

Ports and Cities Move Forward Together- Taipei Port Good Neighborhood Program



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Port of Keelung, Taiwan International Ports Corporation, Ltd.



Taipei Port is a new-generation port.

- Taipei Port began reclamation in 1993 and began operations in 1997. It is only 30 years old, so it is still a very young new port.
- The planned area of Taipei Port is 3,091 hectares, of which 1,038 hectares are land area. Currently, 472 hectares of new land have been completed.
- The entire port area uses land reclamation to form the port area. It is conceivable that Taipei Port has brought many impacts to surrounding communities (Bali District, New Taipei City).



Impact issues

01.

Environmental quality

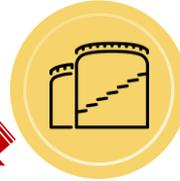
- Dust from bulk cargo, dredging, and construction.



03.

Dangerous cargo

- The oil tanks are close to the city.



02.

Information

- Information is not transparent.
- Residents do not trust the port.



04.

Transportation

- Traffic jam caused by large number of trucks.



(Bali District, New Taipei City)

At the beginning of planning, Taipei Port took into account the impact on surrounding communities and simultaneously implemented **Mitigation Measures** and **Surplus Sharing**.



Automated conveying systems



Dredging vessels are used with pipelines



The undisturbed area is covered or planted

Mitigation Measures

01.

Environmental Quality

The people are most affected by flying dust.

- Use automated conveying systems to load and unload bulk cargo and set up closed storage facilities to reduce dust emissions from the transportation and storage of bulk cargo.
- Dredging vessels are used with pipelines to reduce dust emissions during filling.
- Part of the filling reaches the design elevation and the undisturbed area is covered or planted to reduce dust on the exposed surface.

Mitigation Measures

02.

Information

- The Taipei Port Administration Building has a information desk that can accept public inquiries, complaints or submissions. It can respond to the public immediately and report public needs to the project organizer and construction manufacturers.
- At least one public briefing meeting will be held before the construction of each large-scale project.
- The monitoring results of the environmental monitoring program are regularly published online for public review.





Residents participated in the drills and acted as actors.



The oil tank is located in the East Wharf Area of Taipei Port

Mitigation Measures

03.

Dangerous Cargo

- In 2000, the oil products industry began to enter Taipei Port. Residents of Bali District initially thought it was risky and felt that the oil tanks would explode when they saw them.
- Later, Taipei Port conducts joint disaster prevention drills every year. Residents of Bali District also participated in the drills and acted as actors. After understanding the situation, their concerns were gradually resolved.

Mitigation Measures

04.

Transportation

- Build a **rapid connecting road system** to reduce the number of port transport vehicles passing through the city area and improve local traffic safety.
- Plan the buffer zone between the port area and the city area. **The 20-meter-wide buffer green belt, the 30-meter-wide and 1,500-meter-long interception channel** can prevent pollution from the port area spreading to the city area. It can provide residents with water-friendly recreational space and fishermen with fishing rafts to dock.



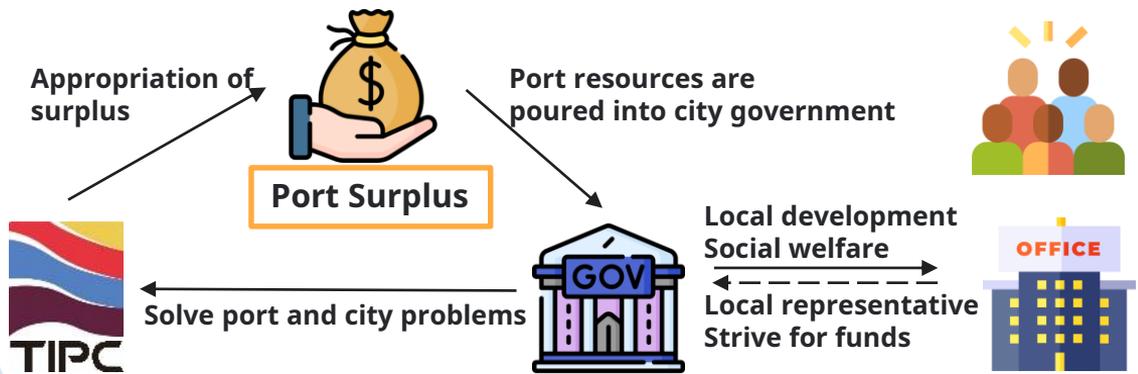
Rapid connecting road system



The buffer green belt (green) and interception channel (blue)

Surplus Sharing

- Taiwan International Ports Corporation (TIPC) allocates 18% of its after-tax surplus to the city governments where the international commercial ports are located every year.
- The New Taipei City Government allocated 20% of the surplus to the Bali District Office every year, which increased to 40% in 2018.
- In 2023, approximately US\$1,392,300 can be used for resident-friendly affairs such as schools, greening and community construction.



2023 Taipei Port Surplus Sharing to Bali District Office	US dollars	%
Scholarships for outstanding students	18,500	1%
School facilities maintenance fee	15,400	1%
School promotion sports fee	36,900	3%
Student scholarships	124,600	9%
School special education funds	36,900	3%
Funds for public welfare activities	345,000	25%
Park maintenance and landscaping projects	153,800	11%
Public equipment improvement and new construction funds	281,600	20%
Arts-related activities	61,500	4%
Accident insurance for residents	200,000	14%
Park improvement and landscaping costs	118,100	8%
8	Total	1,392,300
		100%

Reference source:

Tseng, Pang-En, (2024) Exploring the Port Surplus Mechanisms in Port-City Relations - A Case Study of Taipei Port. Department of Marine Environment and Engineering, National Sun Yat-sen University, Master Thesis.

What do the residents think?

(207 valid questionnaires came from residents of Bali District, 2023)



Taipei Port brings positive benefits to the Bali District.

- Provide job opportunities (83.1% residents agreed)
- Local population increases (56% residents agreed)
- Local economic growth (56% residents agreed)



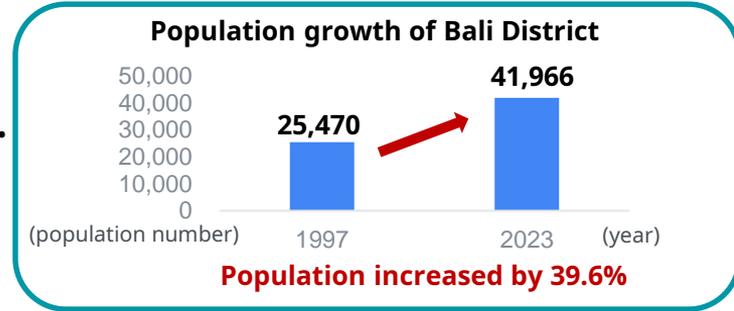
Improvement measures by Taipei Port and New Taipei City government. Most people know

- Greening and landscaping public facilities improvement.(32.9% residents knew)
- Disaster drills.(27.1% residents knew)
- Open to the public to visit the port area.(26.6% residents knew)



91.3% of residents support that Taipei Port should allocate surplus to New Taipei City governments because

- Ports and cities are partners.(37.4% residents agreed)
- Compensation for external costs incurred by the port.(30.6% residents agreed)
- Levy taxes.(18.9% residents agreed)
- Laws and regulations. (7.3% residents agreed)



Reference source:

Tseng, Pang-En, (2024) Exploring the Port Surplus Mechanisms in Port-City Relations - A Case Study of Taipei Port. Department of Marine Environment and Engineering, National Sun Yat-sen University, Master Thesis.

So from those we can know that ...



Taipei Port is a good neighbor.

- Mitigation measures for Taipei Port operations are felt by the public.
- Taipei Port affairs provide the public with the opportunity to participate and understand, reducing doubts.
- Taipei Port information is transparent and channels for exchange of opinions are established.

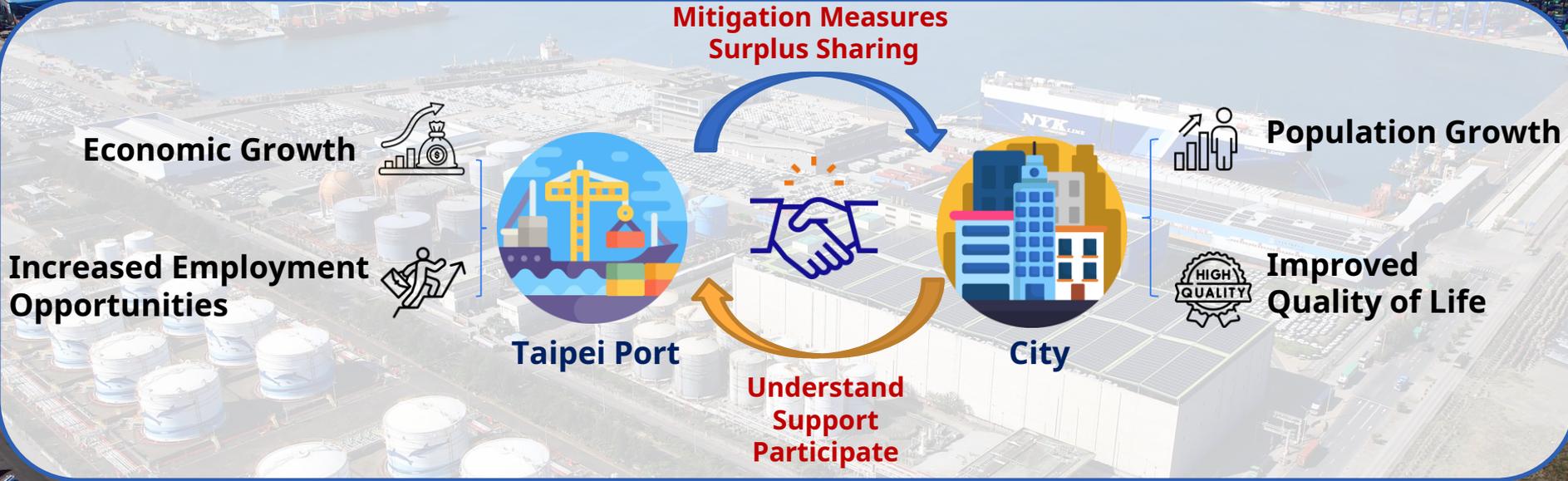
Taipei Port is not a NIMBY facility.

- Residents have long felt that the oil tanks are quite safe, and they are still more than 600 to 700 meters away from where they live, but they still demand that the oil tanks be moved.
- **Taipei Port is expected to complete 15 hectares of new land between 2024 and 2026 to provide oil tanks relocation, which will make residents think that the development of the port is positive.**



Positive feedback !

Taipei Port and City will move forward together.



- Taipei Port drives Bali District employment development and promotes population growth.
- Taipei Port shares the surplus with the New Taipei City.
- Residents support Taipei Port development, and Taipei Port's surplus increases and pours into the New Taipei City.