

**How and Why to Invest in
Controlled Atmosphere Storage,
Multipurpose Cold Storage, Food,
Vegetables & Fruits Storage,
Refrigerated Warehousing, Cold
Chain, Warehouse & Rural Godowns
Project Setup**

*(Multi-commodity Cold storages for short
term and long term storage)*

Introduction

Cold Storage is a special kind of room, the temperature of, which is kept very low with the help of machines and precision instruments.

The cold storage facilities now available are mostly for a single commodity like potato, orange, apple, grapes, pomegranates, flowers, etc. which results in poor capacity utilization.

Fruits and vegetables have a very short shelf life after harvest. In order to prevent post-harvest losses, they have to be processed immediately or stored under refrigerated conditions.

The estimated annual production of fruits and vegetables in the country is about 130 million tonnes accounting to 18 per cent of our agricultural output.

Moreover, the lack of cold storage and cold chain facilities are becoming major bottlenecks in tapping

the vast potential.

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The Indian Government focus on incentivizing the manufacturing sector is the key to growth of warehousing. With the growth of the domestic manufacturing and retail segments, the demand for efficient warehouse management service has improved. Investment in warehouse can provide an opportunity of realizing returns in the range of 12%-20% per annum to investors willing to explore this sector.

The current scenario reveals that there is a tremendous scope for the development of cold chain facilities. The Cold Chain industry is recognized as a sunrise sector in India and is expected to offer significant opportunities in the near future. Developing an integrated supply chain, including cold chain can save up to 300 billion annually and at the same time reduce the wastage of perishable horticulture produce.

Cold Storage - Opportunities

- There is a huge scope for development and investment in this sector
- Frozen foods segment is growing at 20-25% year-on-year
- Dairy segment is growing at around 10-15% year-on-year
- Replacement demand is very high as a number of companies are using old equipment which consume high amounts of power; smart power saving cold storage equipment's market is seeing an uptrend

- **International companies are not keen on building the cold storage network per se, but are focusing primarily on selling and marketing refrigeration equipment**
- **Government is trying to help players who are interested in investments by providing subsidies and tax incentives**

This handbook is designed to provide a thorough understanding and analysis of the cold chain industry and warehouse management. Also it contains addresses of plant & machinery suppliers with their photographs. The major content of the book are Controlled Atmosphere Storage, Types of Cold Storage, Thermal insulation & Refrigeration System, Refrigeration, Food Storage Guidelines for Consumers, Bananas Cold Storage,

Cold Storage Plant- Automation, Absorption Refrigerator, Cold Chain, Growth of Cold Storage Industry, Cold Chain and Refrigeration, Shipping Containers, Cold Chain Monitor, Warehouse, NABARD Warehousing Scheme, Rural Godowns.

It will be a standard reference book for professionals, entrepreneurs, food technologists, those studying and researching in this important area.

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**Download Sample of
Detailed Project Report on
Cold Storage**

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Niir Project Consultancy Services (NPCS)
can provide **Comprehensive Guide Book on**
Cold Storage, Cold Chain & Warehouse
(with Controlled Atmosphere Storage & Rural Godowns)

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An ISO 9001:2008 Company

Who are we?

- One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services
- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad

What do we offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Business Plan
- Industry Trends
- Market Research Reports
- Technology Books and Directory
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- Entrepreneur India (An Industrial Monthly Journal)

How are we different ?

- We have two decades long experience in project consultancy and market research field
- We empower our customers with the prerequisite know-how to take sound business decisions
- We help catalyze business growth by providing distinctive and profound market analysis
- We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors
- We use authentic & reliable sources to ensure business precision

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations

Sectors We Cover

- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling

Sectors We Cover *Cont...*

- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct

Sectors We Cover *Cont...*

- Copper & Copper Based Projects
- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing

Sectors We Cover *Cont...*

- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitality Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries

Sectors We Cover *Cont...*

- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.

Sectors We Cover *Cont...*

- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.

Sectors We Cover *Cont...*

- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals

Sectors We Cover *Cont...*

- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

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