



SOLUTIONS

contributing to

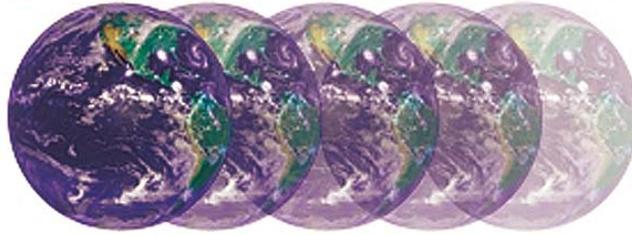
INTERNATIONAL COMPETITIVENESS

and

ECONOMIC DEVELOPMENT

as part of

THE BUILT ENVIRONMENT



PROVIDING SOLUTIONS

focused on the need for

INTERNATIONAL COMPETITIVENESS

resulting from

- ❑ **Technological Advances**
- ❑ **Expanding Markets**
- ❑ **Sustainable Development**
- ❑ **Increased Competition**
- ❑ **Public Private Partnerships**

with a focus on

Advanced Facilities

Transportation - Logistics

and

Master Planned Environments

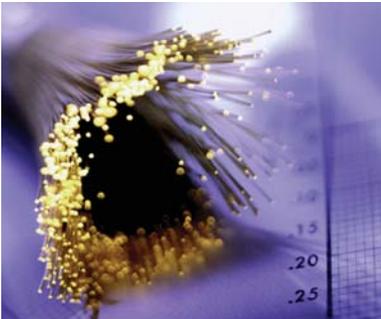




Container Terminal



Manufacturing and Logistics



**Next Generation
Telecommunications**



Tradeport

THE NEED TO ACHIEVE INTERNATIONALLY COMPETITIVE SOLUTIONS

The New World Economy, with its focus on competitive solutions and global trade, requires an understanding of both technical and business issues.

These use new concepts and techniques to achieve solutions that are both financially and economically viable.

This is relevant to the development of individual facilities, transportation hubs, and master developments, in addition to the creation of sustainable environments.

As a result, both the public and private sectors are motivated to continually reinvent themselves, seeking to increase their overall productivity and cost effectiveness while improving their competitiveness.

This requires them to evaluate their existing situation, while seeking new and imaginative operational, organizational, facility and infrastructure alternatives.

Technical and business solutions need to be complemented by a sensitivity to the environment, seeking to reduce energy consumption, while making use of renewable energy sources as a sustainable solution.

To achieve these goals use is made of overarching solutions, which achieve the synergies needed to create for a competitive living working and recreation environment.

Consideration must further be given to the profit driven (financial) and strategically motivated (economic) goals of the private and public sectors.

This is often be achieved by means of a PPP (Public Private Partnership) methodology with its associated financial structures.

INNOVATION - THE NEXT GENERATION

The evaluation of new and alternative operations, technologies, materials organizational structures and financing mechanisms is important to any competitive strategy.

Innovation requires both the knowledge of concepts and techniques used in competing countries and associated industries.

This is complemented by the ability to adopt relevant cross technologies from other industry sectors, including the use of Next Generation systems and solutions.

Innovative applications need to be considered in terms of their applicability, cost effectiveness and the risks that may impact cost and schedule objectives.





The Supply Chain

EVOLUTION OF THE GLOBAL SUPPLY CHAIN

The trend towards free trade agreements and the global outsourcing of manufacturing and service activities is part of the evolution of the Global Supply Chain.

This resulted in the development of integrated multimodal (sea, air, land) transportation systems and the development of smart and secure transportation tradelanes.

The Supply Chain has further grown to incorporate product development, order taking and fulfillment functions with the objective of both creating and moving new products to the end user.

This commences with research and development followed by commercialization, manufacturing and logistics functions.

It further involves the provision of back office and service functions as part of a global network, which takes advantage of the creation of Next Generation Information Technology and Communications Networks.



Container Security

SECURITY

The globalization of trade and increased terrorist threats that followed 9/11 have resulted in a new focus on security.

This incorporates initiatives driven by the DHS (Department of Homeland Security) of the USA, the European Union and other nations, which have the objective of meeting more stringent security needs while facilitating trade.

In addition, the World Customs Organization, has created a framework of Standards to secure and facilitate Global Trade.

The ability to address these requirements with new and imaginative solutions are critical to the efficiency and cost effectiveness of at transportation hubs and their associated logistics networks.



Agro Industry for Export

A SUSTAINABLE ENVIRONMENT

Competitive solutions need to address the environment in terms of their overall impact, including energy conservation requirements while achieving a sustainable operation.

This trend is addressed both in the creation of individual facilities and major infrastructure programs. To achieve this, applicable LEED and ISO developed standards are often used.

However in order to make a significant impact, consideration must be given to operational issues in addition to the built environment as part of an overarching plan.



High Speed Rail





Perishable Air Cargo



Land-Sea Ro-Ro Transport



Passenger Terminal



Aircraft Maintenance

SPECIFIC AREAS OF EXPERTISE

Franco Eleuteri & Associates' knowledge, built from the participation on projects on an international basis, across numerous industry sectors, enables it to assist its clients and in the planning, development, and implementation of solutions which meet their specific needs.

Knowledge has been gained with experience in the following principal fields:

- **Research and development** in the definition of facilities and techno parks for the development and commercialization of new products
- **Advanced manufacturing**, incorporating just in time and balanced production, manufacture to order, postponement and modular manufacturing techniques
- **Distribution and logistics** for the warehousing and transportation of product in the most cost effective manner, while using time critical and time definite modes of transportation
- **MRO operations** for line and heavy maintenance aircraft activities including hangar, shop and support environments
- **Transportation** in the movement of passengers and freight, while using integrated multimodal transportation modes, remote processing and twinning techniques
- **Information Technology** - communications and web based applications providing broadband connectivity and the use of real time system applications as part of the Global Supply Chain
- **Logistics Gateways, Inland Distribution Networks and Inland Ports**, as integral parts of the supply chain, providing countries or regions to compete as part of the Global Supply Chain
- **Special - Free Trade and Industrial Zones or Cities**, which provide a unique environment for people to live and/or work and effectively participate as part of free world economy
- **Master Planned Environments**, including multifunctional (mixed use) live, work, recreate environments, satellite cities and sustainable developments
- **Structured Finance** including the use of BOT, BOOT, concessions, and Public Private Partnerships as a means to implement projects or programs, while being both financial and economically driven objectives.





Freight Focused Airport



Intermodal Rail



Master Planned Development



Industrial Park

REPRESENTATIVE CLIENTS - ASSIGNMENTS

Key staff at Franco Eleuteri and Associates have as a result of their work gained first hand experience working with clients in the Americas, Europe, the Middle East, Africa, Japan and Asia.

This has involved them in the following representative projects and initiatives:

Transportation and Logistics - Undertaking assignments at such transportation hubs as the Kansai, Incheon, Hong Kong, O'Hare , Dallas / Fort Worth, Brussels-Leeuven and John F. Kennedy airports, in addition to major seaport and inland ports worldwide.

The development of facilities and the land/sea/air transportation solutions, for such Clients as ; Union Pacific, Federal Express, DHL, TNT, CSX, Japan, Northwest and Malaysia Airlines, Polar-Atlas and Air Canada.

The creation of Special Economic Zones, Industrial Cities, Logistics Gateways, Inland Ports and Transportation Networks in Europe, North America, Asia and Africa, including:

- ❑ The definition of the Competitive Strategy and Master Plan for Hong Kong as an International and Regional Transportation and Logistics Hub
- ❑ The planning of the Navi Mumbai SEZ, in India as a Logistics Gateway and Multifunctionopolis
- ❑ The planning of the Dube Tradeport in KwaZulu – Natal, South Africa.

Multifunctional and Master Planned Environments - The involvement in numerous master developments, examples of which include:

- ❑ Greater Paulding Forest, a satellite city and self sustainable development, which was recognized by the United States Department of Commerce for the annual award "Excellence for Innovation in Economic Development"
- ❑ The Kaesong New Industrial City and Special Economic Zone adjoining the DMZ in Korea as a landmark project, which is part of the reunification initiative
- ❑ The Shanghai Lingang Global Tradeport as a 2,700 hectare logistics park adjoining the deep water Yangshan Port with a capability of 25 million TEUs p.a.





Satellite City

Manufacturing – Research and Development - The development and implementation of advanced facilities which included work for such major MultiNational Corporations as:

Boeing - McDonnell Douglas, General Dynamics, Hyundai, General Electric, Lockheed, General Motors, Ford, Kawasaki Heavy Industries, Sunbeam-Oster, Alcon Labs (Nestle) and Iffa-Merrieux, Chromalloy, Dynamit Nobel Silicon, Sara Lee., Barilla and Aris Isotoner.

This includes the redevelopment of existing facilities in addition to the creation of new facilities or techno-industrial parks.



Organic Herb Production

SERVICES

Franco Eleuteri & Associates was established in 2004 as a “boutique” organization with a focus on providing specialist services in the fields of:

- *Management Consulting*
- *Planning*
- *Project Development*
- *Project Implementation*



Logistics Gateway

This involves it in providing services ranging from limited planning or review assignments to more comprehensive consulting and engineering tasks.

As part of our work we typically assist in providing solutions, while bringing value derived from our experience in diverse market - sectors on an international basis.

This we achieve as an independent entity or by working with partners as part of a project team.

Our goal is to assist clients to develop and implement internationally competitive solutions which are financially viable, while providing a means for job creation and economic development.

This enables them to meet the challenges of the New World Economy while creating a sustainable environment.



Wildlife Conservation Area

CONTACT

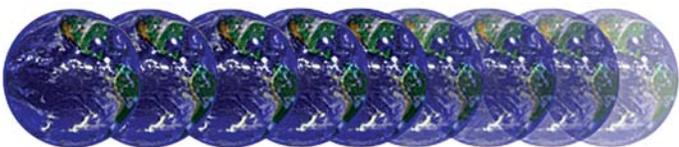
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