



Infrastructure in Singapore

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Introduction

About forty years ago, infrastructure in Singapore was characterized by overconcreting in the city, poor living conditions and obsolete technology. At present the scenario has changed. Today, Singapore is a vibrant city and an important global business hub, with high standards of living and clean and green environment.

The change in the scenario for infrastructure in Singapore did not come overnight. It was a result of proactive and targeted planning by the Singapore government. Singapore became a testimony to other developing nations, in terms of infrastructure being central to socioeconomic development.

A world class infrastructure facilitates delivery of information, goods and services, fuels economic growth and assists in achieving social objectives like improved living standards and education.

Introduction

Singapore's infrastructure development has been realized and accelerated by government agencies. The Government Council of Mass Rapid Transit (MRT) was established in 1987. It was the central pillar to the other 'Ring Concept' infrastructure projects built by the Central Executive Director through agencies and a rail system. The government followed the way of infrastructure and housing public housing projects.

Some of the most challenging obstacles for the Government were: infrastructure, high unemployment and inadequate public housing. The agencies: Housing and Development Board (HDB), Land Development Authority (LDA) and the Central Executive Director (CED) were given the responsibility to solve the problem. Land being scarce in Singapore, Housing and Housing Finance were crucial for the state.

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Introduction

Singapore's infrastructural development has been monitored and controlled by Government agencies. The Government Concept Plan was first developed in 1971. It was fine tuned later to formulate "A Ring Concept". High density satellite towns were linked to the Central Business District through expressways and a rail system. The government followed it by the way of slum clearance and massive public housing project.

Two of the most challenging concern for the Government after independence, were unemployment and inadequate public housing. Two agencies The Housing and Development Board (HDB) and the Economic Development Board (EDB) were given the responsibility to solve the problem. Land being scarce in Singapore, Housing and Housing Finance were crucial for the State.

Technology and Infrastructure

Singapore's transformation from an underdeveloped trading post to one of the world's most advanced ports was due to the development of modern infrastructure and a rapid adoption of technology. Singapore is well connected to the world by the way of top class airport, port and telecommunication infrastructure.

Changi International Airport

Changi International Airport is Singapore's national airport and air cargo terminal. The success of Changi International Airport has put Singapore on the map as a regional aviation and air cargo hub. It caters to 80 airlines serving more than 180 cities in over 50 countries. The three terminals at Changi Airport together can handle 70 million passengers a year. Since it commenced operation in 1981, it has won more than 250 awards.

The Changi Airfreight Centre (CAC) located at the Northern end of the airport is a 24 hour one stop service centre to airlines, cargo agents, shippers and consignees. The CAC is operated as a Free Trade Zone (FTZ), where cargo is easily moved, consolidated, stored or repacked without the need for documentation or customs duties. According to estimates, it handled 1.86 million tons of cargo in 2008.

PSA Singapore Terminals

PSA Singapore Terminals is Singapore's port and the world's busiest transshipment hub. Because of Singapore's strategic location, it is also a regional centre for shipping activity.

PSA Singapore Terminals operates 4 container terminals and 2 multipurpose terminals in Singapore, connecting all kinds of vessels-including container ships, bulk carriers and cargo freights-to a network of 200 shipping lines with connections to 600 ports in 123 countries.

It takes care of about one fifth of the world's total container transshipment throughput. It handled 29 million twenty foot equivalent units (TEUs) of containers in 2008. It is also one of the world's largest refrigerated container (reefer) ports with over 5000 reefer points, handling more than a million reefers in 2008.

Public Businesses

Frasers Centerpoint Ltd - is the property development and investment business Fraser and Neave, Limited (F&N). The Company is an international real estate company with three core businesses focused on residential property, commercial property and hospitality.

Amaru, Inc. - is in the business of broadband entertainment-on-demand, streaming via computers, television sets, personal digital assistant (PDAs) and the provision of broadband services

GuocoLeisure Ltd - is an international investment company. It operates in two hotel brands: Guoman Hotels and Thistle. The Company operates in five segments: oil and gas, property development, hotels, gaming, and others.

Healthway Medical Corporation Ltd - is a Singapore-based investment holding company. The Company is a healthcare provider with the network of medical centers and clinics in Singapore.

Private Businesses

PSA (Port of Singapore Authority) International Private Ltd - is one of the world's largest port operators. PSA Marine owns and operates a fleet of over 80 vessels in Singapore, Malaysia, Hong Kong, China, India, Australia and Oman.

AETOS Security Management – is a Private sector business in Singapore and it has merged the Auxiliary Police forces of CIAS, PSA Corporation and ST Kinetics as a result of an amalgamation exercise initiated by Temasek Holdings.

Jurong Port Pte Ltd is a port operator headquartered in Singapore. Jurong Port, which operates the only multi-purpose port in Singapore, handles bulk, break bulk and containerized cargo. The Port welcomes over 40,000 vessel-calls annually.

Telecommunications

Singapore offers a world class telecommunications infrastructure and its efforts to bring every citizen to the information highway is taking shape. According to information released by Infocomm Development Authority, May 2009, Singapore is the most wired country in the world, with a household broadband penetration rate of 115.2%.

According to an assessment made by the International Telecommunication Union (ITU), Singapore ties with the US as the least expensive place in the world to make a phone call or surf the internet using a broadband connection.

All in all, Singapore's extensive connectivity, coupled with a pro-business environment and legal and regulatory framework make the island an ideal e-commerce hub.

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Some of the most challenging objectives for the Government were: infrastructure, urban development and multiple public housing. The agencies: Housing and Development Board (HDB), Land Development Authority (LDA) and the Central Executive Director (CED) were given the responsibility to achieve the goals. Land being scarce in Singapore, Housing and Housing Finance were crucial for the state.

Background Information

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A word cloud featuring the word "THANK YOU" in the largest, most prominent font. Surrounding it are various translations of "thank you" in different languages, including Spanish, Arabic, Persian, and others. The words are arranged in a roughly rectangular shape, with some oriented vertically and others horizontally. The background is white with a light blue header and a grey footer.

THANK YOU

GRACIAS

ARIGATO

SHUKURIA

JUSPAXAR

DANKSCHEEN

TASHAKKUR ATU

YAGHANYELAY

SUKSAMA

BIYAN

SHUKRIA

TRAKCI

GRAZIE

MEHRBANI

PALWES

GOLABADITA

EPHADISTO

KOHUPANBIDA

MAKKE

BOLZIN

MERCI