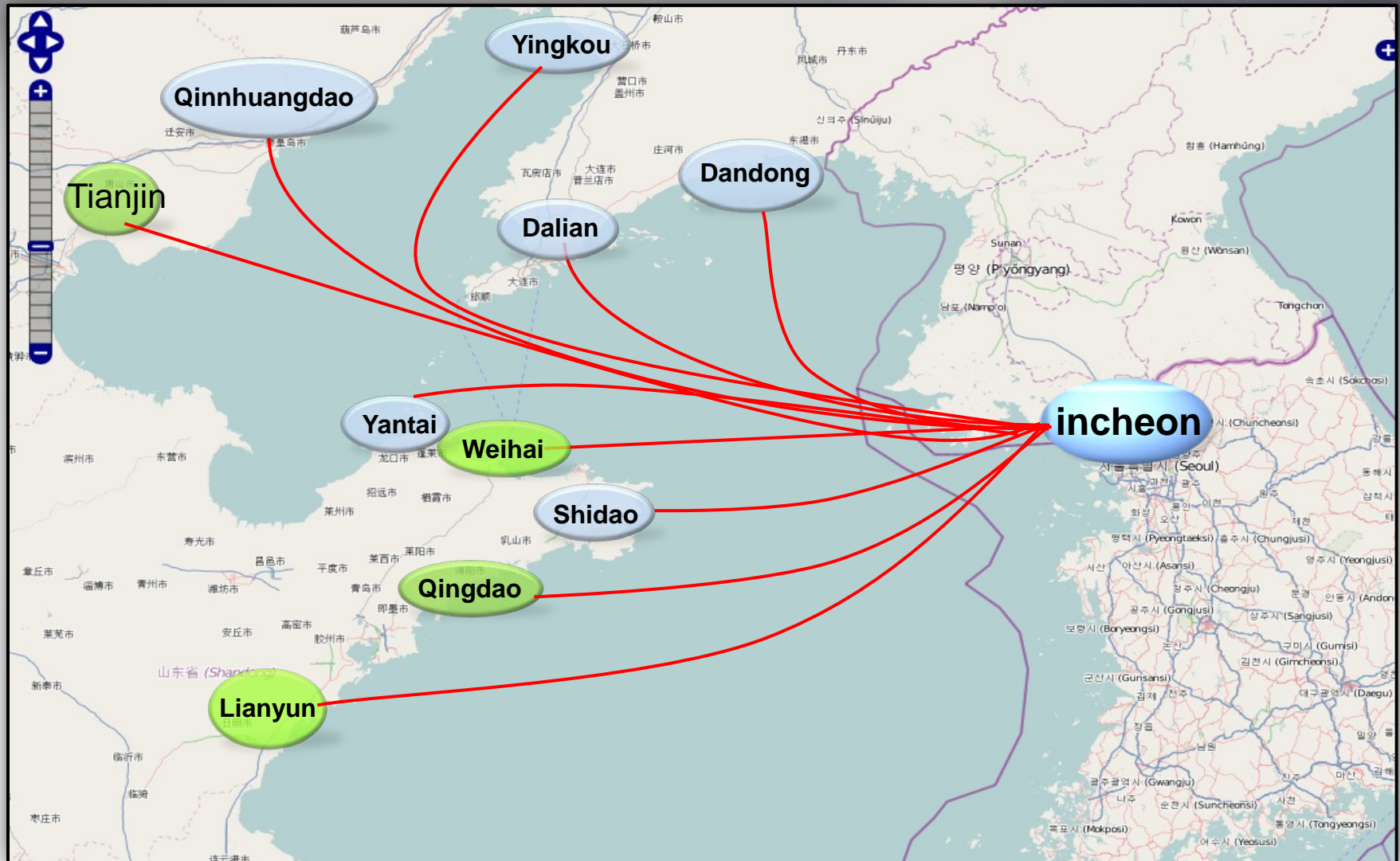


No.1 international passenger terminal



HUADONG FERRY

The course of international ferry



Present condition of silo



	Daehan	Korea express	Sunkwang	Hanjin	TBT
Berthing facilities	- 7 berth(72,73) - berth 2 of 55,000 ton ships simultaneously	- 4,5 berth - Berth 1 of 60,000 ton ship is possible	- 5,6 berth - over 55,000 ton ship can berth	- 4 berth - 55,000 ton ship can berth	-7 berth (70,71) - berth 2 of 55,000 ton ships simultaneously
Cargo handling capacity	1,550 ton/hr	1,200 ton/hr	1,100 ton/hr	1,200 ton/hr	1,860 ton/hr



The annual storage capacity of five silos: 9.5million ton(daehan:3mil, hanjin:2mil, sunkwang 1.8mil, TBT 1.5mil,korea express 1.2mil)



The provisional storage capacity: 0.93million ton

Any Questions about Quarantine and Inspection



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Thank you