

## **SUPER JUNIOR TEAM**





Dinh Thi Thu Ha

Cao Tho Tuan Minh







Nguyen Quang Ha

Phan Thi Hoai

Nguyen Huy Tung



Supervisor: Mrs. Cung Thi Anh Ngoc



## Introduction



Literature review





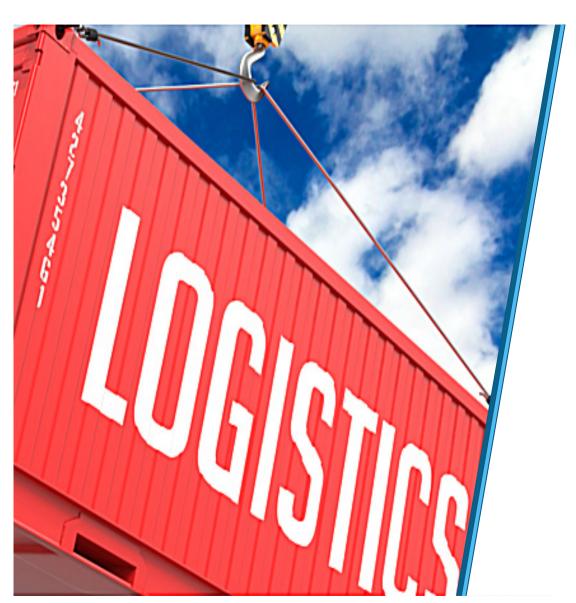
Methodology



Finding & analysis



Recommendations & conclusion

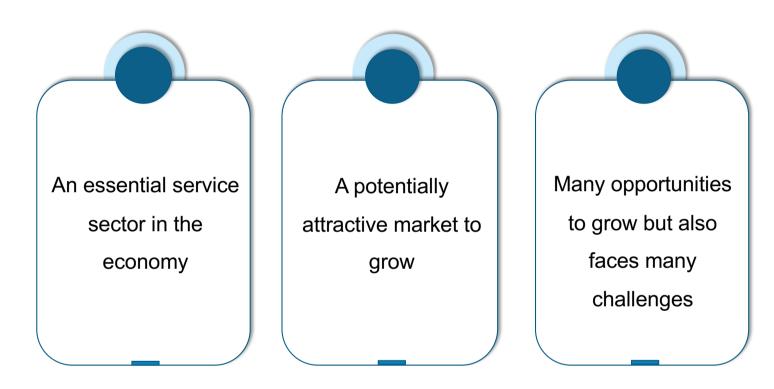


# **CHAPTER 1**

## **INTRODUCTION**

- 1.1. Background
- 1.2. Research objectives
- 1.3. Research question
- 1.4. Research scope & methods

## **BACKGROUND**



The topic: "An analysis of factors affecting the development of logistics services in import-export activities in Vietnam"

## **RESEARCH OBJECTIVES**



**Objective 1:** Determine the theories of logistics in general and logistics in import-export activities in particular



**Objective 2:** Overview the situation of the logistics services in import-export activities in Vietnam (from 2014 to now)



**Objective 3:** Identify the critical factors and evaluate the impact of them on the development of Vietnam's logistics services in import-export activities



**Objective 4:** Propose recommendations to improve the development of logistics services in import-export activities

## **RESEARCH QUESTIONS**

01

**Question 1:** What is logistics in general, and logistics services for import-export activities in particular?

02

**Question 2:** What is the situation of the logistics services for import-export activities in Vietnam from 2014 to 2020?

03

**Question 3:** Which factors affect the development of the logistics services for import-export activities in Vietnam during the past years? How do these factors impact on the development of this industry?

04

**Question 4:** What are the most suitable recommendations for Vietnam to improve the development of logistics services for import-export activities?

## **RESEARCH SCOPE & METHODS**

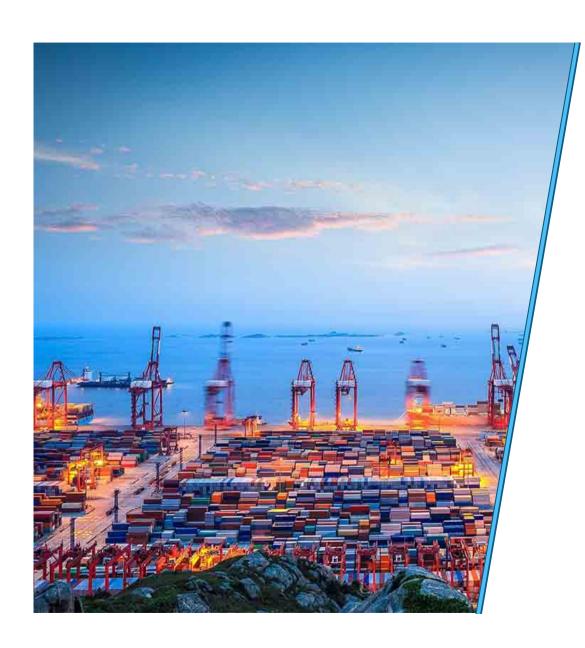


## Scope

Logistics services in Vietnam which serve import-export activities (2014 – 2020)



Both primary and secondary methods



# **CHAPTER 2**

## LITERATURE REVIEW

- 2.1. Definition of logistics services
- 2.2. Logistics services provider classification
- 2.3. Logistics services in import/export
- 2.4. Literature gap
- 2.5. Conceptual research model

## **DEFINITION OF LOGISTICS SERVICES**

"Logistic services are commercial activities whereby traders organize the performance of one or many jobs including reception, transportation, warehousing, yard storage of cargoes, completion of customs procedures and other formalities and paperwork, provision of consultancy to customers, services of packaging, marking, delivery of goods, or other services related to goods according to agreements with customers in order to enjoy service charges."

- Vietnam Commercial Law (2005)

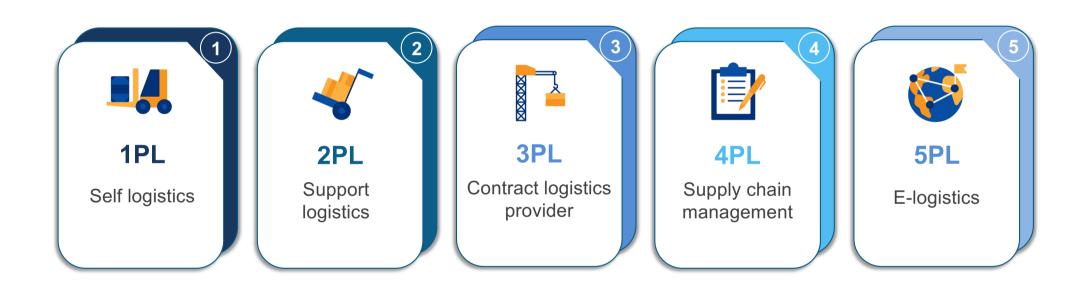
## **LOGISTICS SERVICES CLASSIFICATION**

## **Classification by process**

- Inbound logistics: Refer to the influx of raw materials from suppliers to manufacturing facilities.
- Outbound logistics: Involve the flow of finished products from a company to its customers or end users
- Reverse logistics: Relate to the reuse of products and materials

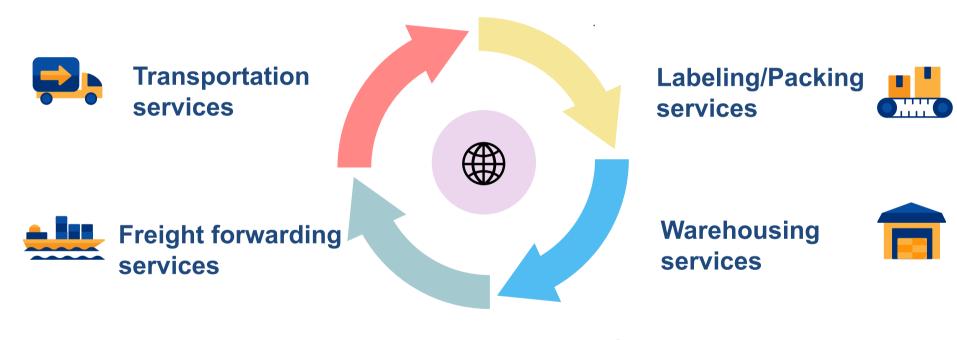
## **LOGISTICS SERVICES CLASSIFICATION**

## **Classification by the form of logistics**



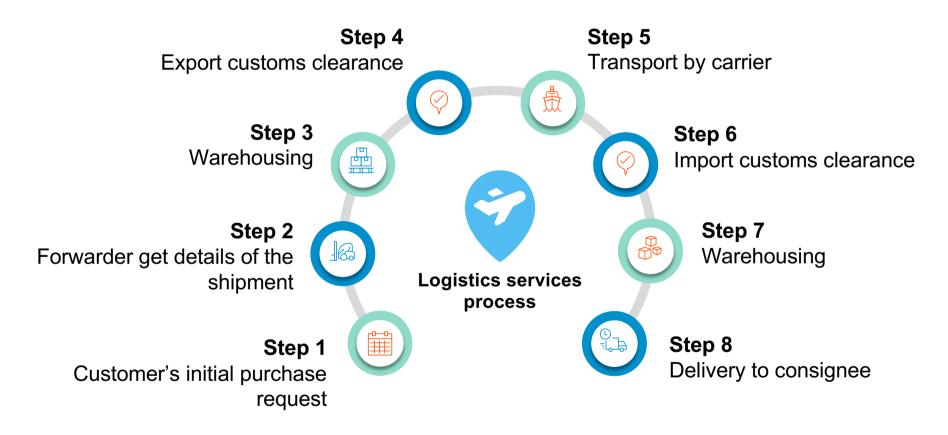
## **LOGISTICS SERVICES IN IMPORT - EXPORT**

## **Main logistics services**





## **LOGISTICS SERVICES PROCESS**



## **PREVIOUS RESEARCH**

| Research                   | Foreign  | Domestics  |  |
|----------------------------|--|--|--|
| Authors                    | Zheng Yanchao (2010)<br>Ming Xiong (2010)<br>Ming Juan Ding (2011)<br>Akhavan et al (2020) | Ngoc Hoai Nam (2009)<br>Ly Truong (2016)<br>Le Trong Nghia( 2016)<br>Doan Van Tao (2019) |  |
| Methods                    | Mostly qualitative method  |  |  |
| Influence level of factors | Technology, infrastructure, legal and policy system have different levels of influence     | Technology, infrastructure and legal and policy systems are the most influential factors |  |

## **LITERATURE GAP**



### **Out-of-date**

All the research about logistics services in import-export was made before 2020



## Lack credibility

Most of research are use qualitative research methods



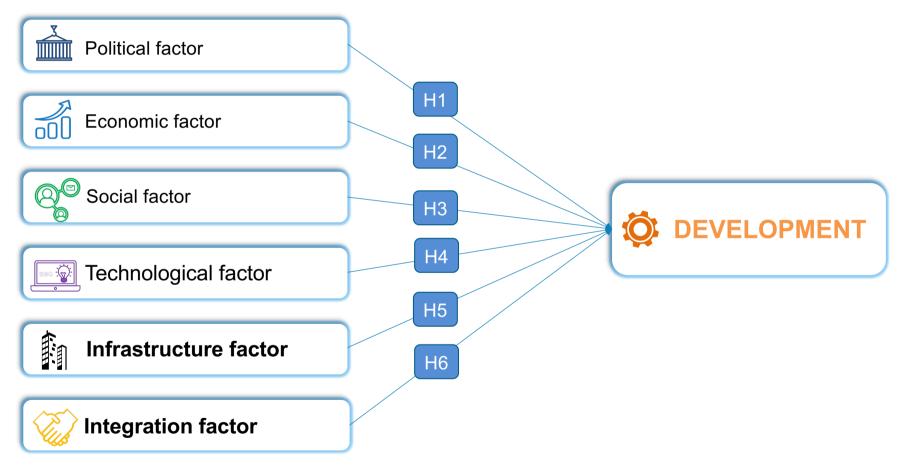
### Narrow research scope

Some research scope concentrated on a city or a specific place

## **PEST MODEL (Francis J. Aguilar, 1967)**



## = PROPOSED RESEARCH MODEL



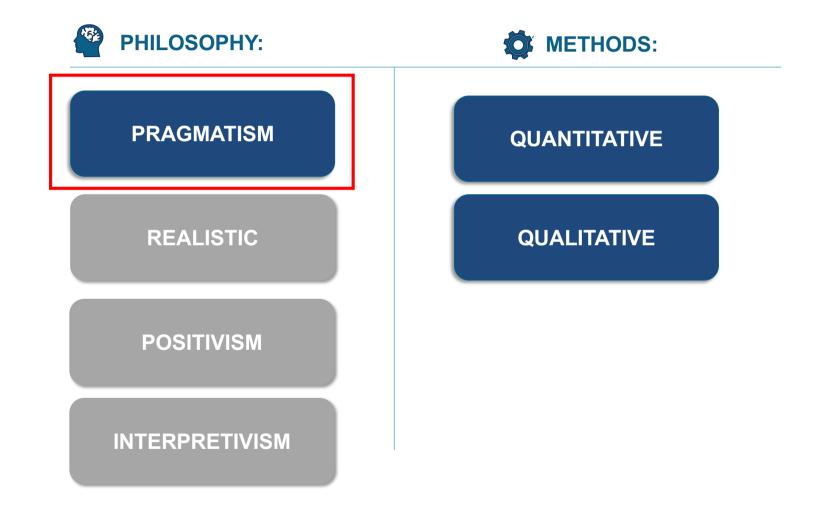


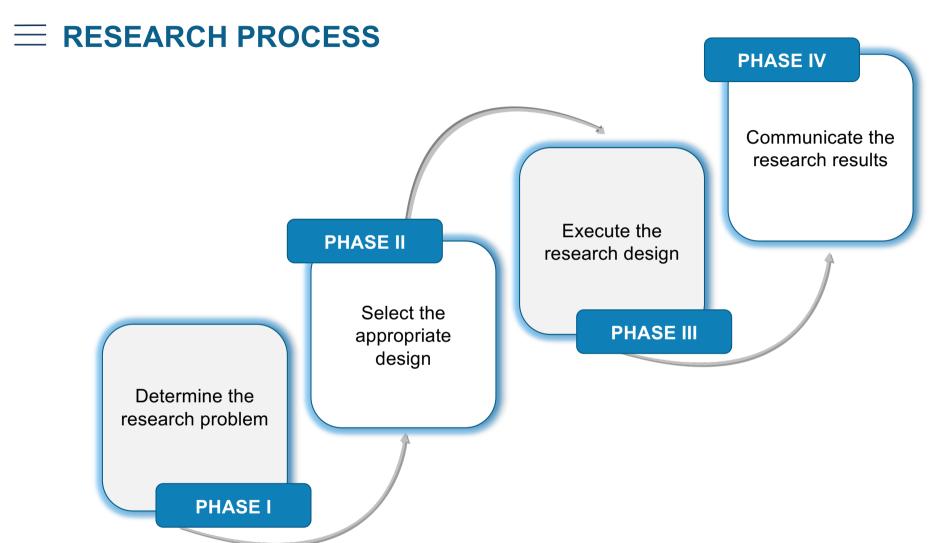
# **CHAPTER 3**

## **METHODOLOGY**

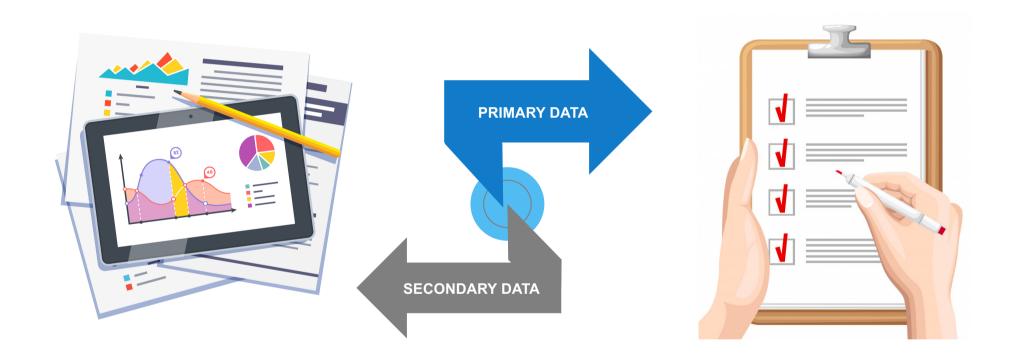
- 3.1. Introduction
- 3.2. Data source
- 3.3. Data collection method
- 3.4. Data analysis method

## **RESEARCH PHILOSOPHY & METHODS**





## **■ DATA SOURCE**



## = PRELIMINARY RESEARCH







**Respondents:** 9 senior representatives in logistics industry



**Objectives:** to discuss different factors and related issues in each factors, then to make the proposed research model more suitable and practical



Collecting process: online and offline interview



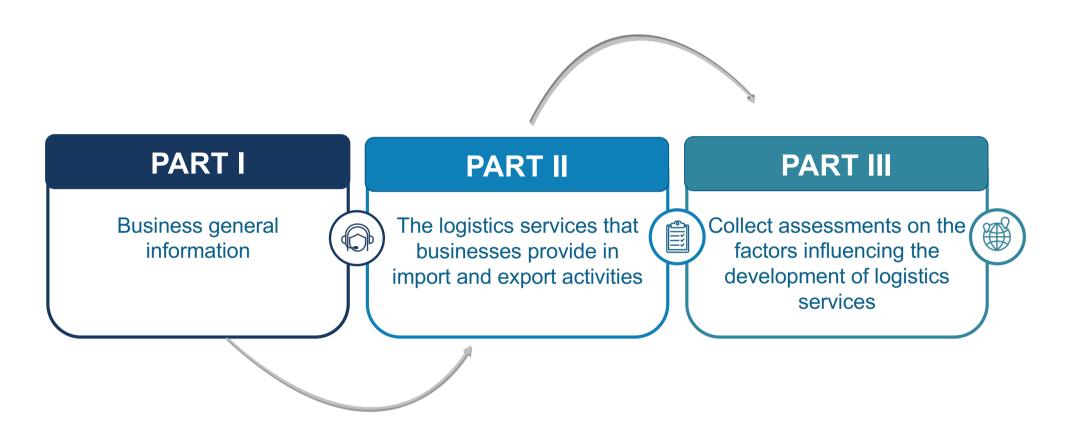
RESULT: - "Social" factor "I



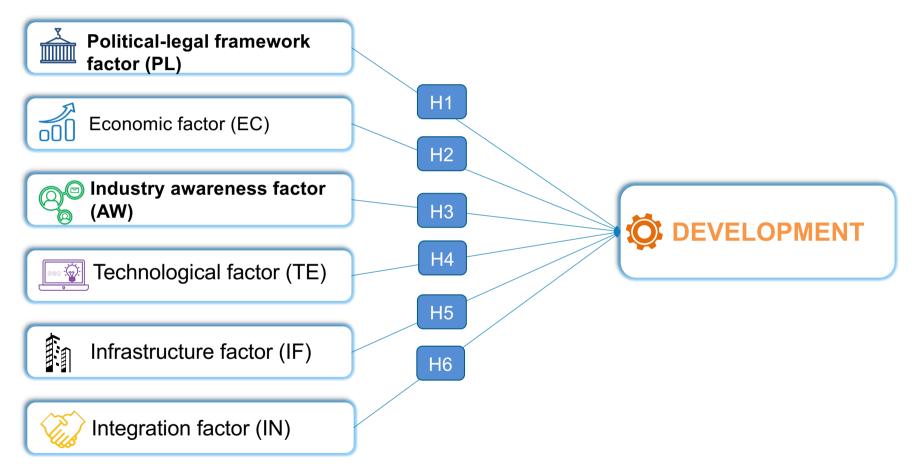
- "Political" factor "Political-legal framework" factor

- Other factors are confirmed

## **DESIGNING QUESTIONAIRE**



## **OFFICIAL RESEARCH MODEL.**



## **≡** SAMPLING







## **SAMPLING SIZE**

- Nonprobability sampling
- Nominal scale
- Interval scale

- At least 5 responses per 1 observed variable
- The minimum size of 135 responses
- 472 questionnaires were given

## **DATA COLLECTION**

• Type of survey: Online survey



- Number of respondents expected: 135 units
- Respondents: Enterprises providing logistics services in Vietnam

- Logistics enterprises' information from vla.com.vn.
- Online survey are created by Google Forms.
- Customer's answers can be anonymous.



## **DATA ANALYSIS METHOD**

### **Descriptive analysis**

Descriptive analysis is the analysis of data collected between valid or non valid answers through the mean, percentage, mode and variance of variables

## Reliability analysis

| Cronbach's Alpha       | Internal consistency |  |
|------------------------|----------------------|--|
| <b>α</b> ≥ 0.98        | excellent            |  |
| $0.9 > \alpha \ge 0.8$ | good                 |  |
| $0.8 > \alpha \ge 0.7$ | acceptable           |  |
| 0.7 > α ≥ 0.6          | questionable         |  |
| 0.6 > α ≥ 0.5          | poor                 |  |
| 0.5 > α                | unacceptable         |  |

## **DATA ANALYSIS METHODS cont.**

## **Exploratory factor analysis**

The sampling adequacy of factor analysis is based on Kaiser-Meyer-Olkin (KMO) Measure.

- 0.5 < KMO value < 1.0
- more appropriate

- Sig. < 0.5
- 0.5 > KMO value
- may not be appropriate

• Sig. > 0.5

## **Correlation analysis**

The Pearson correlation coefficient (r) measures the dree of correlation between the two variables.

r < 0 Negative correlation between the two variables

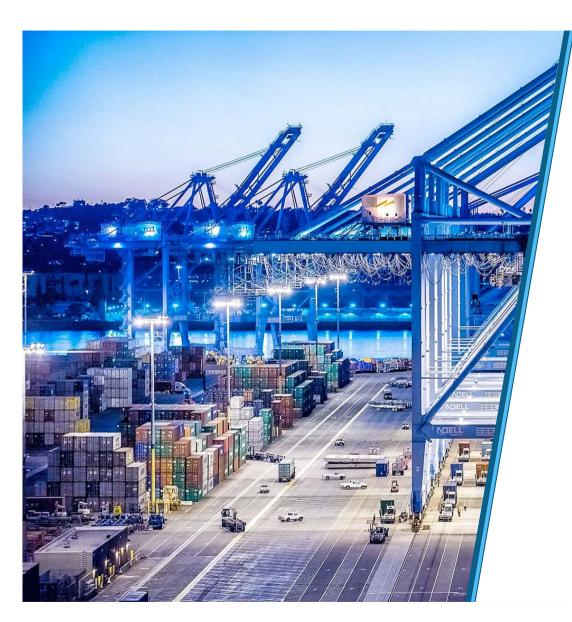
r > 0 Positive correlation between the two variables

r = 0 No correlation

## **DATA ANALYSIS METHOD cont.**

**Regression analysis** 

Regression analysis is a modelling technique for analyzing the relationship between dependent variables and independent variables.

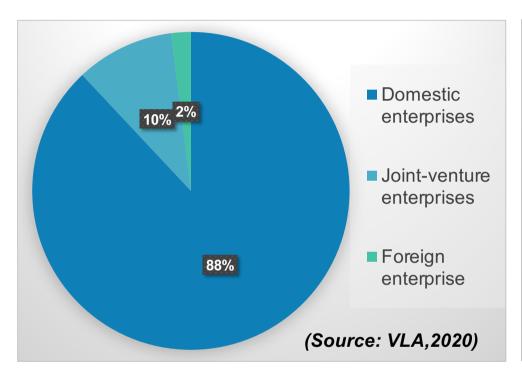


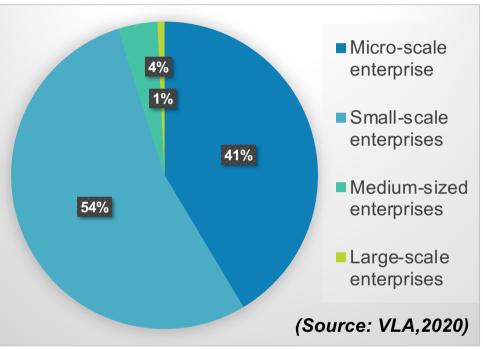
# **CHAPTER 4**

## **FINDING & ANALYSIS**

- 4.1. Overview of logistics services in import-export activities (2014-2020)
- 4.2. Factors influence logistics services in import-export activities in Vietnam
- 4.3. Achievements & limitations

## **OVERVIEW OF LOGISTICS SERVICES IN VIETNAM**





Type of logistics enterprises

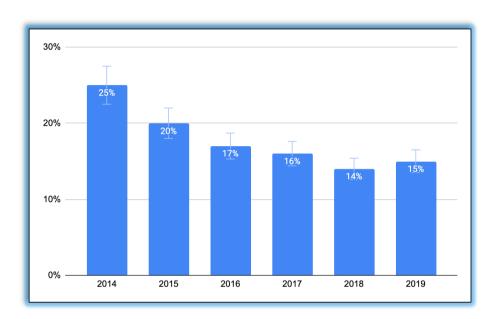
Number & size of domestic logistics enterprises

## **■ OVERVIEW OF LOGISTICS SERVICES cont.**

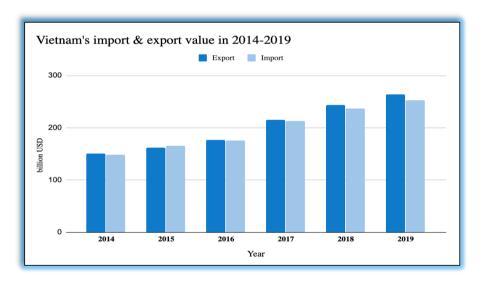
## **Vietnamese Logistics Provider Index**

| Year | Rank<br>LPI | Clearance<br>process | Infrastructure | International<br>shipments | Logistics<br>Competence<br>& Quality | Tracking&<br>Tracing | Timeliness |
|------|-------------|----------------------|----------------|----------------------------|--------------------------------------|----------------------|------------|
| 2014 | 48          | 3.15                 | 2.81           | 3.22                       | 3.09                                 | 3.19                 | 3.49       |
| 2016 | 64          | 2.98                 | 2.75           | 3.12                       | 2.88                                 | 2.84                 | 3.5        |
| 2018 | 39          | 3.27                 | 2.95           | 3.16                       | 3.4                                  | 3.45                 | 3.67       |

(Source: World Bank, 2018)



The growth rate of the logistics services industry (VLA,2019)



Vietnam's import and export value in 2014-2019 (General Statistics Office, 2019)

## **LOGISTICS MAIN SERVICES PROVIDED**



- Main service being provided by logistics services providers
- Efficiency increase 15-20% thanks to advanced technologies



**TRANSPORTATION** 

| Model    | Volumes (million tons) in 2019 | Average growth rate<br>(%) in 2019 |
|----------|--------------------------------|------------------------------------|
|          | 1293                           | (+) 110                            |
|          | 385.4                          | (+) 109.2                          |
|          | 5.2                            | (-) 27                             |
| <u>~</u> | 0.45                           | (+) 6.7                            |

## **LOGISTICS MAIN SERVICES PROVIDED cont.**



#### LABELING/PACKAGING

 Vietnamese enterprises cannot fully exploit this whole market



#### **WAREHOUSING**

- 3,000,000 m² (Vietnam)
- 675,000 m² (Saigon)
- CAGR of 13.4%



#### **CUSTOMS CLEARANCE**

- 87.8% of logistics companies provide customs declaration services
- 914 customs brokers and 1,450 certificated customs employees

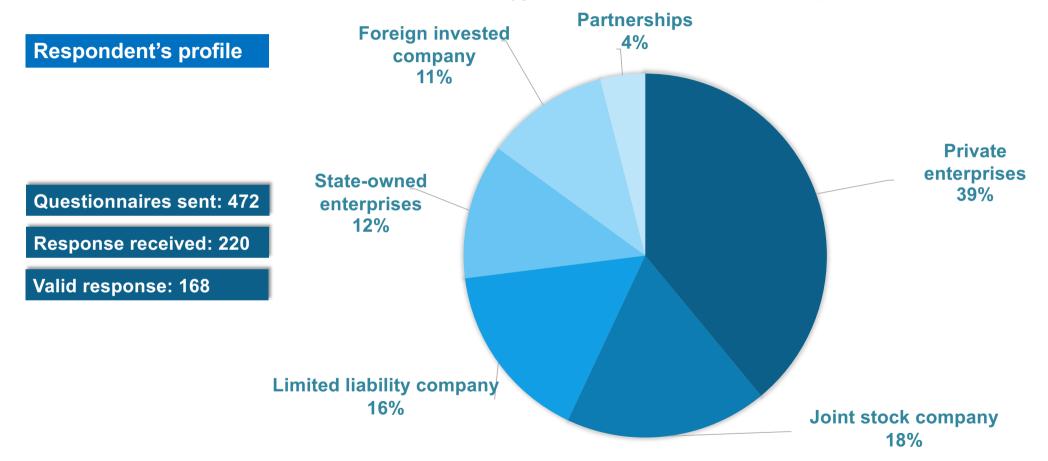


#### **CONSULTING SERVICES**

- Help businesses avoid unnecessary risks
- Prepare documents for logistics enterprises

#### **SURVEY ANALYSIS**

#### **% TYPE OF ENTERPRISES**



Source: Survey result

37/64

# **≡** SURVEY ANALYSIS cont.

## Descriptive analysis

| Variablesz |
|------------|
| PL1        |
| PL2        |
| PL3        |
| PL4        |
| EC1        |
| EC2        |
| EC3        |
| EC4        |
| AW1        |
| AW2        |
| AW3        |
| AW4        |

| Mean |
|------|
| 4.01 |
| 3.95 |
| 4.14 |
| 4.10 |
| 3.97 |
| 3.93 |
| 3.99 |
| 4.02 |
| 4.09 |
| 4.11 |
| 4.24 |
| 4.12 |

| TE1 |
|-----|
| TE2 |
| TE3 |
| TE4 |
| IN1 |
| IN2 |
| IN3 |
| IN4 |
| IF1 |
| IF2 |
| IF3 |
| IF4 |
| DE1 |
| DE2 |
| DE3 |

| 4.04 |
|------|
| 3.97 |
| 4.12 |
| 3.54 |
| 4.14 |
| 4.07 |
| 4.10 |
| 4.20 |
| 3.77 |
| 4.11 |
| 4.02 |
| 3.83 |
| 3.72 |
| 3.94 |
| 4.13 |
|      |

# **■ SURVEY ANALYSIS cont.**

## Reliability analysis

| Development         |            |  |
|---------------------|------------|--|
| Cronbach's<br>alpha | N of items |  |
| .679                | 3          |  |

| Political – legal framework |            |  |
|-----------------------------|------------|--|
| Cronbach's alpha            | N of items |  |
| .890                        | 4          |  |

| Technological    |            |  |
|------------------|------------|--|
| Cronbach's alpha | N of items |  |
| .798             | 4          |  |

| Economic         |            |  |
|------------------|------------|--|
| Cronbach's alpha | N of items |  |
| .862             | 3          |  |

| Industry awareness |            |  |
|--------------------|------------|--|
| Cronbach's alpha   | N of items |  |
| .850               | 4          |  |

| Infrastructure   |            |  |
|------------------|------------|--|
| Cronbach's alpha | N of items |  |
| .890             | 4          |  |

| Integration      |            |  |
|------------------|------------|--|
| Cronbach's alpha | N of items |  |
| .818             | 4          |  |

## **SURVEY ANALYSIS cont.**

## Reliability analysis

## First attempted

| Variables               | Corrected Item-<br>Total<br>Correlation | Cronbach's<br>Alpha if Item<br>Deleted |
|-------------------------|---|--|
| Economic factor         |   |  |
| Cronbach's alpha = .775 |   |  |
| EC1                     | 0.681                                   | 0.633                                  |
| EC2                     | 0.759                                   | 0.613                                  |
| EC3                     | 0.709                                   | 0.647                                  |
| EC4                     | 0.195                                   | 0.862                                  |

## **Second attempted**

| Variables | Corrected Item-<br>Total<br>Correlation | Cronbach's<br>Alpha if Item<br>Deleted |
|-----------|---|--|
|           | Economic factor                         |  |
| Cror      | nbach's alpha = .86                     | 62                                     |
| EC1       | 0.709                                   | 0.833                                  |
| EC2       | 0.787                                   | 0.759                                  |
| EC3       | 0.720                                   | 0.822                                  |

**Removed EC4** 

**Accepted** 

# **SURVEY ANALYSIS cont.**

# Exploratory factor analysis

| KMO and Bartlett's Test |  |                  |                 |                                     |                  |                 |  |  |  |
|-------------------------|--|------------------|-----------------|-------------------------------------|------------------|-----------------|--|--|--|
| Kaiser-M                | Kaiser-Meyer-Olkin Measure of Sampling Adequacy .849 |                  |                 |                                     |                  |                 |  |  |  |
| Baı                     | rtlett's Test  | Sig.             | 0               | 00                                  |                  |                 |  |  |  |
| Initial Eigenvalues     |  |                  |                 | Extraction Sums of Squared Loadings |                  |                 |  |  |  |
| Component               | Total  | % of<br>Variance | Cumulative<br>% | Total                               | % of<br>Variance | Cumulative<br>% |  |  |  |
| 1                       | 7.528  | 32.731           | 32.731          | 7.528                               | 32.731           | 32.731          |  |  |  |
| 2                       | 2.746  | 11.941           | 44.672          | 2.746                               | 11.941           | 44.672          |  |  |  |
| 3                       | 2.003  | 8.708            | 53.38           | 2.003                               | 8.708            | 53.38           |  |  |  |
| 4                       | 1.691  | 7.351            | 60.73           | 1.691                               | 7.351            | 60.73           |  |  |  |
| 5                       | 1.227  | 5.334            | 66.064          | 1.227                               | 5.334            | 66.064          |  |  |  |
| 6                       | 0.916  | 3.984            | 70.048          |                                     |                  |                 |  |  |  |
| 7                       | 0.786  | 3.417            | 73.464          |                                     |                  |                 |  |  |  |

|     | Component |      |      |      |      |  |  |  |  |
|-----|-----------|------|------|------|------|--|--|--|--|
|     | 1         | 2    | 3    | 4    | 5    |  |  |  |  |
| PL1 |           | .828 |      |      |      |  |  |  |  |
| PL2 |           | .793 |      |      |      |  |  |  |  |
| PL3 |           | .845 |      |      |      |  |  |  |  |
| PL4 |           | .806 |      |      |      |  |  |  |  |
| TE1 |           |      |      |      | .717 |  |  |  |  |
| TE2 |           |      |      |      | .737 |  |  |  |  |
| TE3 |           |      |      |      | .786 |  |  |  |  |
| TE4 |           |      |      |      | .694 |  |  |  |  |
| IN1 | .767      |      |      |      |      |  |  |  |  |
| IN2 | .787      |      |      |      |      |  |  |  |  |
| IN3 | .651      |      |      |      |      |  |  |  |  |
| IN4 | .778      |      |      |      |      |  |  |  |  |
| EC1 | .690      |      |      |      |      |  |  |  |  |
| EC2 | .756      |      |      |      |      |  |  |  |  |
| EC3 | .647      |      |      |      |      |  |  |  |  |
| AW1 |           |      |      | .736 |      |  |  |  |  |
| AW2 |           |      |      | .807 |      |  |  |  |  |
| AW3 |           |      |      | .673 |      |  |  |  |  |
| AW4 |           |      |      | .829 |      |  |  |  |  |
| IF1 |           |      | .723 |      |      |  |  |  |  |
| IF2 |           |      | .674 |      |      |  |  |  |  |
| IF3 |           |      | .764 |      |      |  |  |  |  |
| IF4 |           |      | .667 |      |      |  |  |  |  |

# **■ SURVEY ANALYSIS cont.**

## Exploratory factor analysis

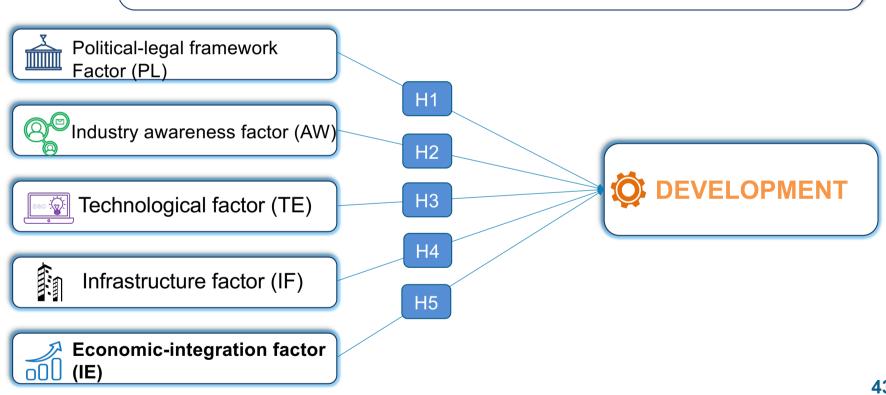
|     | Component |
|-----|-----------|
|     | 1         |
| DE1 | .735      |
| DE2 | .841      |
| DE3 | .774      |

| KMO and Bartlett's Test                              |  |                  |                 |                                     |               |              |  |  |  |
|--|--|------------------|-----------------|-------------------------------------|---------------|--------------|--|--|--|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy .638 |  |                  |                 |                                     |               |              |  |  |  |
|  | Bartlett's Test of Sphericity Sig. 000 |                  |                 |                                     |               |              |  |  |  |
| Component  |  | Initial Eigenva  | lues            | Extraction Sums of Squared Loadings |               |              |  |  |  |
| Component  | Total                                  | % of<br>Variance | Cumulative<br>% | Total                               | % of Variance | Cumulative % |  |  |  |
| 1  | 1.847                                  | 61.559           | 61.559          | 1.847                               | 61.559        | 61.559       |  |  |  |
| 2  | .682                                   | 22.749           | 84.308          |                                     |               |              |  |  |  |
| 3  | .471                                   | 15.692           | 100.000         |                                     |               |              |  |  |  |

#### **NEW RESEARCH MODEL**



After EFA analysis, the two factors of Integration and economic have combined to form a new factor. The authors decided to accept this factor and named it Economic-integration (IE)



# **≡** SURVEY ANALYSIS cont.

## **Correlation analysis**

|    |                     | PL     | TE     | AW     | IF     | IE     | DE     |
|----|---------------------|--------|--------|--------|--------|--------|--------|
| PL | Pearson Correlation | 1      | .412** | .496** | .336** | .258** | .552** |
|    | Sig. (2-tailed)     |        | .000   | .000   | .000   | .001   | .000   |
|    | N                   | 168    | 168    | 168    | 168    | 168    | 168    |
|    | Pearson Correlation | .412** | 1      | .337** | .456** | .366** | .642** |
| TE | Sig. (2-tailed)     | .000   |        | .000   | .000   | .000   | .000   |
|    | N                   | 168    | 168    | 168    | 168    | 168    | 168    |
|    | Pearson Correlation | .496** | .337** | 1      | .422** | .402** | .500** |
| AW | Sig. (2-tailed)     | .000   | .000   |        | .000   | .000   | .000   |
|    | N                   | 168    | 168    | 168    | 168    | 168    | 168    |
|    | Pearson Correlation | .336** | .456** | .422** | 1      | .359** | .564** |
| IF | Sig. (2-tailed)     | .000   | .000   | .000   |        | .000   | .000   |
|    | N                   | 168    | 168    | 168    | 168    | 168    | 168    |
|    | Pearson Correlation | .258** | .366** | .402** | .359** | 1      | .470** |
| ΙΕ | Sig. (2-tailed)     | .001   | .000   | .000   | .000   |        | .000   |
|    | N                   | 168    | 168    | 168    | 168    | 168    | 168    |
|    | Pearson Correlation | .552** | .642** | .500** | .564** | .470** | 1      |
| DE | Sig. (2-tailed)     | .000   | .000   | .000   | .000   | .000   |        |
|    | N                   | 168    | 168    | 168    | 168    | 168    | 168    |

<sup>\*\*.</sup> Correlation is significant at the 0.01 level (2-tailed).

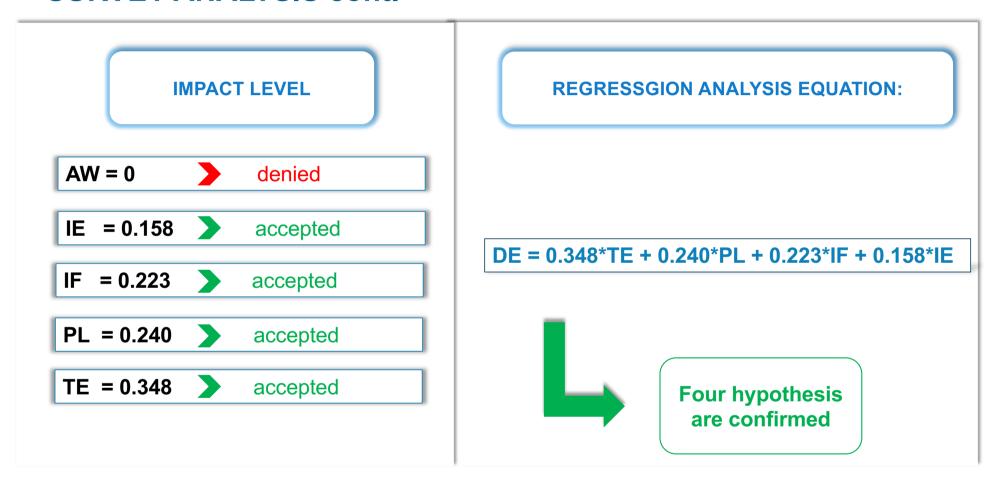
# **SURVEY ANALYSIS cont.**

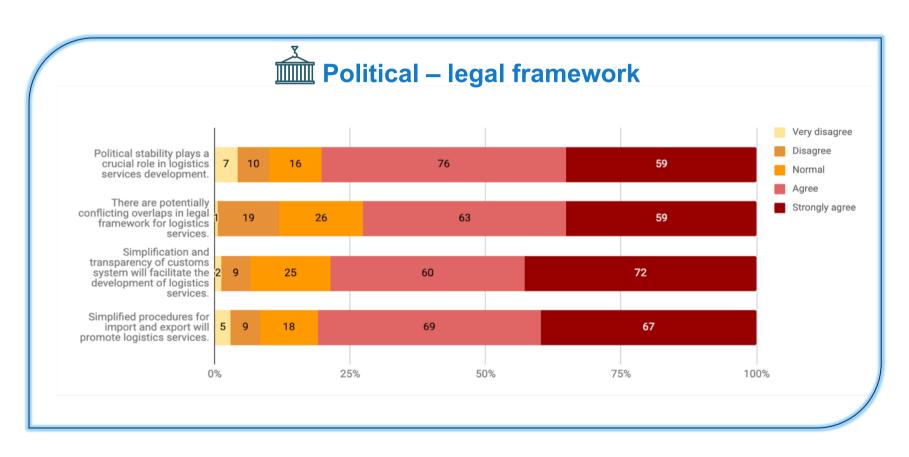
| Model Summary <sup>♭</sup>                    |  |      |      |        |       |  |  |  |  |  |
|---|--|------|------|--------|-------|--|--|--|--|--|
| Model   | Model R R Square Adjusted R Std. Error of Urbin-<br>Square the Estimate Watson |      |      |        |       |  |  |  |  |  |
| 1   | .780a  | .609 | .597 | .40912 | 1.241 |  |  |  |  |  |
| a. Predictors: (Constant), IE, PL, IF, TE, AW |  |      |      |        |       |  |  |  |  |  |
| b. Depe                                       | b. Dependent Variable: DE  |      |      |        |       |  |  |  |  |  |

| ANOVA <sup>a</sup>        |                 |                   |      |                |        |                   |  |  |  |
|---------------------------|-----------------|-------------------|------|----------------|--------|-------------------|--|--|--|
| M                         | odel            | Sum of<br>Squares | Df   | Mean<br>Square | F      | Sig.              |  |  |  |
|                           | Regression      | 42.249            | 5    | 8.450          | 50.482 | .000 <sup>b</sup> |  |  |  |
| 1                         | Residual        | 27.116            | 162  | .167           |        |                   |  |  |  |
|                           | Total           | 69.365            | 167  |                |        |                   |  |  |  |
| a. Dependent Variable: DE |                 |                   |      |                |        |                   |  |  |  |
| b Predicto                | rs: (Constant). | IF PLIFT          | F AW |                |        |                   |  |  |  |

|       | Coefficients <sup>a</sup> |                             |            |                      |       |      |                         |       |  |
|-------|---------------------------|-----------------------------|------------|----------------------|-------|------|-------------------------|-------|--|
| Model |                           | Unstandardized Coefficients |            | Standardized         |       |      | Collinearity Statistics |       |  |
|       |                           | В                           | Std. Error | Coefficients<br>Beta | t     | Sig. |                         |       |  |
|       |                           |                             |            |                      |       |      | Tolerance               | VIF   |  |
|       | (Constant)                | (.100                       | .254       |                      | .396  | .693 |                         |       |  |
|       | PL                        | .179                        | .044       | .240                 | 4.035 | .000 | .684                    | 1.463 |  |
| 1     | TE                        | .319                        | .054       | .348                 | 5.864 | .000 | .685                    | 1.460 |  |
| '     | AW                        | .094                        | .055       | .106                 | 1.717 | .088 | .635                    | 1.574 |  |
|       | IF                        | .208                        | .055       | .223                 | 3.788 | .000 | .693                    | 1.442 |  |
|       | ΙE                        | .153                        | .054       | .158                 | 2.807 | .004 | .762                    | 1.312 |  |

## **SURVEY ANALYSIS cont.**





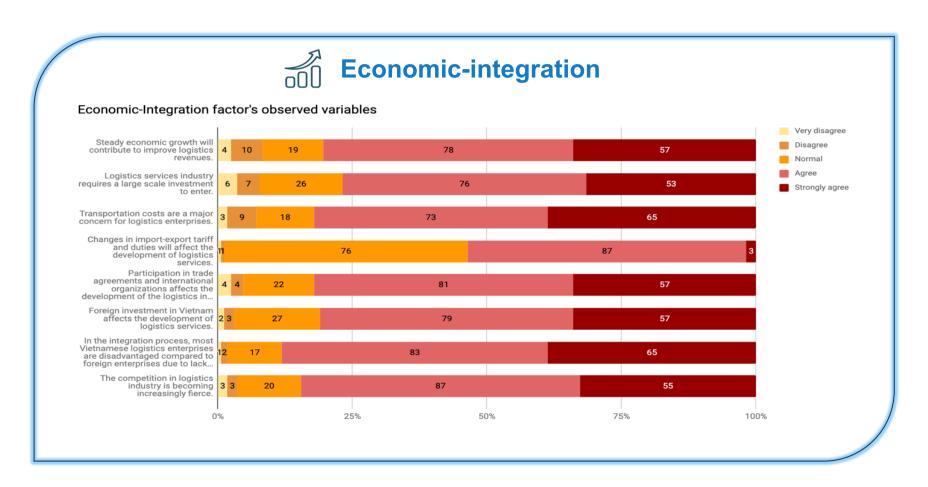


#### **Achievements**

- Ranked 83/128 on the safest countries
- Better policies and law to promote logistics services day by day
- Convenient policies in importexport and transparent customs system

#### Limitation

- The legal corridor for logistics services is overlapping and inappropriate
- The legal system regulating logistics activities is not synchronized

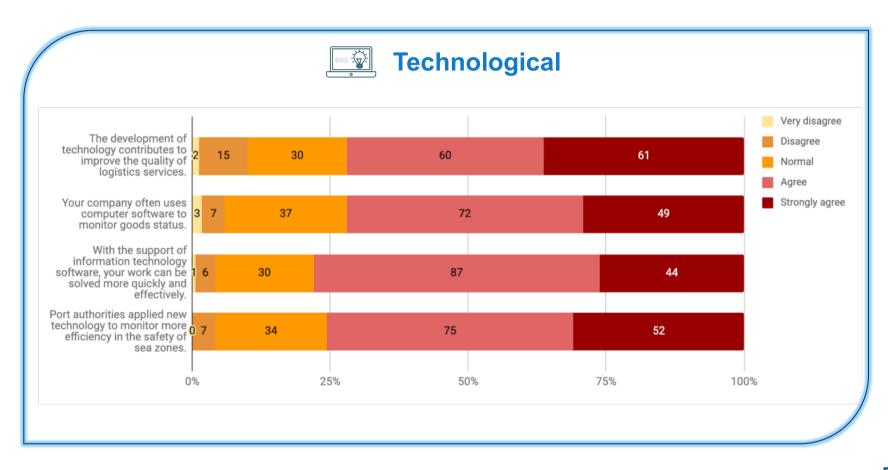


#### **Achievements**

- Highest growth rates in the region in 2019
- Signed FTAs with many major economies in the world such as EU, Japan, Korea, etc.
- Reduction in import-export tariff in integration progress with other countries

#### Limitations

- ⚠ Low scale of capital of logistics services business
- ⚠ High competition from foreign competitor
- High transportation cost

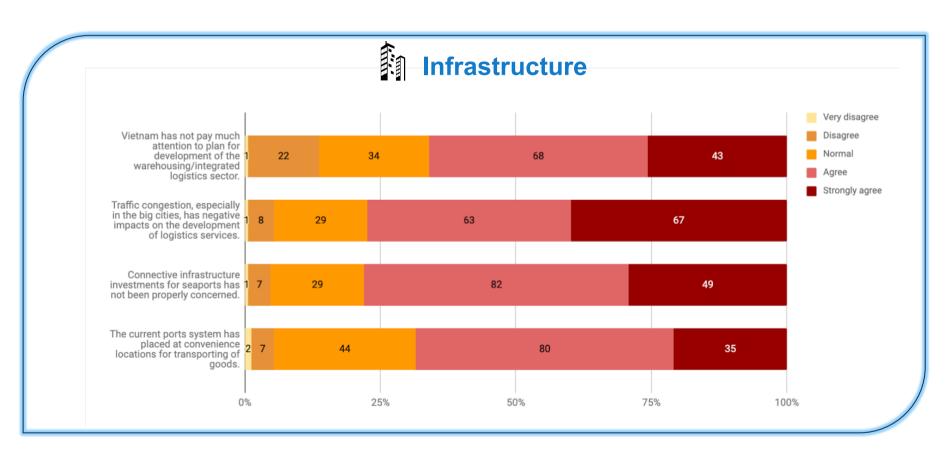


#### **Achievements**

- **4.0** technology revolution
- **88% of business have** qualify IT staff
- Application of Internet of Things

#### Limitations

- Cost of new technologies still large
- ⚠ Low on qualification IT staff





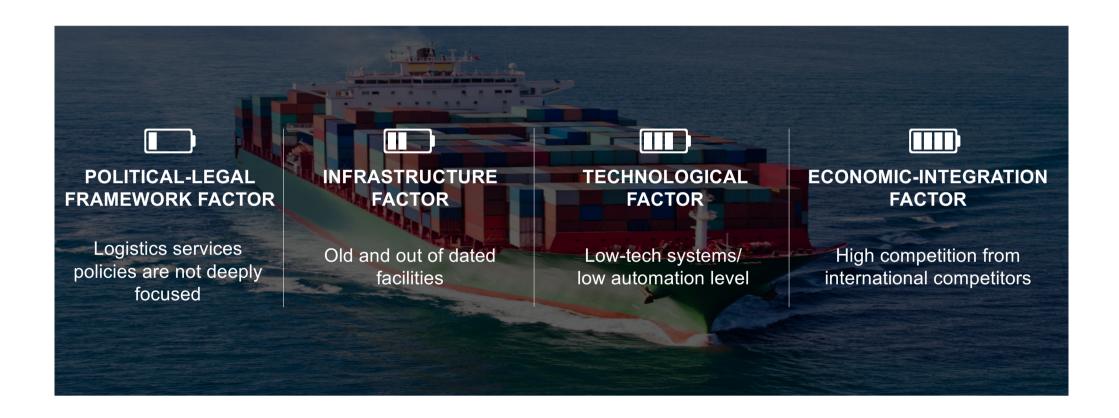
#### **Achievements**

- Has **281 ports** with a total capacity of over **550 million tons/year**
- Has **1,568 ships, rank fourth** in ASEAN, **30**<sup>th</sup> in the world
- Achieved an growth of 11% in air transport
- Has **297** stations with **3,143km** of railway

#### Limitations

- ⚠ Still weak and inconsistent
- The logistics warehouse construction is not complete and needs to be implemented

#### **SUMMARY OF MAIN LIMITATIONS**





# **CHAPTER 5**

# RECOMMENDATIONS & CONCLUSION

- 5.1. The Government's orientation in developing logistics services in Vietnam in the period 2020-2025
- 5.2. Solution & Recommendations
- 5.3. Limitations & Suggestion

#### **GOVERNMENT ORIENTATIONS 2020-2025**

## **Objectives**



**GDP** will reach 8% - 10%; **Growth rate** reach 15%-20%; **Proportion** of outsourcing reach 50%-60%; **Logistics costs** will reduce 16%-20% of GDP; **Ranked** at 50<sup>th</sup> or above by LPI



**Luring investments** and improving the **connection** between Vietnam and other countries



Forming leading logistics services enterprises



**Building** capable commercial business



**Promoting** the application of **technologies** and training professional personnel



Complementation of the **State management mechanism** must be **implemented** 

#### TECHNOLOGICAL FACTOR



Luring IT investment and setting up a specific strategy for IT development



Helping logistics enterprises in embracing digital transformation



Active in access advance technology and training skilled human resource

#### POLITICAL-LEGAL FRAMEWORK FACTOR



Review the national law, policies and legal instruments to avoid conflicts



Facilitate tax, free, charges and procedures for logistics services

#### **INFRASTRUCTURE FACTOR**



Build more expressways and transit hubs between production areas and ports



Improve and modernize railways facilities



Build modern cargo terminals with a large cargo handling capacity and a high degree of automation



Apply advaned technology to speed up the implementation of customs declaration procedures

#### **ECONOMIC – INTEGRATION FACTOR**



Take advantages from international commitments



Be prepared to compete directly with FDI firms



Break out of 2PL to become a full 3PL logistics services provider or even 5PL enterprises

#### OTHER RECOMMENDATIONS

01

Should be consistent with the strategy of diversifying the types of services provided to customers

02

Strengthen cooperation among logistics service enterprises

03

Participate in joint ventures and partnerships with foreign partners

## **LIMITATIONS & SUGGESTIONS FOR FURTHER RESEARCH**



The research period was limited



Logistics in import-export activities data was hard to collect



Information collection by distrubuting questionaire was hard to conduct

