

Investment report

**VIETNAM**

# **ELECTRONICS SUPPLY CHAIN**

8M/2022

*\*All data included in the Report has been updated up to August 31th 2022.*

*The projects images were supplied by NewCC, Pebsteel, Atad Steel and Dai Dung Corporation*



# CONTENTS

---

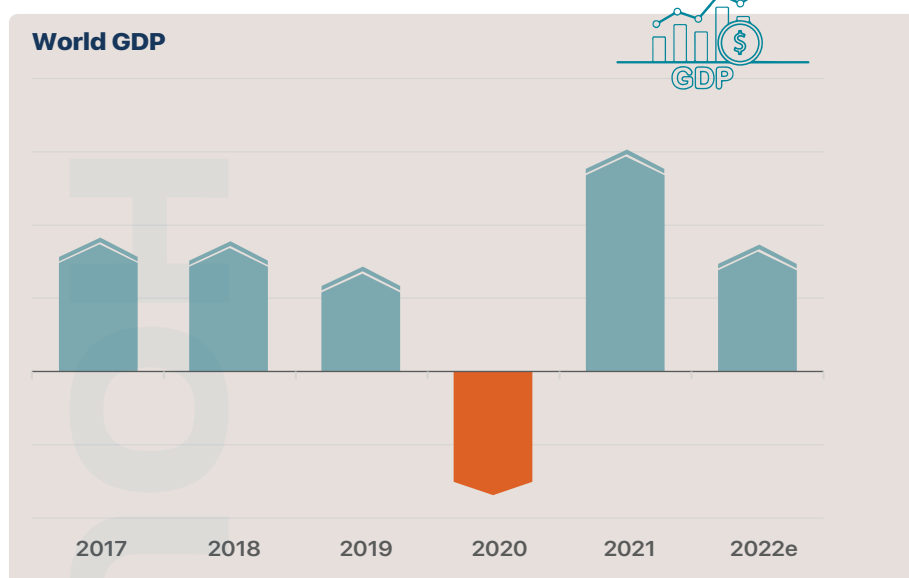
|  |           |
|--|-----------|
| <b>I. WORLD SOCIO-ECONOMIC OVERVIEW</b>  | <b>03</b> |
| Gross domestic product growth (GDP)  | 04        |
| World FDI inflows  | 04        |
| Production and import-export situation of the electronics industry                   | 04        |
| Other economic indicators  | 06        |
| <b>II. VIETNAM SOCIO-ECONOMIC OVERVIEW</b>   | <b>07</b> |
| Some key general economic indicators   | 08        |
| Import and export of electronics industry  | 08        |
| Other production indicators  | 10        |
| <b>III. FACTORS AFFECTING INVESTMENTS<br/>IN THE ELECTRONICS INDUSTRY IN VIETNAM</b> | <b>11</b> |
| Labor factor   | 12        |
| Policy factors   | 13        |
| <b>IV. SITUATION OF INVESTMENT PROJECTS<br/>IN THE ELECTRONICS INDUSTRY</b>          | <b>14</b> |
| Overview of investment situation in the electronics industry                         | 15        |
| Electronics industry investment supply chain in Vietnam                              | 21        |
| Infrastructure features of the industrial park attract electronics projects          | 25        |
| Potential electronic projects in the future  | 27        |
| Top outstanding projects under preparation   | 28        |



# I. WORLD SOCIO-ECONOMIC OVERVIEW

## 1. Gross domestic product growth (GDP)

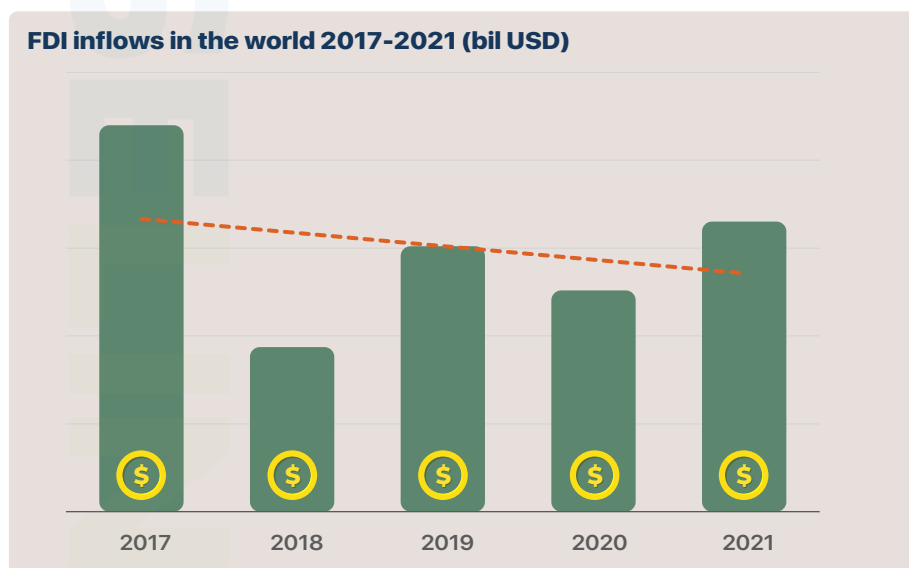
After 2021, world GDP record a strongly recover after the Covid-19 pandemic (5,8%) by stepping up the vaccination campaign, restore economic trade but in 2022, the world economic suffer many negative impacts from the military war between Russia – Ukraine led to fuel price and inflation raise. Besides, China’s policies of Covid-19 prevention measures as well as other geopolitical and economic conflicts, and supply chain bottlenecks have reduced GDP growth forecast in 2022 to 3,2% (according to World Bank).



Source: World Bank

## 2. World FDI inflows

World FDI is on a downward trend since 2017 till 2021. In 2021, global FDI inflows increase by 30% compared to 2020. However, in 2022, global FDI is predicted quite bleak compared to 2021 because of the uncertain from investors and risk from supply chain disruptions and raw material cost soar and other risks from political and economic conflict in the world. Global FDI this year is forecasted to be flat or lower than the number in 2021.

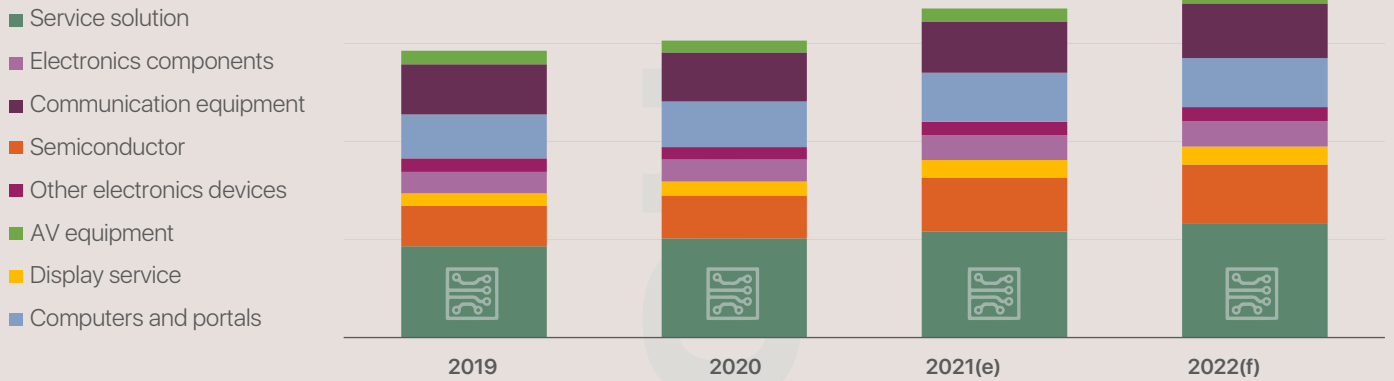


Source: World Bank

## 3. Production and import-export situation of the electronics industry

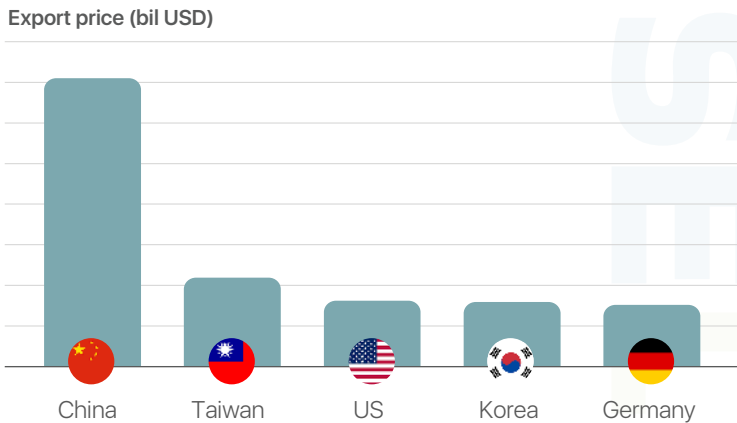
The electronics industry is one of the fastest growing and strongest industries in the world in recent years. With the diversity of products and services as well as the innovation of production technology, the electronics industry has been and will continue to have a great influence on daily life and activities in current digital era. According to the Japan Electronics and Information Technology Industries Association (JEITA), the global production value of the electronics and IT industry in 2020 will reach 30.3 trillion USD. In 2021, this value increased by 11% because the Covid-19 pandemic in the other hand is the driving force behind the development of the digital industry (reaching about 33.6 trillion USD). It is forecasted that in 2022, the global production value of the electronics and IT industry will increase slightly by 5% to 35.3 trillion USD.

**Global production value of electronics and IT industry (mil USD)**



Source: jeita.or.jp/

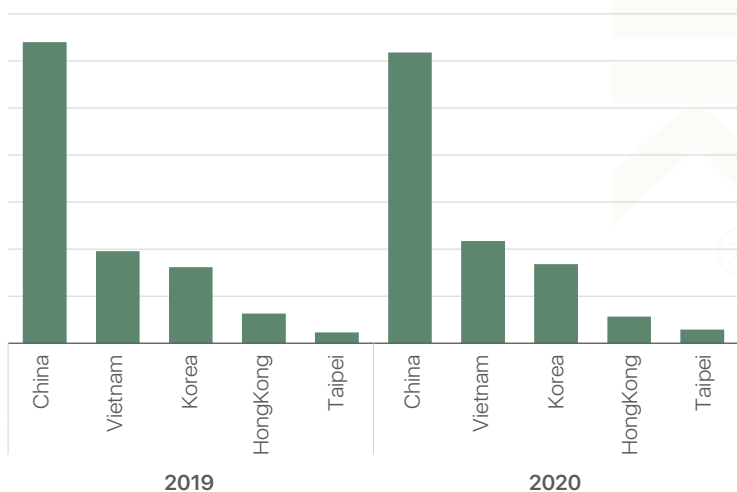
**Top 5 major export markets of the electronics industry in 2020**



Source: Titoma

About import and export situation, in 2020, China was the leading country in export of electronic items with export value reached to 710 billion USD. Second place was Taiwan with exported value reach 219 billion USD (only 1/3 of the value of China’s exports). China now is still leading in export of electronic products. Therefore, China’s measures of preventing the Covid-19 epidemic as well as the problem of trade tension between China – US also make the electronics industry market difficult and risky.

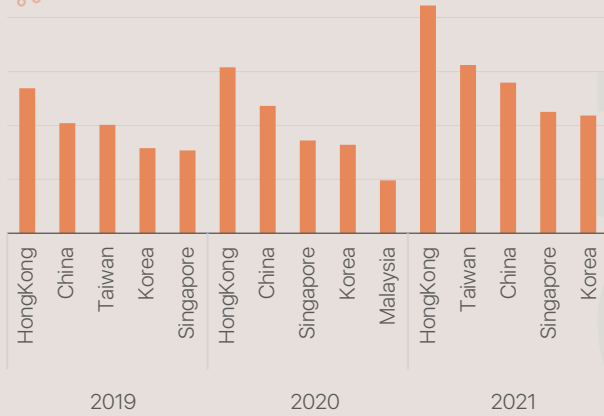
**Top 5 exporting countries of phones and components in 2019 - 2020 (bil USD)**



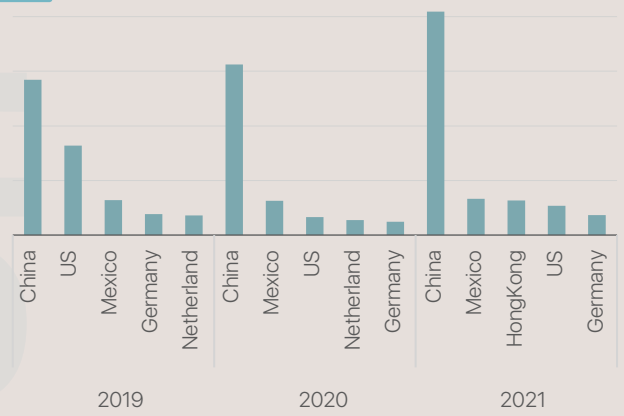
Source: Worldstopexports

Each product in the industry is exported from different large markets. For the computer product, in 2021, some of the leading export markets were China, Hongkong, US, Mexico, Germany. Or for the electronics circuits, Hongkong, Taiwan, China, Singapore, Korea were the leading export countries. In terms of phone products and components, China and Vietnam were among the top exporting countries in 2019 and 2020.

**Top countries exporting electronics circuits in 2019 - 2021 (bil USD)**



**Top 5 countries exporting most computers in 2019 - 2021 (bil USD)**



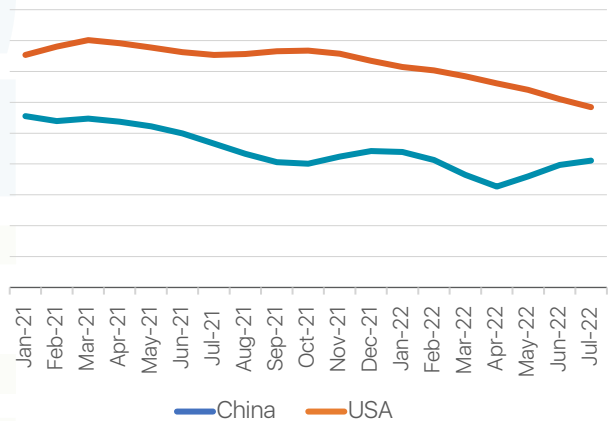
Source: Worldstopexports

## 4. Other economic indicators

### Consumer confidence index and Business confidence index (CCI,BCI)

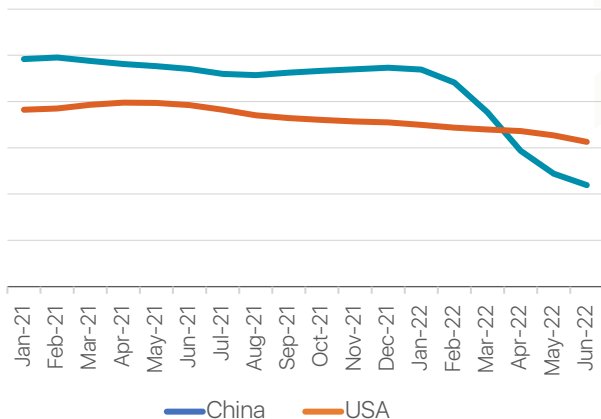
From February 2022 until now, the consumer confidence index (CCI) of both the US and China has decreased, especially China has decreased rapidly. It can be seen that consumers are spending more and more thriftily, besides, consumers' confidence in the domestic economic situation is decreasing. This is even more evident when the total retail sales of the US and China are on a downward trend.

**Business confidence index of the US and China for the months of 2021-2022**



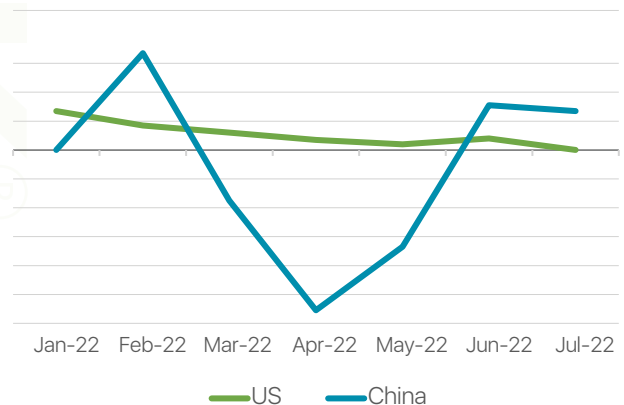
Source: OECD

**Consumer confidence index of the US and China for the months of 2021-2022**



Source: OECD

**Total retail sales of goods**



Source: Trading Economics

## II. VIETNAM SOCIO-ECONOMIC OVERVIEW

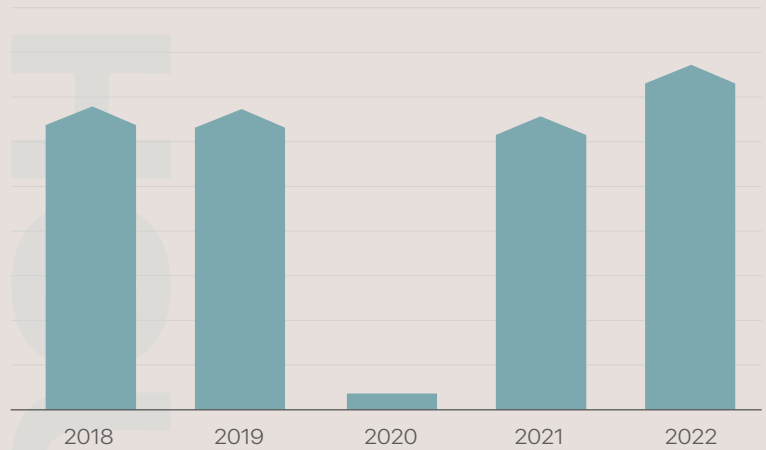


## 1. Some key general economic indicators

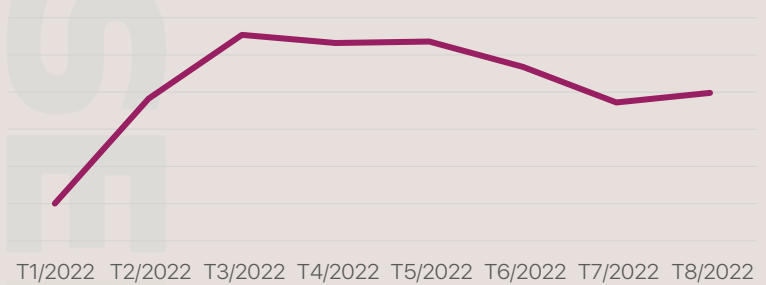
GDP growth in the second quarter of 2022 is estimated to increase 7.72% over the same period last year, according to the General Statistics Office (GSO). This is the highest second quarter growth rate since a decade. In the context that the world situation is complicated with inflation shocks in many countries at the beginning of 2022 and Vietnam is just in the early stages of post-pandemic growth, the growth figure is expected to increase. This is extremely impressive, showing that the economy is thriving very clearly. In which, more than 39% contributed to the increase comes from industries and construction sectors.

The index of industrial production (IIP) of electronics industry has improved significantly since January 2022. The highest number was in March 2022, the IIP index increased quite well at 17.7%. Until August 2022, production at electronics manufacturing enterprise is gradually recovering and developing.

**Annual GDP growth in the second quarter of the year**



**Electronics industry production index**

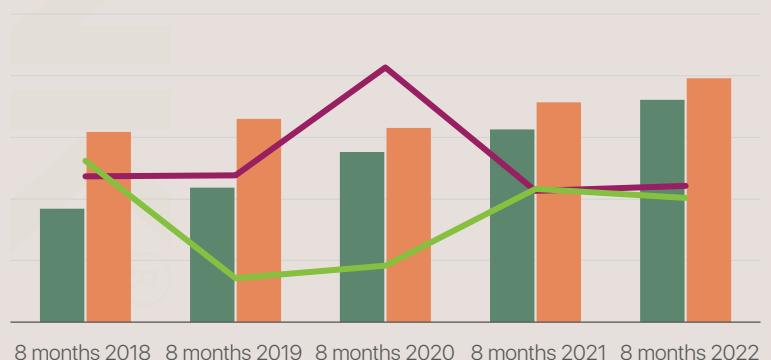


Source: GSO

## 2. Import and export of electronics industry

Particularly in the electronics industry, the export value of the electronics industry is still showing a clear growth trend. Especially in the 8 months of 2020, this is the year when the impact of Covid is most severe, during the period of social distancing, people must work online from home, so the amount of electronic growth increased dramatically (24,8% over the same period last year). China and the US are two major export markets of Vietnam in the industry.

**Export growth value of some electronics products in 8 months of the year (mil USD)**



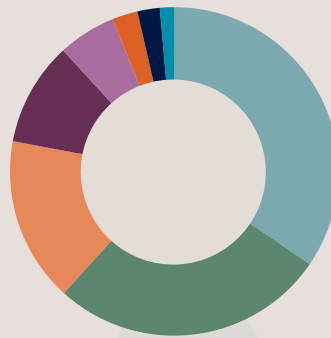
■ Electronics, computers and components  
■ Phones and accessories  
— Growth of electronics, computers and components  
— Growth of phones and accessories

Source: GSO



**Electronics exports by some countries and regions in 2021 (%)**

■ China ■ US ■ EU ■ Korea ■ ASEAN ■ India ■ Japan ■ Australia

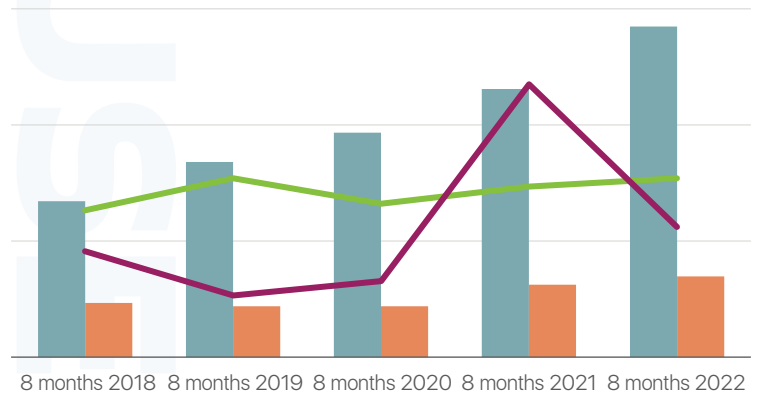


Source: GSO

Regarding the importation, businesses still import a lot of electronics components products. Import value has continuously increased over time, the main import market is still China (37.9%).

Both import and export price indexes tend to increase. However, the export price index had a very strong increase, showing that demand is exceeding supply a lot. This is a favorable factor for the electronics manufacturing industry in Vietnam but it is also a risk related to Vietnam's competitive advantage in price.

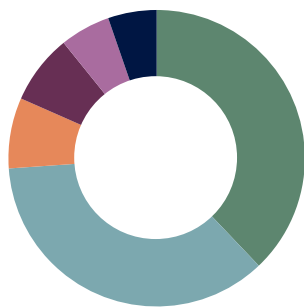
**Import growth value of some electronics products 8 months of the year (mil USD)**



■ Electronics, computers and components ■ Growth of electronics, computers and components  
 ■ Phones and accessories ■ Growth of phones and accessories

Source: GSO

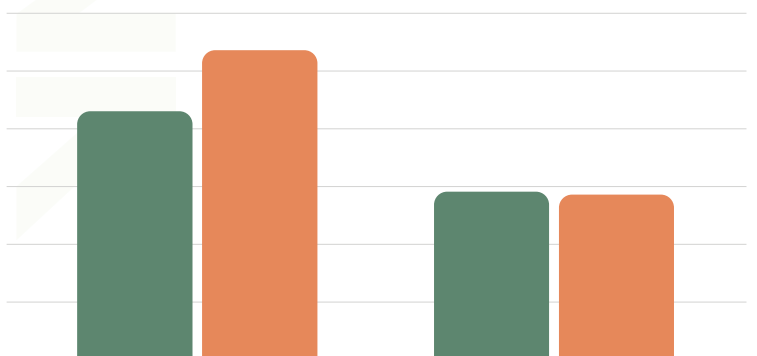
**Electronics imports by some countries and region in 2021 (%)**



■ China ■ Korea ■ ASEAN  
 ■ Japan ■ US ■ EU

Source: GSO

**Import of some key product groups in the electronics industry (bil USD)**

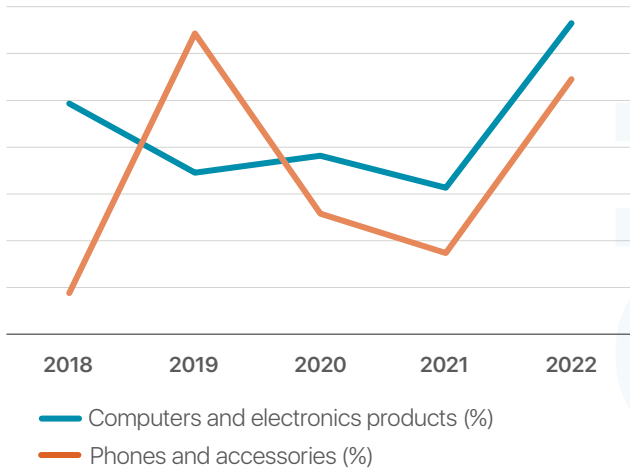


■ Computers, electronic products and accessories ■ Phones and accessories

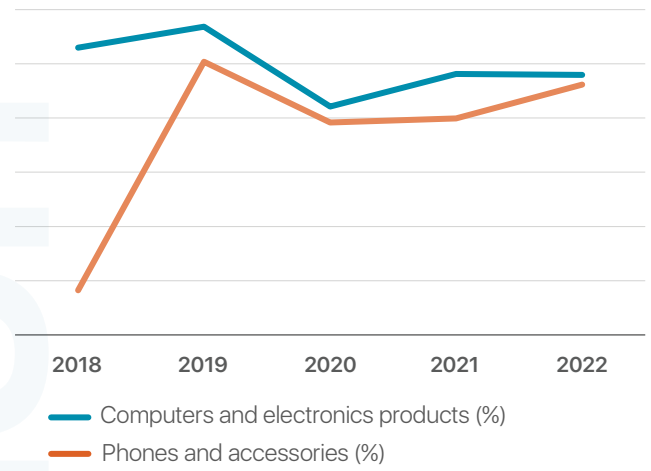
■ 01/01/2021 - 15/8/2021 ■ 01/01/2022 - 15/8/2022

Source: Vietnam Customs

**Export price index of electronics products in the second quarter of 2018-2022 (%)**



**Import price index of electronics products in the second quarter of 2018 - 2022 (%)**



Source: GSO

### 3. Other production indicators

In the period of 2020 – 2021 when the covid pandemic was at an alarming level, trade between countries also becomes difficult, causing the consumption index to drop sharply and the inventory index to increase, culminating in 2020 when the inventories index increased by 156.2%. This showed the slowdown of electronic orders. Entering 2022, the consumption index is tending to stabilize, showing that the operating apparatus is gradually returning to normal operation.

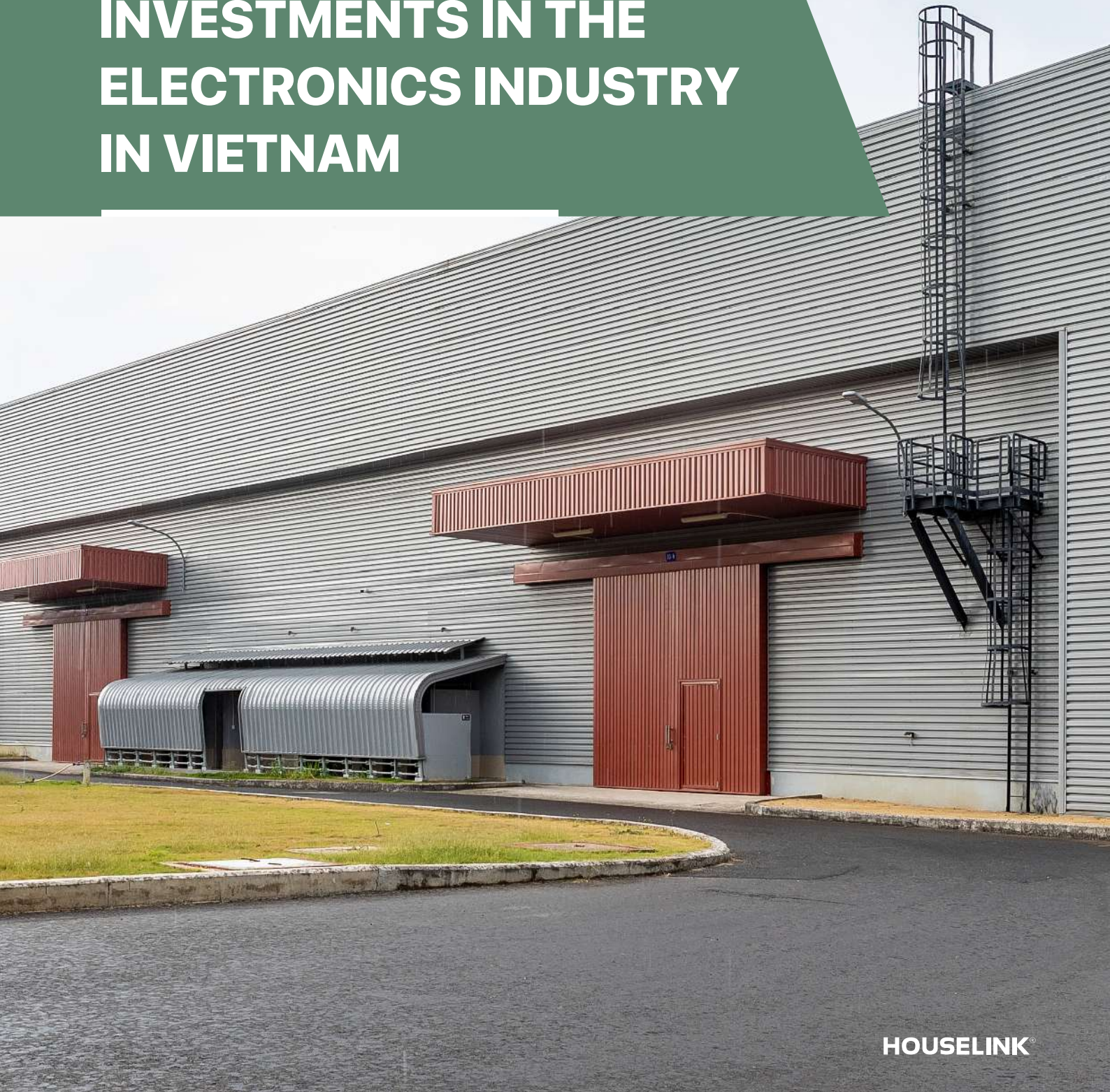
**Consumption index and inventory index of electronics industry in the second quarter of the years**



Source: GSO



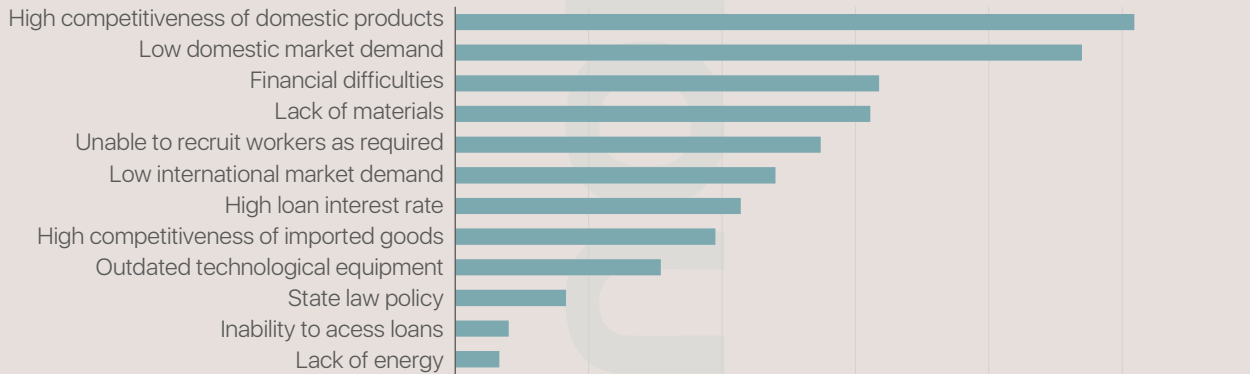
### III. FACTORS AFFECTING INVESTMENTS IN THE ELECTRONICS INDUSTRY IN VIETNAM



# 1. Labor factor

Electronics is one of the labor-intensive industries (only after the textile and footwear industry for FDI enterprises), so the labor force is always an important factor especially in recent times, when there is a serious shortage of high skill workers in this industry.

**Factors effecting production and business in the second quarter of 2022 (%)**

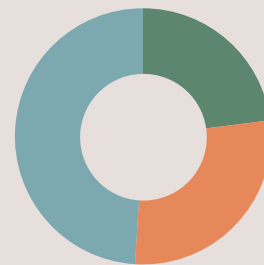


Source: GSO, HOUSELINK

In addition, in the structure of labor working in FDI enterprises according to the survey of ILSSA, up to 49% of workers have low skills. Because the main labor force in Vietnam's electronics industry nowadays is assembly and manual labor, after being recruited, they will be trained depending on the position.

Compared to traditional industries such as textiles and footwear, the average income of workers in FDI enterprises in the electronics industry is somewhat higher. Therefore, during the time of the Covid-19 epidemic and the period after, there was a movement of labor from lower – income industries to the electronics industry. However, compared with some other industries such as beverage production or repair, maintenance and installation of machinery and equipment, the average wage of employees in the electronics industry is still lower. Therefore, businesses need to have a reasonable labor management mechanism to attract high-quality employees.

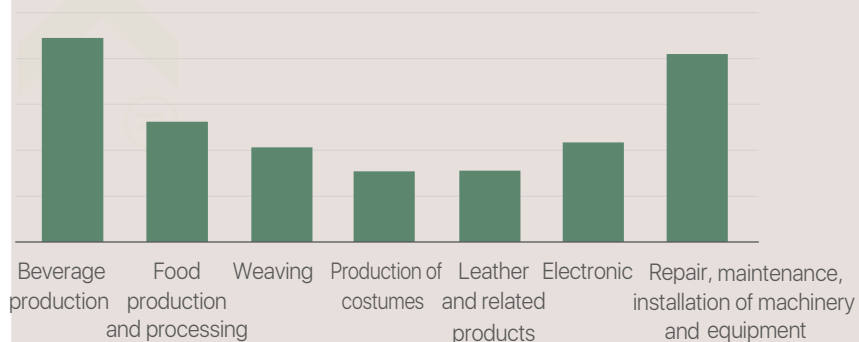
**Structure of employees working in FDI enterprises in the electronics industry**



■ High skill jobs ■ Medium or low medium skill jobs ■ Low skill jobs

Source: ILSSA, HOUSELINK

**Average income of employees working at FDI enterprises in some industries in 2021 (Unit: 1000VND)**



Source: GSO

## 2. Policy factors

According to Decree No. 31/2021/ND-CP, producing electronics components, accessories and assemblies is one of the industries that are encouraged and enjoy incentives when investing by the government. In addition, investment projects with capital greater than 6000 billion VND (equivalent to about 250 million USD) – large assembly projects investing in Vietnam of the electronics industry according to HOUSELINK's statistics often have similar capital levels, also enjoy investment incentives when investing in Vietnam. Some types of taxes enjoy preferential treatment such as:

- Enterprises' incomes are entitled to the tax rate of 10% for a period of 15 years, of which the maximum tax exemption will not exceed 4 years and the 50% reduction in payable tax amount for no more than 9 subsequent years.
- In case the investment project is in an area with difficult socio-economic conditions specified in Appendix II Decree 118/2015/ND-CP the enterprise can select to take the most favorable corporate income tax incentives (According to Clause 5 Article 4 of Circular 83/2016/TT-BTC).
- Exemption from import tax on goods imported to create fixed assets (According to Clause 5 Article 4 of Circular 83/2016/TT-BTC).
- 50% reduction of non-agricultural land use tax and full exemption or reduction if this investment project is implemented in an area with difficult socio-economic conditions specified in Appendix II Decree 118/2015/ND-CP.

# IV. SITUATION OF INVESTMENT PROJECTS IN THE ELECTRONICS INDUSTRY

*In this part, we conduct synthesis and analysis of new FDI projects and DDI (projects with capital over 2 million USD) in the electronics industry from 2013 to the end of August 2022 with investment locations inside and outside the industrial park.*

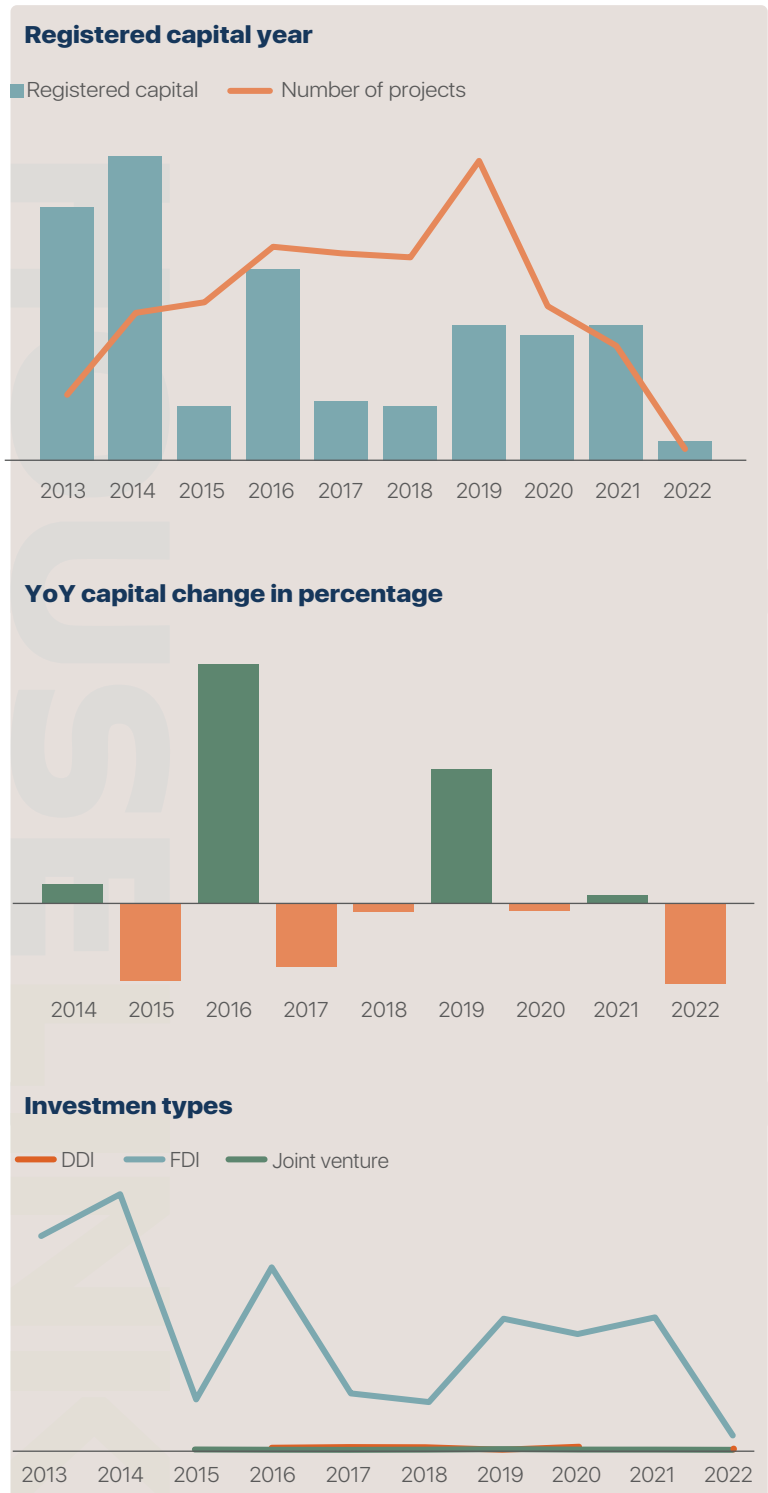
## 1. Overview of investment situation in the electronics industry

Investment in the electronics industry shows a continuous increase but declines during the Covid-19 epidemic, so far there is no sign of a full recovery.

Before the Covid-19 epidemic, the number of electronics projects entering the Vietnamese market grown very well (average increase 19%), peaking in 2019. Since the appearance of the epidemic, the number of projects joined tended to decrease markedly and continuously. After 8 months of 2022, the negative influences from economic and political events in the world have led to investment anxiety, thereby making the number of electronic projects invested in the Vietnamese market is still quite low.

In terms of total investment capital, Vietnam's electronics industry investment market reaches a volume of 28 billion USD of total registered capital and 1,795 of total projects from 2013 up to now. Besides the investment in this industry heavily depends on the big players in the industry, especially from FDI capital. Typically, the years of 2013,2014,2016 recorded a large amount of capital because big players in the industry such as Samsung and LG entered the market. The good news in 2019, 2020, 2021 was Vietnam market recorded an investment from large electronics technology companies also but the capital trend in other years is downward, apart from a few big players, other investors are still investing in Vietnam with small scale. With this growth rate, in 2022, it is difficult for electronics projects to be recovered.

In recent years, Vietnam has begun to attract electronics projects from many different countries. Korea maintains its leading position in term of investment.

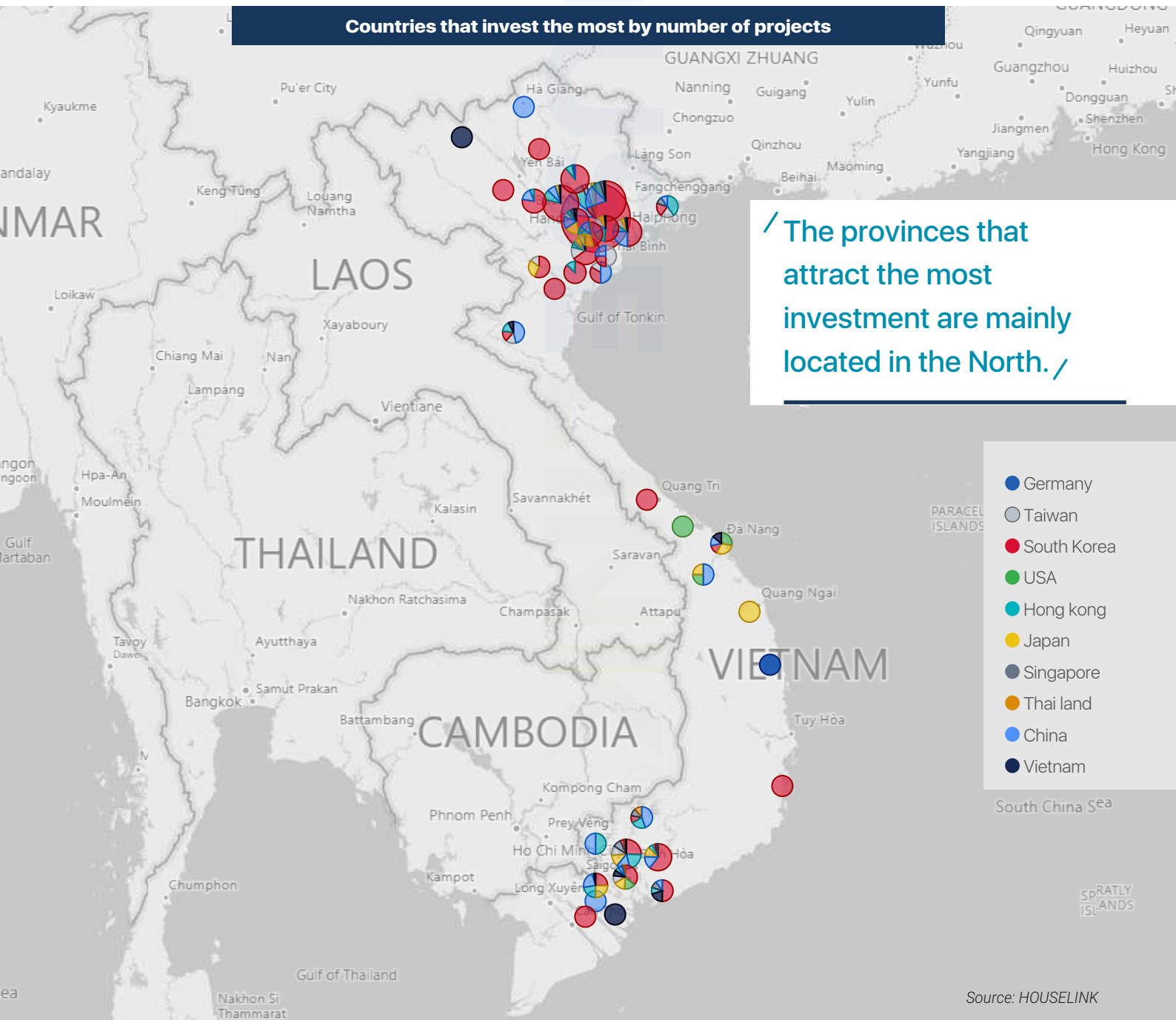


Source: HOUSELINK

During the period of investing in the electronics industry from 2013 till now, we have recorded several countries in the top countries that invest a lot in the electronics industry in Vietnam such as: Korea, China, Hongkong, Taiwan, Japan. In which, Korea has always maintained the leading position during the past time in terms of both the number of investment projects and the scale of capital.

In terms of registered capital, if in the past, large capital projects mostly came from Korean investors, but in recent years other countries such as Japan, Taiwan, Hongkong, Singapore has started to choose Vietnam as an ideal location to invest in large-scale projects. In 2022, Korea still leads in terms of investment capital, followed by Hong Kong and Taiwan, but the difference between countries has been significantly shortened compared to the time before.

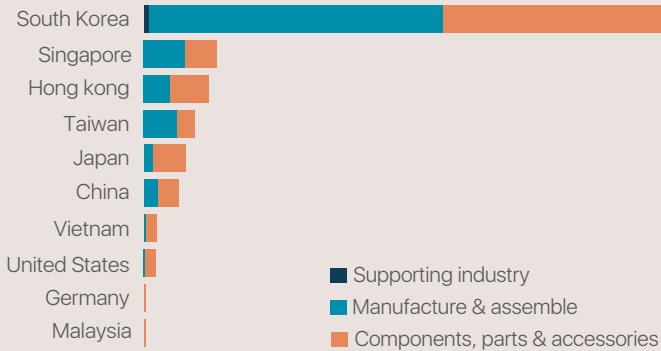
China invests in many electronic projects in Vietnam (ranked 2nd in 2022) but the project scale is not too large, most of which are small component processing projects. The remarkable point is in Singaporean capital projects, although it is recognized in the market that Singapore capital projects rank second according to the top investment capital sources in Vietnam, but in fact, 65% of them originated from Korea and 21% from Taiwan and a few other countries. Only less than 9% of projects come from Singapore capital. This shows the fact that in the electronics industry investment market in Vietnam, Korea is still the leading country with the gap in project investment scale compared to other countries is quite different.



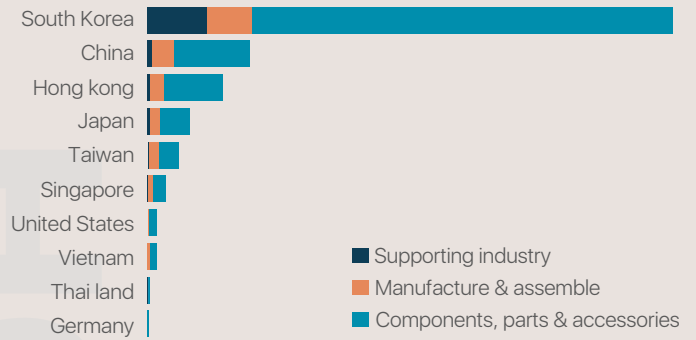
Source: HOUSELINK



**Top 10 countries by number of projects**



**Top 10 countries by number of projects**



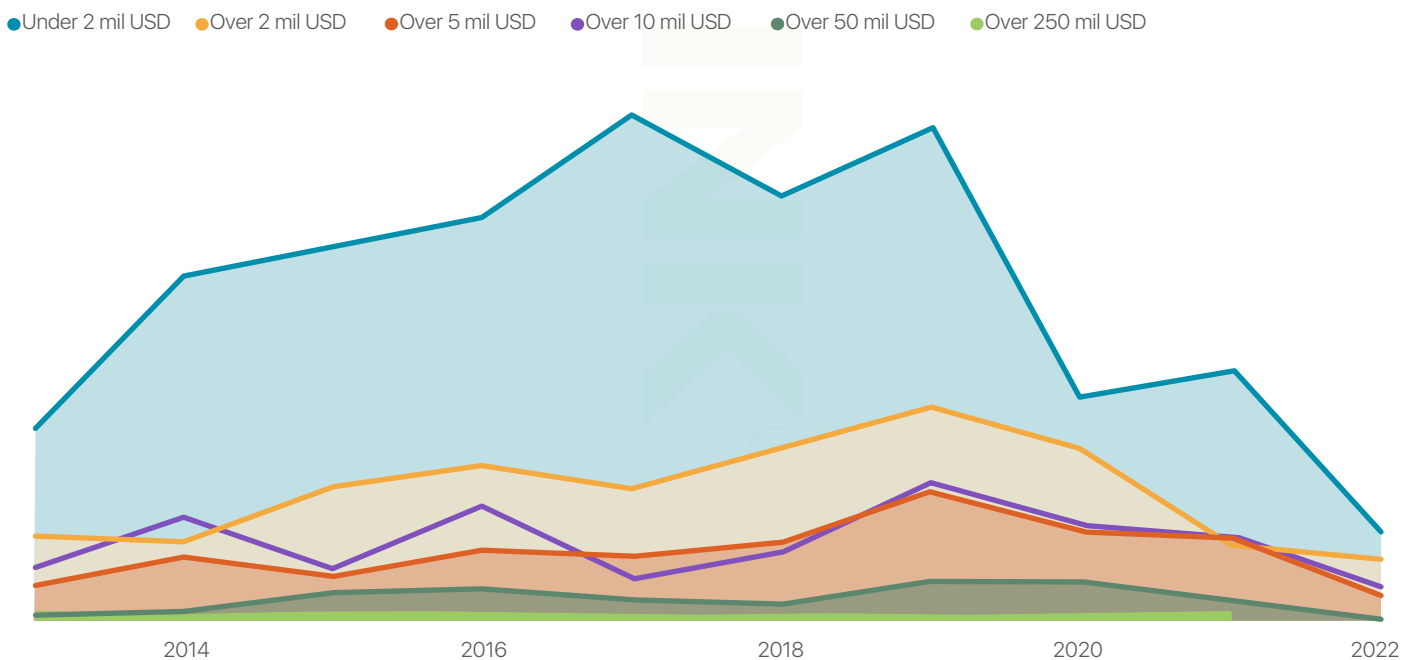
Source: HOUSELINK

**// In terms of the scale of registered investment capital**

Large-scale projects are mainly located in the northern provinces, notably Thai Nguyen, Hai Phong, Bac Ninh, Bac Giang, and Ha Nam. These projects are mostly invested by key players in the industry such as Samsung, LG, Pegatron, Amkor, Foxconn, etc...

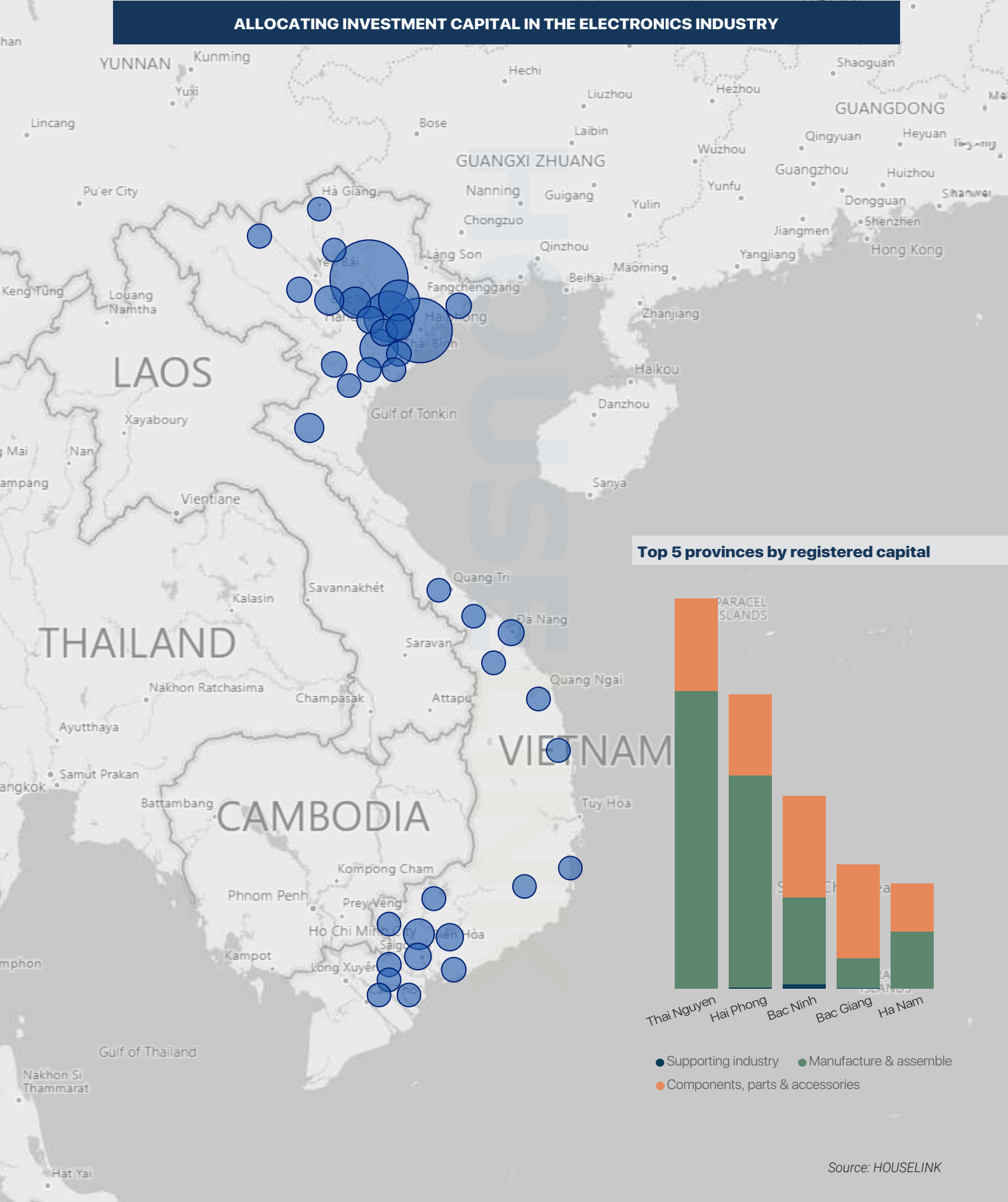
Projects with a capital of less than 2 million USD account for the large share of the investment market in Vietnam. Before the Covid-19 epidemic, most capital groups tended to increase in the two years of 2020 and 2021. In 2022, by the end of August, most of the capital groups have not been able to recover, the bright spot is the project group with capital from 2-5 million USD has a slight increase compared to 2021 but has not yet recovered as before the epidemic.

**Group of investment capital by year**



Source: HOUSELINK

**ALLOCATING INVESTMENT CAPITAL IN THE ELECTRONICS INDUSTRY**



Source: HOUSELINK

**// In terms of the number of investment projects**

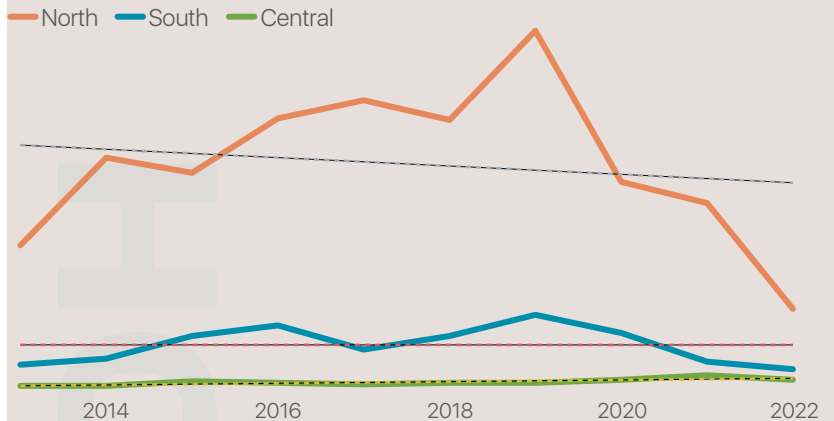
The North is region with the highest concentration of electronic projects among the three regions. The scale of investment capital has tended to decrease significantly since the appearance of the Covid-19 epidemic, the number of projects also tends to decrease, but is not too large. Especially in the South, we recorded a slight recovery in 2022 compared to the previous two epidemic years (2020 and 2021).

According to our observations, due to the long-term effects of the epidemic and especially the political-economic conflicts in the world, major countries have had some change in their economic development strategies and several risk factors affected to investors psychology leads to the difficulty in recovering the investment in electronics industry in Vietnam. However, the potential to attract investment projects in the electronics industry of Vietnam is still optimistic and is expected to recover in the coming years.

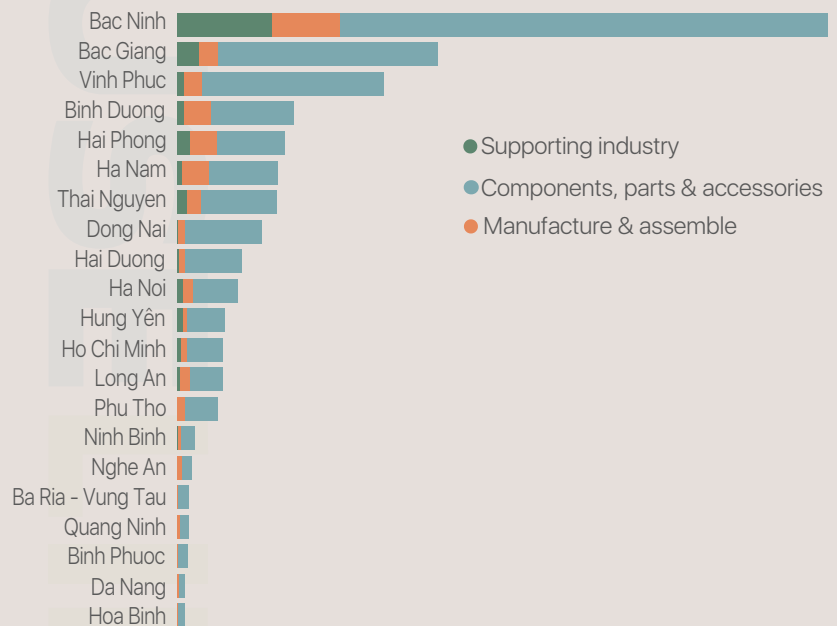
**// The bright spot is to start attracting prestigious and quality projects. //**

According to HOUSELINK's data we recorded in the two year 2021-2022, the Vietnamese electronics market, especially the electronics components industry, has received a number of semiconductor processing and raw semiconductor materials projects, which are favorable signal for attracting more projects in this industry in the future.

**Number of projects trend by region**

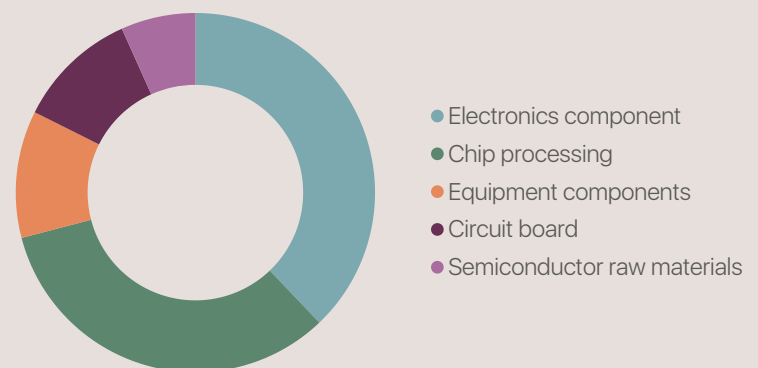


**Top 20 provinces by number of projects**



Source: HOUSELINK

**Electronics component projects with capital over 1 million USD in 2021-2022**



## // Some typical projects



Location VSIP Industrial Park - QUANG NGAI  
 Investor PROPERWELL VIET NAM CO., LTD.  
 Design and Build NEW CC CONSTRUCTION CONSULTANTS CO., LTD.  
 Contact (+84) 028 38641262 newcc@newcc.com.vn



Project scale 100.000 m2  
 Location Tay Ninh - Vietnam  
 Contractor DAI DUNG METALLIC MANUFACTURE CONSTRUCTION AND TRADE CORPORATION  
 Contact +84 28 3868 1689 sales@daidung.vn



**PANASONIC LIFE SOLUTIONS VIETNAM**  
 Project type Electronic  
 Project scale 12.000 m2  
 Location Binh Duong, Vietnam  
 Investor Panasonic  
 Contractor ATAD STEEL STRUCTURE CORPORATION  
 Contact +84 28 3926 0666 sales@atad.vn



**ELECTRIC LIGHTING EQUIPMENT MANUFACTURING PLANT**  
 Investment type FDI  
 Project scale 22.270 m2  
 Location Protrade Ascendas IP, Binh Duong, Vietnam  
 P.E.B Contractor PEB STEEL BUILDINGS CO., LTD.  
 Contact (+84) 908 883 531 marketing@pebsteel.com.vn



Location Vietnam-Singapore Industrial Park, Tinh Phong Commune, Son Tinh District, Quang Ngai province, Vietnam  
 Design and Build NEW CC CONSTRUCTION CONSULTANTS CO., LTD.  
 Contact (+84) 028 38641262 newcc@newcc.com.vn



Project scale 42.000 m2 ; 1.600 tons  
 Location Ba Ria - Vietnam  
 Contractor DAI DUNG METALLIC MANUFACTURE CONSTRUCTION AND TRADE CORPORATION  
 Contact +84 28 3868 1689 sales@daidung.vn



**SAMSUNG ELECTRONICS CE COMPLEX**  
 Project type Electronic  
 Project scale 18.180 m2 - 2.519 ton  
 Location Saigon Hi-tech Park, Vietnam  
 Investor Samsung  
 Contractor ATAD STEEL STRUCTURE CORPORATION  
 Contact +84 28 3926 0666 sales@atad.vn



**ELECTRICAL EQUIPMENT WAREHOUSE**  
 Investment type FDI  
 Project scale 40.000 m2  
 Location SHTP, HCMC, Vietnam  
 P.E.B Contractor PEB STEEL BUILDINGS CO., LTD.  
 Contact (+84) 908 883 531 marketing@pebsteel.com.vn

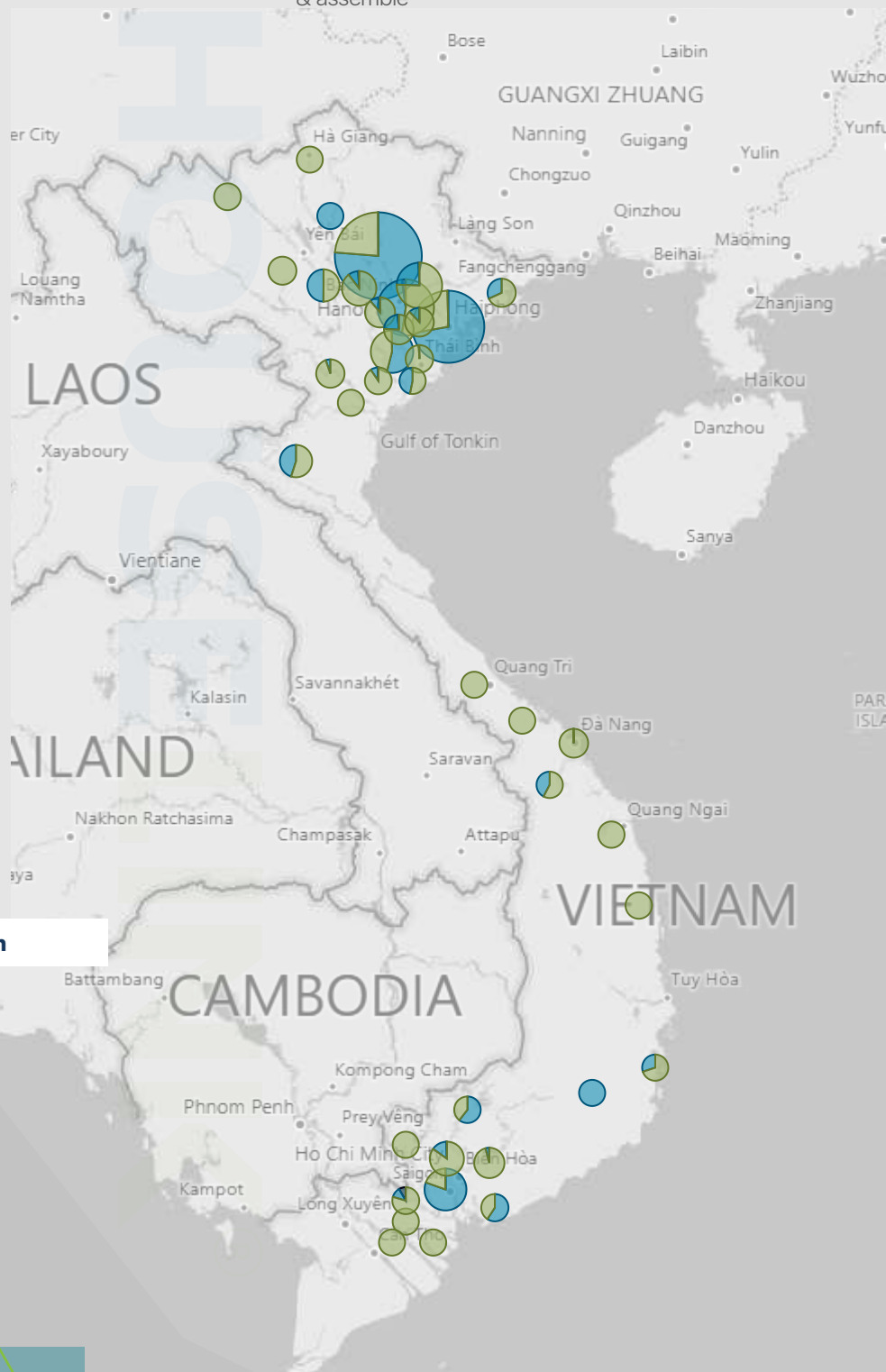
## 2. Electronics industry investment supply chain in Vietnam

✓ The supply chain is relatively fully invested but strong in manufacturing and processing components/accessories/assemblies. ✓

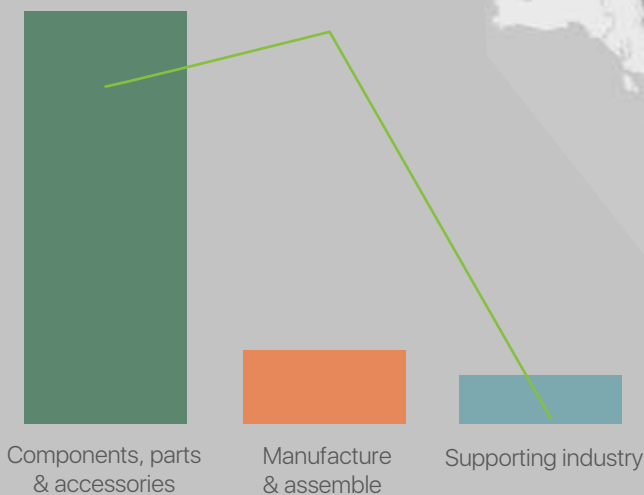
From 2013 till now, the supply chain of investment in the electronics industry in Vietnam is now relatively complete with a full range of investors who have invested in supporting industries, manufacturing-processing of components/accessories/assemblies and the assembling, processing, finishing of products. Almost projects is mainly and fully located in the North. The number of components/accessories/assemblies projects dominate in our country's electronics industry but projects of processing, assembling and finishing of products ranked first in terms of investment capital.

### Supply chain by investment capital scale

- Supporting industry
- Manufacture & assemble
- Components, parts & accessories



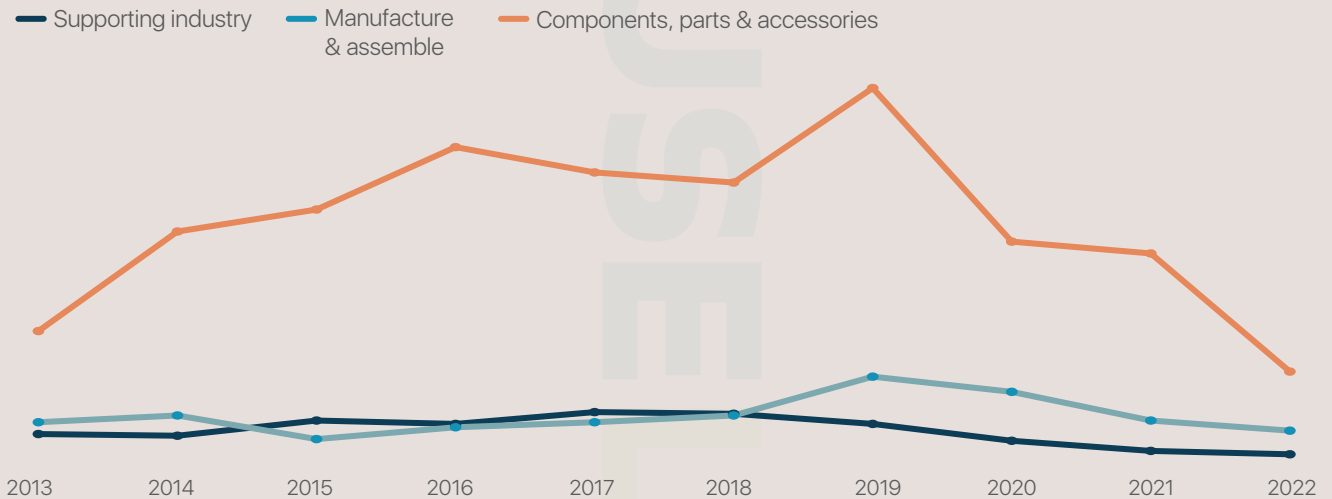
### Number of projects by manufacturing chain



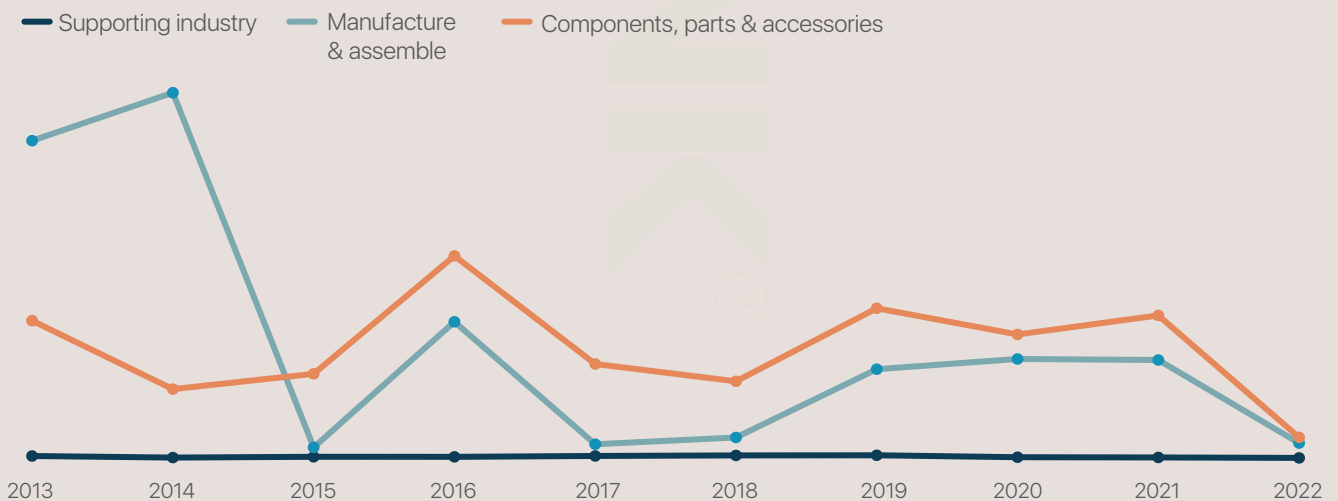
Source: HOUSELINK

Let's look deeply into the increasing and decreasing of number of project and investment capital by year, we believe that the number of projects in most segments of the supply chain tended to increase steadily before the epidemic. However, since the epidemic appeared, with the decline of global GDP and FDI, there has been a clear impact on the decrease in the number of investment projects in the electronics industry in the Vietnamese market. Investment capital in the period 2013-2017 is unstable because this is the period when Vietnam attracts many large-scale projects from Samsung and LG. The outstanding feature of the electronics industry is that capital will follow big investors. Outstanding capital growth years were the periods when the big investors entered Vietnam's investment market and then attract more other projects but with smaller capital scale.

**Number of projects by year**



**Registered capital by year**



Source: HOUSELINK

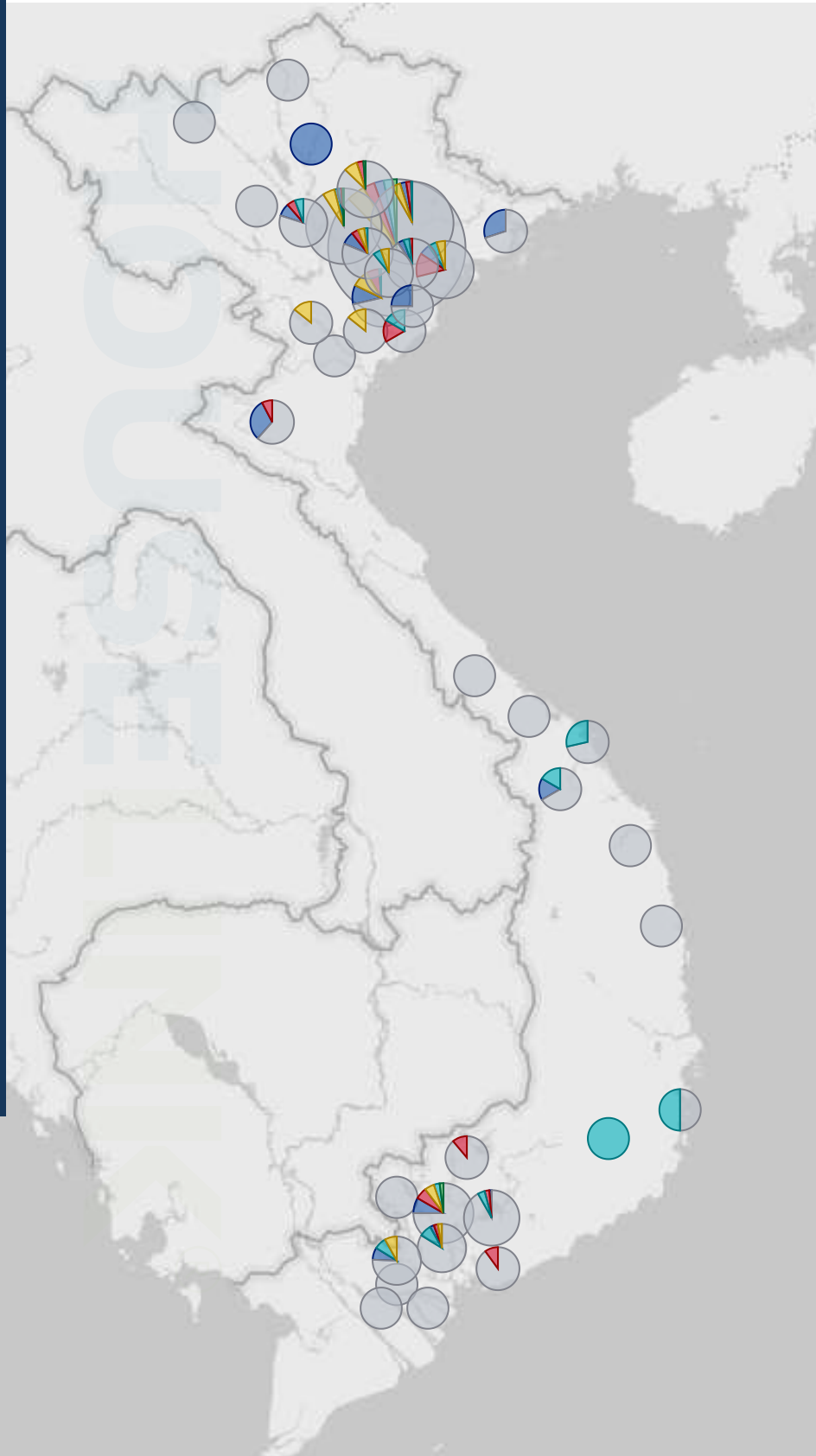
## Project allocation by type of production

The North is the focus of production projects in terms of both quantity and scale of registered investment capital. Particularly prominent is the production of consumer electronics, electronics components and the production of computers and peripherals. This is also a strength in Vietnam's exports over the years.

Meanwhile, the South and Central regions have fewer projects, especially in the Central region, projects are very sparse, mainly concentrated in Nghe An, Thanh Hoa, and from Quang Tri to Quang Ngai. In the South, projects are mainly concentrated in the Southeast region and around Ho Chi Minh City. Through this, the North is a key area of the electronics industry.

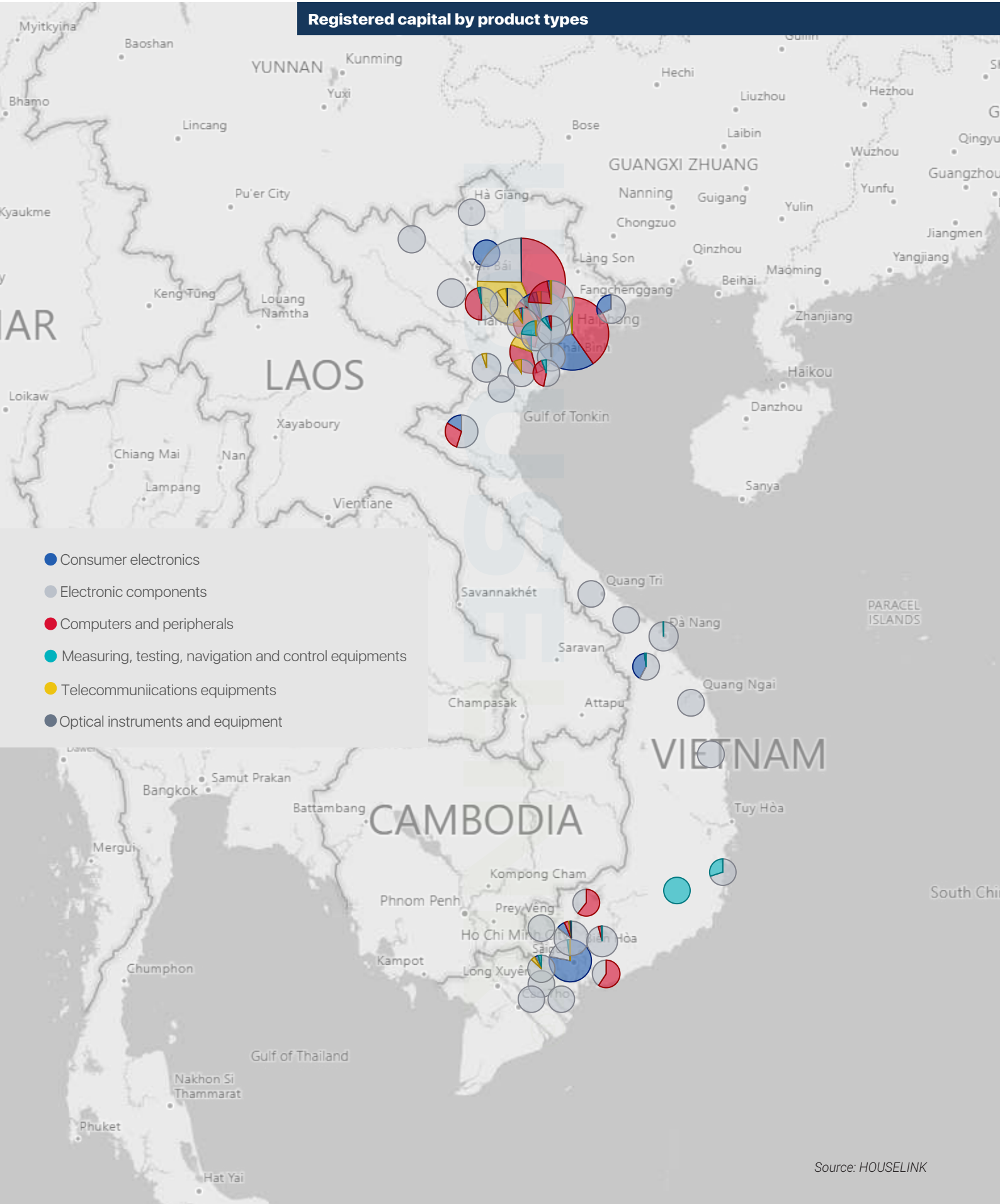
- Consumer electronics
- Electronic components
- Computers and peripherals
- Measuring, testing, navigation and control equipments
- Telecommunications equipments
- Optical instruments and equipment

## Number of projects by product types



Source: HOUSELINK

**Registered capital by product types**



Source: HOUSELINK



### 3. Infrastructure features of the industrial park attract electronics projects

According to our research, more than 80% of investment projects in the electronics industry choose industrial parks with ready-built warehouses and factories. Basically, the existing infrastructure of the industrial park can meet the needs of technical and social infrastructure, but we also realize that depending on the group of capital sources, the needs for industrial park infrastructure may be different.

#### // Industrial Park location

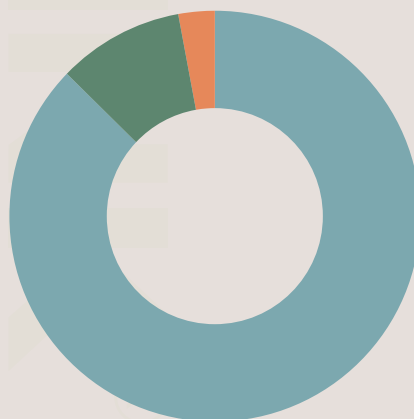
In this section, we group the distances of the industrial parks to the nearest expressway into 3 groups as follows:

- **Group 1: < 30km**
- **Group 2: 30-70 km**
- **Group 3: > 70km**

We find that more than 80% of the industrial parks has chosen by many electronics investors are located close to the expressway (group 1). Location is one of the important conditions for choosing an investment location. The early completion of traffic infrastructure, especially key highway projects, will make an important contribution to attracting investment projects in the electronics industry.

#### Distance to highway

■ Group 1 ■ Group 2 ■ Group 3

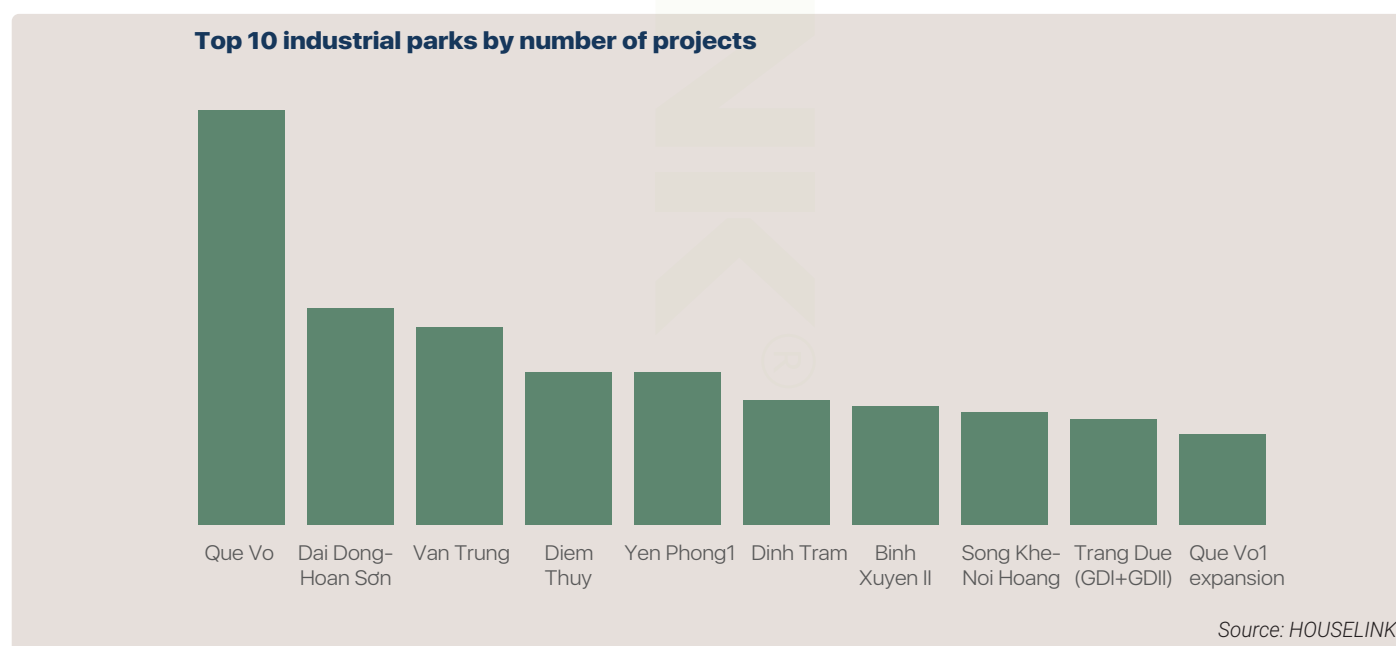


Source: HOUSELINK

### // Utilities infrastructure in the industrial park

| Supplying Water   | Wastewater   | Warehouse   | Housing for workers and professionals   | Supermarkets, schools, banks, etc.  | Rental price   |
|---|--|---|---|---|--|
| The larger the project the higher demand for water supply capacity. | Most small and medium-sized projects do not have too high requirements for wastewater treatment capacity. However, especially large capital projects (>250 million USD) require a large capacity wastewater treatment plant. | Small capital projects, especially those under 2 million USD, have large demand for warehouse (more than 58%) but the current infrastructure is still insufficient. | Most of the current electronics projects do not put the problem of housing for workers and experts too high, the current housing supply is still able to meet the demand. | Most investors choose the industrial park with this social utility system and the current infrastructure has basically responded.                   | The rental price range that electronics investors can consider most when choosing a project location is 50-90 USD/m2/rental cycle. |
|   |  | Larger projects tend to build their own warehouses, on warehousing is not a priority for them but they require a relatively large area of land.                     | Large capital projects tend to build their own house for workers and experts.   | Groups of projects with small capital (<2 million USD) tend to choose industrial parks with these social facilities more than other capital groups. | Large scale capital projects, the larger the land area required the lower the rental price.  |

### // Top industrial parks attracting electronic projects



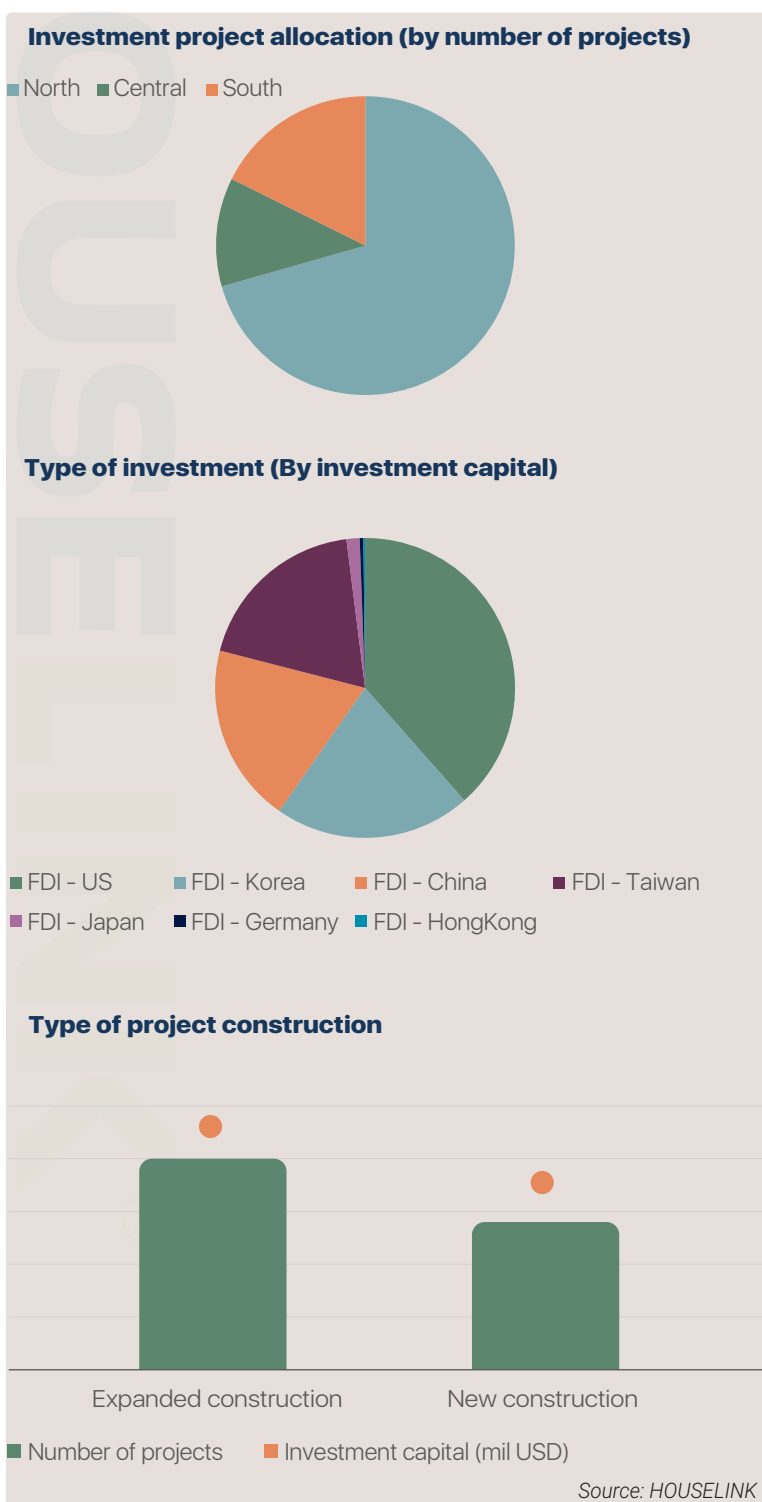
## 4. Potential electronics projects in the future

Based on data of industrial projects with investment capital of 2 million USD or more (equivalent to 46 billion VND) in the form of foreign direct investment (FDI) and domestic direct investment (DDI) on the basis of HOUSELINK platform in the field of electronics; we synthesize, analyze data and make reports on projects that are under construction and are in the process of preparation (project preparation, design, contractor selection). All projects have been verified and authenticated by HOUSELINK.

According to HOUSELINK’s data, upcoming projects are mostly concentrated in the North (accounting for 70% of the number of projects about to be deployed). 18% of projects under preparation is in the South and about 12% of projects located in the Central region. In the future, the Northern market will continue to be a dynamic market for electronics projects. Especially, most of them are projects in the preparation stage, have not yet conducted bidding and have not selected a main contractor.

The projects under preparation have been invested by 100% FDI capital. The most prominent is FDI- US (up to 39%), followed by FDI – Korea (21%) and FDI – China, FDI – Taiwan (both 19%). Although the number of US capital projects is not much, the project scale is very large. This is also a bright spot in attracting investment in Vietnam’s electronics industry when it has initially attracted quality projects.

In terms of construction type, based on the analysis chart below, we can see that besides the credibility of existing investors (number and scale of large expansion projects), Vietnam has received attracted a lot of new investors in the industry. The difference between expansion and new construction is not too large, showing that Vietnam’s attractiveness to investors in the electronics industry is improving and increasing.



### Provinces with projects under preparation



Source: HOUSELINK

## 5. Top outstanding projects under preparation

- 1 **HAYWARD QUARTZ KIM THANH TECHNOLOGY SEMICONDUCTOR MATERIALS FACTORY**
- 2 **AMKOR VIETNAM ELECTRONIC FACTORY PHASE 1**
- 3 **FOXCONN QUANG CHAU 50.5HA FACTORY**
- 4 **OPPO ELECTRONICS VIETNAM FACTORY**
- 5 **EVERWIN ELECTRONICS NGHE AN FACTORY**

The report is sponsored by:



**NEW CC CONSTRUCTION CONSULTANTS CO., LTD.**



**PEB STEEL BUILDINGS CO., LTD.**



**ATAD STEEL STRUCTURE CORPORATION**



**DAI DUNG METALLIC MANUFACTURE  
CONSTRUCTION AND TRADE CORPORATION**

## COMMITMENT

We, the market research and analysis division of HOUSELINK Joint Stock Company, undertake that the information contained in the report is processed in the most honest and highest quality manner. We commit to follow the highest possible standard of professional ethics.

## DISCLAIMER

The Copyright of the report belongs to HOUSELINK Joint Stock Company. The information used in the report is collected from sources which are reliable, available and legitimate to us. HOUSELINK is not responsible for their accuracy. The opinions expressed in the report belong to the author(s) and they are not necessarily related, by any sense, to those of HOUSELINK.

The investors using the report acknowledge that the statements in the report is subjective to HOUSELINK's analyst.

Investors using the report are solely responsible for their own decision. Any part of the report is prohibited from copying, reproducing by any person or entity without permission from HOUSELINK.

## HOUSELINK JOINT STOCK COMPANY

9<sup>th</sup> floor, Sannam building, No. 78 Duy Tan street, Cau Giay district,  
Hanoi, Vietnam.

(+84) 966 222 490 | [info@houselink.com.vn](mailto:info@houselink.com.vn) | <https://houselink.com.vn/>

