Port of Nagoya
Long-term concept
Radiant Port Loved by the People

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Nagoya Port Authority
Long-term concept, "Future Direction of the Port of Nagoya"

Amid the increasingly severe global competition among ports, Japanese ports recently have been losing their relative competitiveness. They need to make a clear assessment of, and develop an appropriate response to, the changes ports are facing, such as the increasing size of vessels, consolidation of calling ports, and deepening interdependence with other Asian ports.

The Port of Nagoya has maintained its momentum as one of Japan's leading ports in terms of both total cargo throughput and trade value over several years. However, our port is now facing diversified demands for more efficient cargo handling, creation of an attractive port, and tightened security and safety in port areas.

Formulating a new long-term concept is therefore essential to fulfill the port's role in the sustainable growth of the ports' hinterland and nation, and support a pleasant life for people. This new long-term concept clearly lays out the steady efforts the port will make and its strategic and focused direction.

1st 1988
The Port of Nagoya Basic Concept

2nd 1999
The Port of Nagoya Basic Concept Follow Up

3rd 2007
"Long-term Concept, "Future Direction of the Port of Nagoya"

This long-term concept indicates the port's new goals and policies for the future that will lead to greater activity on the global stage. It is a comprehensive concept to foster port vitality, combining policies for port development and problem solution.

Characteristics
- This long-term concept will be the basic policy of Nagoya Port Authority.
- This long-term concept will be put to practical use as a guideline for port activities.
- This long-term concept will be shared among a wide range of port-related entities to achieve the future goals.

Target Year
- The concept envisages the port twenty years into the future (2027)

Current Situation

<table>
<thead>
<tr>
<th>Characteristic 1</th>
<th>Location at the Center of Japan</th>
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<tbody>
<tr>
<td><strong>Location</strong></td>
<td>Located in the center of Japan, the Port of Nagoya provides a smooth link between diverse transport modes on sea, land and air. This makes our port more attractive as a distribution base.</td>
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<td><strong>Location of the Port of Nagoya</strong></td>
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<table>
<thead>
<tr>
<th>Characteristic 2</th>
<th>Support for Manufacturing</th>
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<tbody>
<tr>
<td><strong>Support</strong></td>
<td>The prefecture of Aichi generates the largest annual product shipment value among all the prefectures of Japan. Approximately 98% of the cargo handled at our port is produced and consumed in the nine prefectures making up the Chubu Region.</td>
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<td><strong>Support for Chubu Region</strong></td>
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<tr>
<th>Characteristic 3</th>
<th>Container Liners</th>
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<td><strong>Linked to</strong></td>
<td>Our port is linked to approximately 150 countries and regions around the world.</td>
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<tr>
<td><strong>Container Liner Routes</strong></td>
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<tr>
<th>Characteristic 4</th>
<th>No. 1 Cargo Throughput</th>
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<td><strong>Throughput</strong></td>
<td>The total cargo throughput and trade value at our port is the highest among all Japanese ports.</td>
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<tr>
<td><strong>Total Cargo Throughput among Major Japanese Ports in 2005</strong></td>
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**Project 1: Bolstering manufacturing in the Chubu Region**
Our port is strengthening its international competitiveness by developing next-generation, high-standard container terminals, as well as expanding channels and mooring basins, road networks, and an alliance with the Port of Yokkaichi and the Central Japan International Airport. Through various incentives such as easing of restrictions and reducing port fees, the Port of Nagoya actively promotes the establishment of new businesses in the port area, and we are strengthening our distribution functions to form a superior logistics hub.

**Project 2: Increasing port attractiveness**
Our port is endeavoring to create an attractive port area, Garden Pier, where a wide range of events are held and passenger ships call. It is developing its amusement facilities, Kenpō Pier is enhancing its recreational and social functions including opening of futsal ground and wedding hall. The port is also devoted to becoming an environmentally friendly port through preservation of the Fujima tidalland, development of a wind power station, creation of a greenbelt network, and cleaning of the port area.

**Project 3: Tightening Security and Safety**
The Port of Nagoya is enhancing its disaster prevention facilities including high tide breakwater and tide protection walls to protect the hinterland. In addition to disaster prevention, we are devoted to enhancing port security through installation of perimeter fences and gates and reinforcement of guard and observation capabilities.
**Our Goal**

**Radiant port loved by the people**

Our port aims to shine on the global logistics and production stages by offering reliable and cutting-edge port facilities that connect the Chubu Region and the world, while creating a foundation for advanced manufacturing to support a new generation of industries.

**Port loved by the people**

In order to earn people's affection, we will provide agreeable spaces and attractive tourism resources in the port areas, ensure safe and reliable living condition, and co-exist harmoniously with irreplaceable natural environment.

**Basic Approach**

**Steadfast Efforts!**

For the purpose of "Contributing to the sustainable growth of the nation by bolstering the health of the Chubu Region" and "Supporting a pleasant life for people," our port continues to take on challenges for further development.

**Future visions by sphere**

In order to make the port "radiant and loved by the people", we have set new basic goals and policies, and created future visions for five areas: logistics, manufacturing, interchange, environment, safety.

***Global Logistics Port***

Our port aims to function as a core base for global logistics that supports the region's world-renowned manufacturing industries as well as the comfortable lives of its people.

**Goal 1**  Enhancement of global and domestic maritime transport functions

**Policies**
- Promotion and improvement of the Super Hub Port Project
- Enhancement of container terminal functions
- Strategic Promotion
- Ability to deal with transshipments in the East Asian region
- Faster port operation procedures
- Higher standards for cost and service
- Long-term approach
- Efficient distribution operations
- Promotion of a modal shift
- Establishment of shipping routes

**Goal 2**  Consolidation of logistics hub function

**Policies**
- Centralization of logistics functions
- Creation of a large distribution base
- Expansion of road network
- Development of road infrastructure in the port area
- Establishment of a seamless distribution system
- Strengthening of information network
- Encouragement and promotion of distributors

***Manufacturing Port***

Our port will encourage the establishment of new manufacturing bases with strong international competitiveness.

**Goal**  Sophistication, new development, and creation of industries

**Policies**
- Support for sophistication and new development
- Maintenance and enhancement of the port's competitiveness
- Promotion of new growth industries
- System creation
- Mutual cooperation in various activities
- Research and analysis of regional companies
Safe Port
Our port will work to create a safer port that contributes to security in people's lives and stable industrial activities.

Goal: Promotion of safety, reliability, and crisis preparedness

- Preparation for disaster at all times
- Projected renovation and reinforcement of port facilities
- Enhancement of risk management
- Establishment of linkages of systems
- Provision of sustainable port functions
- Enhancement of an emergency transport network
- Universal design

Promotion
To promote port projects steadily in alliance with each field of activity, we will focus on the following:

- Effective development and operation, and increasing the economic influence of our port management.
- Speedy enforcement, flexible adaptation, and inventiveness.
- Making full use of our port's advantages and enhancing its influence.
- Harmonizing port development with effective usage of existing facilities through life cycle management (LCM).
- Developing an attractive port that is a popular recreational destination.
- Developing a safe and environmentally friendly port.
- Pursuing the best service considering our customers' needs and ideas.
- Unified cooperation with a variety of related organizations.

While considering the port's safety and environment, we will advance our overall concept with a focus on projects that will enable us to achieve our future goals.

- Enhancement of container functions
- Enhancement of logistics functions
- Enhancement of transportation functions

Port of Dreams
Our port aspires to become a popular place where people's dreams grow.

Goal: Creation of pleasant and attractive spaces in the port

- Creation of a comfortable port area
- Creation of a well-loved port
- Practical use of resources indigenous to the port
- Creation of pleasant maritime scenery
- A wide range of development and PR activities
- Creation of pleasant observation points
- Association and cooperation with a variety of organizations
- Development of a waterfront exchange base
- Promotion of cruise ships

Environmentally-friendly Port
Our port will form an environmentally conscious, eco-friendly port in every aspect.

Goal: Creation of desirable environment

- Standardization of environmental efforts
- Working toward zero emissions
- Creation of a reverse logistics base
- Preservation and regeneration of the natural environment
- Association and cooperation with a variety of organizations
- Providing opportunities for environmental learning
- Creation of orderly port spaces
- Application of nature and new energies
- Ensuring a disposal area for dredged sand

Logistics Zone
Future Direction
- Tobishima and Nabeta Piers will become a container-handling base with a main focus on a megaport extension high standard container terminal.

- A logistics environment for multimodal transport that connects land, sea, and air traffic, including consolidation of the port's logistics function, expanded inland and shipping routes, and alliance with air freight service, will be further promoted.

- Logistics zones will be formed mainly in the west harbor area where an efficient and high-quality distribution service will be offered.

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- Our port will continue to preserve and utilize the natural environment in port areas including the Fujimi Tideland, and provide opportunities for environmental learning.

Zoning for Land Utilization
The Port of Nagoya envisages its future zoning for land utilization with consideration of its current situation and future vision for each area.

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- Future Direction
  - In order to meet requirements in the years to come, we have put aside the Port Island and the South B Section Expansion Area as reserved zones.

  - With an eye on social situations, our port strives to prepare to the greatest possible extent for future developments in concert with related organizations.

  - In the port's west area, distribution and production-related concerns will be introduced in accord with the surrounding land utilization.

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- Future Direction
  - The port's east and south areas provide sites for business accumulation with the aim of forming new manufacturing bases that caters to business and new development of existing industries, and establishment of new businesses.

  - Shiomii Pier will be utilized as an energy and chemical-related industrial area, while seeking new development and restructuring.

  - In the port's west area, distribution and production-related concerns will be introduced in accord with the surrounding land utilization.