

DECISION No. 1056/QĐ-TTg OF AUGUST 16, 2007, APPROVING THE MASTER PLAN ON THE CONSTRUCTION OF DUNG QUAT ECONOMIC ZONE, QUANG NGAI PROVINCE, UP TO 2020

THE PRIME MINISTER

Pursuant to the December 25, 2001 Law on Organization of the Government;

Pursuant to the November 26, 2003 Construction Law;

At the proposal of the Minister of Construction in Report No. 39/TTr-BXD of July 17, 2007, approving the draft master plan on the construction of Dung Quat economic zone, Quang Ngai province, up to 2020,

DECIDES:

Article 1.- To approve the master planning on the construction of Dung Quat economic zone, Quang Ngai province, up to 2020, with the following principal contents:

1. Planning scope

The zone covers 10,300 hectares of Quang Ngai province, embracing Binh Chanh, Binh Thanh, Binh Dong, Binh Thuan, Binh Tri and Binh Hai communes and a part of Binh Phuoc, Binh Hoa and Binh Phu communes of Binh Son district, and bordering on:

- The East Sea to the east;
- Binh Nguyen commune, Binh Son district, to the west;
- Binh Long, Binh Hiep and Binh Phu communes, Binh Son district, to the south; and,
- Chu Lai airport to the north.

2. Nature

- Dung Quat economic zone is a multi-purpose economic zone of various sectors, including industries, trade, services, tourism, urban centers and agriculture, forestry and fisheries, in which the

development of oil refinery, petrochemistry, chemistry and large-scale industries, including mechanical engineering, seagoing vessel building and repair, steel refining and rolling, cement production, consumer goods production and other industries, will be promoted in association with the effective exploitation of Dung Quat deepwater seaport, Chu Lai airport and logistics services for Van Tuong and Doc Soi urban centers.

- It is an urban-industrial-service center of the Central Vietnam key economic region.

- It is also an important international exchange center in the Central Vietnam and Central Highlands region.

3. Population and land area

a/ Population: The total population will be about 115,000-120,000 by 2015 and 165,000-190,000 by 2020, of which urban population will be about 43,000-52,000 by 2015 and 130,000-160,000 by 2020.

b/ Land area:

The total area of the economic zone is 10,300 hectares, including:

- Bonded warehousing zones (around 362 hectares), including two zones lying east of Tra Bong river (142 hectares) and west of Tra Bong river (220 hectares);

- A tariff zone (around 9,938 hectares);

- Industrial land (around 2,574 hectares);

- Land of tourist resorts (around 677 hectares);

- Land for construction of resettlement quarters, urban and rural residential quarters (around 532 hectares);

- Land for public facilities (around 160 hectares);

- Warehousing land (around 95 hectares);

- Land reserved for development (around 275 hectares);

- Land for building traffic and technical infrastructure facilities (around 640 hectares);

- Water surface, ecological greenery and other land (around 3,146 hectares).

4. Orientations for spatial development

a/ Functional quarters:

- The bonded warehousing zone (non-tariff zone) is arranged adjacent to Chu Lai airport and Dung Quat seaport to ensure convenience for external economic activities.

- Industrial parks, including East Dung Quat industrial park, West Dung Quat industrial park and a hi-tech industrial park:

+ East Dung Quat industrial park (around 1,668 hectares), including an oil refinery complex of a capacity of 6.5 million tons per year (375 hectares), a petrochemical-chemical industrial cluster (250 hectares), a shipbuilding cluster (250 hectares), a steel-rolling industrial cluster (197 hectares), steel-refining and -rolling industrial cluster (455 hectares), Doosan heavy industrial complex (110 hectares, including a special-purpose port), construction materials industry (31 hectares) and warehousing (95 hectares);

+ West Dung Quat industrial park (around 665 hectares), reserved for agricultural, forestry and fisheries product-processing industries, mechanical engineering, electronics, micro-electronics, automation, assembly, and civil and consumer goods production.

+ A hi-tech industrial park (around 250 hectares) reserved for testing, transfer and application of high technologies to production, which is located south of Van Tuong forest garden and east of the North-South road.

- Ports: Two main ports (of a total area of 378 hectares), including Dung Quat multi-purpose port located in Dung Quat gulf and a port reserved for the oil-refinery plant located in Viet Thanh gulf.

- Tourist resorts: To be located along the west bank of Tra Bong river and in Van Tuong area.

- Urban and rural residential quarters:

+ Resettlement quarters and rural residential quarters (around 532 hectares): To build resettlement quarters in service of ground clearance and compensation work, aiming to stabilize and improve the people's life and provide job training for people

to change to new jobs suitable to their ages.

To keep intact existing rural residential quarters while working out solutions to improving the people's living conditions.

+ Van Tuong new urban center will have a population of 35,000-40,000 by 2015 and 110,000-130,000 by 2020, with an urban construction land area of about 1,125 hectares;

+ Doc Soi urban center (excluding Chau O urban center) will have a population of around 8,000-12,000 by 2015, with an urban construction land area of about 292 hectares.

- **Centers:** Apart from trade and service centers in the bonded warehousing zone and urban centers, to build 2-3 service centers, each occupying a land area of about 35-60 hectares. Training, job-training and scientific research centers will be arranged in association with Van Tuong urban center.

- **Ecological greenery** in combination with coastal tourist resorts: To plant trees along beaches, rivers and lakes and on hills so as to create protective green belts and forest gardens.

b/ **Chu Lai airport:** Although Chu Lai airport lies outside the planning scope of Dung Quat economic zone, it is an important traffic hub of the whole region serving Chu Lai open economic zone, Dung Quat economic zone and surrounding areas.

c/ **Architectural planning structure and protection of natural landscape:**

- To level only land areas reserved for construction of works without affecting natural landscape, hills and water surfaces of rivers, springs and lagoons;

- To conserve the ecological systems of the sea, lagoons and fields while additionally planting appropriate trees in urban centers and tourist resorts;

- To rationally exploit beaches, renovate submerged areas, high mountains and hills and areas along rivers, canals and channels to create attractive greenery and tourist spaces.

5. Orientations for development of technical infrastructure facilities

a/ **Communications:**

- Roads

+ External roads

To build a new external east-west road in replacement of Doc Soi Dung Quat port route, running in parallel with and lying 1.4-1.6 kilometers south of the old route.

Major north-south external roads include: Road No. 1 linking the east-west external road north to the main road of Chu Lai economic zone; road No. 2 linking Dung Quat port to Van Tuong new urban center, and road No. 3 linking Dung Quat to Van Tuong new urban center, Quang Ngai city and southern districts of the province.

Static traffic and transport hubs: To organize four traffic junctions of different heights (each junction covering an area of 7-13 hectares), traffic squares, car terminals and two land bridges, and one railway bridge spanning Tra Bong river.

+ Internal roads

The internal traffic system of the economic zone must be in line with the road network determined in the master plan of Dung Quat industrial park and detailed plannings already approved by competent authorities. A system of oil pipelines from the oil refinery plant to petrol and oil depots will be built with a length of about 6.06 kilometers, a land-occupancy corridor of 50 meters and two safety corridors of 150 meters each.

- **Railway transport:** To build a railway route linking the national railway to Dung Quat port to the south of Tri Binh - Dung Quat port road; to build traffic junctions of heights different from those of main routes in the economic zone; to build a 15-hectare substation in the land area behind ports and a main station for connection to the national railway outside the economic zone.

- **Waterway transport:**

+ A multi-purpose port in Dung Quat gulf;

+ A port exclusively used for the oil-refinery plant in Viet Thanh gulf;

+ Tourist ports located along the coast of Van Tuong urban center.

- Airway transport: Chu Lai airport is an important external traffic center of Chu Lai open economic zone, Dung Quat economic zone and the whole surrounding areas.

b/ Land preparations:

- The construction height limits must be higher than the flood levels and take into account the flood frequency in each area;

- Rainwater drainage systems: All urban centers in Dung Quat economic zone will have separate rainwater drainage systems, which are divided according to principal basins and discharge water into the sea and Tra Bong river.

c/ Water supply:

- Water will be supplied from Thach Nham dam through B7 canal; when the need for water increases, water will be additionally supplied from Nuoc Trong lake.

- By 2015, the water supply norm will be 120 liters/person/day with 85% of population to be supplied with clean water, and by 2020, these figures will be 150 liters/person/day and 95%, respectively. Water for tourist development will be 300 liters/person/day while water for industrial production will reach water supply standards applicable to each industry.

d/ Wastewater drainage and environmental sanitation:

- Wastewater drainage and treatment norms will be based on water supply norms;

- The daily-life solid waste norm will be 1.0 kg/person/day by 2015 and 1.2 kg/person/day by 2020;

- Norm on collection and treatment of industrial solid wastes: 0.3 ton/hectare/day, calculated according to the construction area of each factory.

- Cemeteries: 0.06 hectare/1,000 persons.

- Separate systems must be built for wastewater and rainwater drainage in urban centers, tourist resorts and industrial parks. Wastewater will be collected and treated in stations up to Vietnam standard TCVN

5942-1995, level B, before being discharged into the environment.

- Industrial wastewater will be treated twice: To be partially treated in each plant then collected in cleaning stations of the industrial park for further treatment up to Vietnam standard TCVN 5945-1995, level B, before being discharged into the environment.

- Solid wastes will be classified at source, then collected and transported to the solid waste treatment site of Dung Quat industrial park.

e/ Electricity supply:

- Electricity for daily life: The electricity supply norm will be 700 kWh/person/year by 2015 and 1,000 kWh/person/year by 2020;

- Electricity for public services: The electricity supply norm will be equal to 30% of that for daily life.

- Electricity for industrial production will be based on the demand of each industry; electricity for warehouses will be 50-70 kW/hectare;

- Electricity will be supplied from the national electricity grid and additionally supplied from power plants of several industrial complexes through Doc Soi and Dung Quat 220 kV stations; Doc Soi 220kV station will be upgraded into a 500/220 kV station;

- Electricity grids: To include 110 kV 22 kV and 0.4 kV grids.

6. First-phase construction plan (up to 2015):

- Target: To step by step complete major technical infrastructure works, build resettlement quarters in service of resettlement and ground clearance, and invest in the construction of production sites, tourist resorts, service centers and infrastructure of new urban centers.

- Formation and development of functional zones:

+ To invest in the construction of resettlement quarters: Nam Doc Soi and Trung Minh (inside Doc Soi new urban center), resettlement quarters west and east of Tra Bong river, north of Ca Ninh river and Binh Thuan; to provide vocational training for resettled people to change their jobs and stabilize their life.

+ Development of industrial parks:

East Dung Quat industrial park: To synchronously perfect major technical infrastructure facilities, oil refinery plants and industrial clusters for which investment preparations have been completed.

West Dung Quat industrial park: To continue perfecting major technical infrastructure.

+ Development of tourist resorts: Thien Dang and Khe Hai tourist resorts (about 190 hectares, excluding water surface areas) and Van Tuong sport-ecological tourist resort (around 487 hectares).

+ Development of urban residential quarters:

North Van Tuong new urban center: To occupy an area of about 350-400 hectares in the first phase, with a population of about 35,000-40,000, excluding construction workers.

Doc Soi urban center: To occupy an area of about 120 hectares in the first phase, with a population of about 8,000-120,000.

Article 2.- Organization of implementation

To assign the People's Committee of Quang Ngai province to coordinate with Dung Quat Economic Zone Management Board in:

- Publicizing and managing construction according to the master plan on construction of Dung Quat economic zone up to 2020 in accordance with law;

- Making detailed construction plannings and construction investment projects in order to develop Dung Quat economic zone in line with the approved master plan on construction and current relevant legal documents.

Article 3.- This Decision takes effect 15 days after its publication in "CONG BAO."

The Ministers of Construction; Planning and Investment; Transport; Finance; Industry and Trade;

Agriculture and Rural Development; Natural Resources and Environment; and Culture, Sports and Tourism; heads of concerned agencies, the president of the People's Committee of Quang Ngai province, the director of the Dung Quat Economic Zone Management Board, and concerned organizations and individuals shall implement this Decision.

For the Prime Minister
Deputy Prime Minister
NGUYEN SINH HUNG