



# Investment Opportunities in PET Polyester Acoustic Panel



## High Profit Startup Business Ideas for Beginners



# Introduction

PET Polyester Acoustic Panels are an acoustically absorbent panel made from 100% PET plastic with a felt-like finish. These Polyester Acoustic Panels are Porous in nature which makes it ideally suitable for Acoustic Treatment, sound absorption, Heat and thermal insulation. Polyester Acoustic Panels are sound absorbing panels developed with environmental friendliness in mind. The panels are made up of 100% polyester, 60% recycled fiber, and are 100% recyclable. Panels offer many environmental advantages and are an honest alternative to a standard fabric wrapped fiberglass panel.

**Related Projects:- [Project Reports & Profiles](#)**



Polyester fiber acoustic panel is made of 100% polyester fiber and is bonded by heat rather than chemical adhesive. It's suitable for installation of walls and ceiling. Polyester fiber acoustic panels offer unique acoustic performance as compared to traditional acoustic panels. Characteristics of polyester fiber acoustic panels include light weight & flexibility, very high tension, dimension maintenance even in high humidity & temperature, conservation of color sunlight, unaffected surface on wetting, and simply expandable. Other features of polyester acoustic panels include formaldehyde-free, no binding agents, odorless and dust-free, no risk of skin irritation or respiratory problem, PET-recycled content, and 100% recyclable.

**Books:- BOOKS & DATABASES**



Acoustic panels control echo and reverberation during a room. Most ordinarily won't to resolve intelligibility issues in commercial soundproofing treatments. Most panels are constructed with a wooden frame, crammed with sound absorption material (mineral wool, fiberglass, cellulose, open cell foam, or combination of and wrapped with fabric. Acoustic Panels also are mentioned as Sound Absorption Panels, Soundproof Panels, or Sound Panels.

### **Type of Absorber Panels**

Wooden Acoustic Panels

Mineral Wool Acoustic Panels

Fabric Acoustic Panels

Polyester Acoustic Panels

**Market Research: - [Market Research Report](#)**

## **Benefits of Panel**

- Environmentally friendly
- Formaldehyde free
- No chemical irritants
- Odor and dust free
- 60% recycled content / 100% recyclable
- Impact and abuse resistant
- Tackable

Polyester fiber acoustic panel is formed of 100% polyester fiber and is bonded by heat instead of chemical adhesive. It is suitable for installation of walls and ceiling. Polyester fiber acoustic panels offer unique acoustic performance as compared to traditional acoustic panels.

Characteristics of polyester fiber acoustic panels include light weight & flexibility, very high tension, dimension maintenance even in high humidity & temperature, conservation of color in sunlight, unaffected surface on wetting, and easily expandable. Other features of polyester fiber acoustic panels include formaldehyde-free, no binding agents, odorless and dust-free, no risk of skin irritation or respiratory problem, PET-recycled content, and 100% recyclable.

**Related Projects:- Plastics, Polymers and Resins, Polypropylene (PP), Polystyrene (PS)**



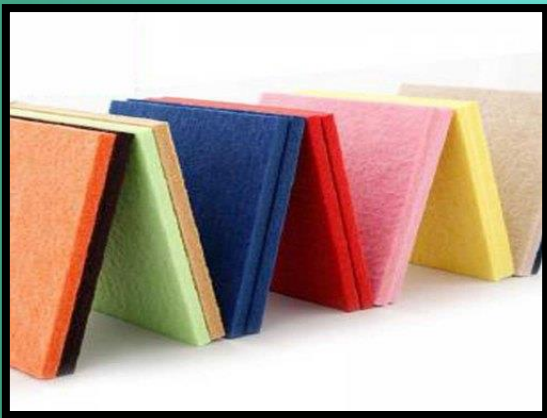
## **Applications**

- Building and Construction
- Industrial
- Transportation
- For Walls
- For Floors
- For Interior Fittings
- For False Ceilings
- For Ceilings
- Home Application

**Related Projects:- Project Reports & Profiles**

- Entertainment Application
- Workplace Application

**Related Books:-** Plastics And Polymers, Polyester Fibers, Pet & Preform, Medical, Expanded Plastics, Polyurethane, Polyamide, Polyester Fibers





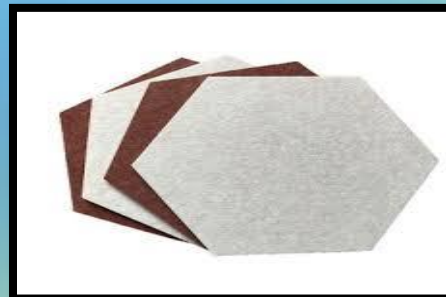
## Market Outlook

Growing demand for sound absorption materials within the industry including music studios, corporate workplaces, cinema halls, and auditoriums will provide a positive scope for acoustic insulation penetration during the forecasted timeframe. Increasing focus for improving the building infrastructure to supply peaceful and convenient environment publicly places has led to an increase in installation of sound barriers across the highways, [construction](#) sites, airport runways, railway stations etc. Further, constructive indicators from the workout centres, gyms, industrial sound absorption, control rooms, cabinets, and shipbuilding segments hold potential opportunities for the product growth globally.

**Related Project:** - [PET Polyester Acoustic Panel Production](#)

Fiberglass/Glass wool product segment may witness significant gains at over 5% by 2025. Growth in construction spending as well as stringent regulations with a significant emphasis on sustainability and efficient energy usage will promulgate the segment growth within the industry. Additionally, key features like being odour less, having a natural brown tinge, fire-resistance, and manufacture via recycled glass bottles, softer texture, and lower energy consumption will further influence the product demand. Building & [Construction](#) segment accounted for more than 35% of the overall acoustic insulation market share in 2018.

**Related Projects:- [Project Reports & Profiles](#)**



## **Polyester Fiber Acoustic Panels Market**

Recent key areas of development include the utilization of natural polyester fibers having the property of sound insulation. Because of having excellent heat insulation property, [polyester acoustic panels](#) are able to prevent thermal transmission between the within and out of doors of the door, as a wall, or ceiling. During this way, energy is saved, life-cycle of air-conditioning is extended, and cozy temperature are often maintained. Because of the hearth resisting property of polyester, polyester fiber acoustic panels are used as fireproofing materials. They are doing not release any toxic gas that's harmful to the layer. However, because of high elasticity property, polyester fiber acoustic panels get easily broken by external forces.

**Related Projects:-** [Project Reports & Profiles](#)

Surface layer or supporting materials aren't required in polyester fiber acoustic panels. [Polyester fibers acoustic panels](#) are expandable and may be printed with different variety of drawings. They are doing not change with temperature fluctuation. Limited maintenance is required in these panels as dust on the panels can easily be removed. Various forms of polyester fiber acoustic panels are undergoing development, such as, low density insulation panels and hot-pressed medium to high density composite panels. Geographically, the polyester fiber acoustic panels market are often divided into North America, Europe, Asia Pacific, Middle East & Africa, and Latin America. Asia Pacific is expected to be a rapidly growing marketplace for polyester fiber acoustic panels during the forecast period.

**Books:- [BOOKS & DATABASES](#)**

Europe occupies the second position in terms of volume growth of the polyester fiber acoustic panels market. North America is expected to grow at a steady growth. The market of the acoustic panel is significantly growing round the globe within the present era. The acoustic panel is positively utilized to decrease the noise and control the sound within the several dissimilar spaces which involves both the residential and commercial spaces. They are available during a wide variability of the sizes, varieties and colors. Increasing the urbanization in both the developed and underdeveloped regions, increasing the aim on the inside designing and increasing the disposable incomes of the singles are the substantial driving aspect of the market round the globe.

**Books:- [BOOKS & DATABASES](#)**

Furthermore, the businesses within the worldwide acoustic panel are positively developing the productivity of the product and services and providing the wide satisfaction. On the idea of type, the market of acoustic panel is split into Wooden Acoustic Panels, mineral wool Acoustic Panels, Fabric Acoustic Panel, Polyester Acoustic Panels and a number of other others. However, the polyester fiber acoustic panel serve the unique acoustic functions as associated to the outmoded acoustic panels. The characteristics of the polyester acoustic panels involve the sunshine weight and flexibility, very wide tension, dimension conservation even within the wide humidity and temperature, conservation of the colour in sunlight, unaffected surface on wetting, and straightforwardly foldout.

**Related Projects:- [Project Reports & Profiles](#)**

## **Key Players:-**

- B A S F Polyurethanes India Ltd.
- Kingspan Jindal Pvt. Ltd.
- Owens Corning Inds. (India) Pvt. Ltd.
- Saint-Gobain India Pvt. Ltd.

Key players operating in the polyester fiber acoustic panels market include Offecct, Korea supplier Hueintek Inc., Acustica Integral, Acoustical Solutions, Abstracta, Gotessons, Knoll Textiles, and Kurage.



**Feeding Machine**



**Double Roller Calender Machine**





**PIECE CUTTING MACHINE**



**BATT FEEDER**

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site							
Development Exp.	0.00	320.00	320.00	Capital	0.00	262.03	262.03
Buildings	0.00	315.00	315.00	Share Premium	0.00	0.00	0.00
				Other Type Share			
Plant & Machineries	0.00	285.75	285.75	Capital	0.00	0.00	0.00
Motor Vehicles	0.00	10.00	10.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation							
Equipments	0.00	53.00	53.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow				Internal Cash			
Fees & Exp.	0.00	15.00	15.00	Accruals	0.00	0.00	0.00
Franchise & Other				Long/Medium Term			
Deposits	0.00	0.00	0.00	Borrowings	0.00	786.09	786.09
Preliminary& Pre-							
operative Exp	0.00	2.00	2.00	Debentures / Bonds	0.00	0.00	0.00
Provision for				Unsecured			
Contingencies	0.00	27.60	27.60	Loans/Deposits	0.00	0.00	0.00
Margin Money -							
Working Capital	0.00	19.76	19.76				
							1048.1
TOTAL	0.00	1048.11	1048.11	TOTAL	0.00	1048.11	1

# Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/Book Value
	EPS	CEPS	Per Share		Per Share	Per Share		%		No.of Times	%
1-2	6.72	9.98	16.72	24.00	0.00	100.00	6.72	0.00	6.72	1.00	0.00
2-3	9.29	12.13	26.01	18.00	0.00	100.00	9.29	0.00	9.29	1.00	0.00
3-4	11.82	14.31	37.83	12.00	0.00	100.00	11.82	0.00	11.82	1.00	0.00
4-5	14.30	16.49	52.13	6.00	0.00	100.00	14.30	0.00	14.30	1.00	0.00
5-6	16.73	18.64	68.86	0.00	0.00	100.00	16.73	0.00	16.73	1.00	0.00

# Project at a Glance

Year	D. S. C. R.			Debt / Equity - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%	%			
Initial				3.00	3.00									
1-2	1.45	1.45		1.44	1.44	1.55		43.04%	30.20%	20.39%	684.53	79.23%	0.78	0.84
2-3	1.75	1.60		0.69	0.69	0.78		46.97%	37.12%	24.14%	797.49	79.12%	0.84	1.59
3-4	2.10	1.75	2.10	0.32	0.32	0.39		49.64%	42.02%	26.89%	911.39	79.11%	0.85	2.54
4-5	2.50	1.92		0.12	0.12	0.17		51.45%	45.55%	28.92%	1025.29	79.11%	0.82	3.67
5-6	2.98	2.10		0.00	0.00	0.05		52.68%	48.11%	30.44%	1139.19	79.11%	0.77	14.36

BEP	
BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	34.77%
Total BEP (% of Installed Capacity)	39.17%
IRR, PAYBACK and FACR	
Internal Rate of Return .. ( In %age )	26.26%
Payback Period of the Project is ( In Years )	2 Years 3 Months
Fixed Assets Coverage Ratio ( No. of times )	2.021

## **Major Queries/Questions Answered in the Report?**

- 1. What is PET Polyester Acoustic Panel Manufacturing industry ?**
- 2. How has the PET Polyester Acoustic Panel Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of PET Polyester Acoustic Panel Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up PET Polyester Acoustic Panel Manufacturing plant ?**

- 5. What is the structure of the PET Polyester Acoustic Panel Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up PET Polyester Acoustic Panel Manufacturing Business?**
- 7. What are the operating costs for setting up PET Polyester Acoustic Panel Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up PET Polyester Acoustic Panel Manufacturing plant ?**

**9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up PET Polyester Acoustic Panel Manufacturing plant ?**

**10. What are the requirements of raw material for setting up PET Polyester Acoustic Panel Manufacturing plant ?**

**11. Who are the Suppliers and Manufacturers of Raw materials for setting up PET Polyester Acoustic Panel Manufacturing Business?**

**12. What is the Manufacturing Process of PET Polyester Acoustic Panel ?**



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- 5.2. IS 2264: 1963 (REAFFIRMED YEAR: 2016) PREFERRED FREQUENCIES FOR ACOUSTICAL MEASUREMENTS.
- 5.3. IS 2526: 1963 (REAFFIRMED YEAR: 2015) CODE OF PRACTICE FOR ACOUSTICAL DESIGN OF AUDITORIUMS AND CONFERENCE HALLS.
- 5.4. IS 9001: PART 16: 1985 (REAFFIRMED YEAR: 2016) GUIDANCE FOR ENVIRONMENTAL TESTING: PART 16 ACOUSTICS NOISE TEST.
- 5.5. IS 9736: 1981 (REAFFIRMED YEAR: 2015) GLOSSY OF TERMS APPLICABLE TO ACOUSTICS IN BUILDINGS.
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## **Reasons for Buying our Report:**

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

# Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

## **Scope of the Report**

**The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on PET Polyester Acoustic Panel.” provides an insight into PET Polyester Acoustic Panel market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of PET Polyester Acoustic Panel project. The report assesses the market sizing and growth of the Indian PET Polyester Acoustic Panel Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:**

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the PET Polyester Acoustic Panel sector in India along with its business prospects. Through this report we have identified PET Polyester Acoustic Panel project as a lucrative investment avenue.**

# Tags

**#petpolyester      #acousticpanel      #acoustic      #blackcatacoustics**  
**#acousticpanels      #acousticfabricpanel      #diyacousticpanels**  
**#acousticwallpanels      #DetailedProjectReport      #businessconsultant**  
**#BusinessPlan #feasibilityReport #NPCS #startupideas**



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**NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.**

**Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.**

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- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,**

**Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)**



# **Contact us**

## ***NIIR PROJECT CONSULTANCY SERVICES***

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# **Niir PROJECT CONSULTANCY SERVICES**

**AN ISO 9001: 2015 CERTIFIED 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*

*We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.*

*We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.*

## What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *Technology Books and Directory*
- *Industry Trend*
- *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 & Hospitability 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



# MARKET RESEARCH REPORTS

## Objective

- ⌘ To get a detailed scenario of the industry along with its structure and classification
- ⌘ To provide a comprehensive analysis of the industry by covering aspects like:
  - ⌘ Growth drivers of the industry
  - ⌘ Latest market trends
  - ⌘ Insights on regulatory framework
  - ⌘ SWOT Analysis
  - ⌘ Demand-Supply Situation
  - ⌘ Foreign Trade
  - ⌘ Porters 5 Forces Analysis

## Objective

- ∞ To provide forecasts of key parameters which helps to anticipate the industry performance
- ∞ To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- ∞ To help an entrepreneur/manager in keeping abreast with the changes in the industry
- ∞ To evaluate the competitive landscape of the industry by detailing:
  - ∞ Key players with their market shares
  - ∞ Financial comparison of present players

## **Clientele**

- ⌘Venturist/Capitalists
- ⌘Entrepreneur/Companies
- ⌘Industry Researchers
- ⌘Investment Funds
- ⌘Foreign Investors, NRI's
- ⌘Project Consultants/Chartered Accountants
- ⌘Banks
- ⌘Corporates

**[Click here for list](#)**

# Data Sources



# Scope & Coverage



## Our Team

- ⌘ Our research team comprises of experts from various financial fields:
- ⌘ MBA's
- ⌘ Industry Researchers
- ⌘ Financial Planners
- ⌘ Research veterans with decades of experience

## Structure of the Report

- 1. Overview
- 2. Market Analysis
  - 2.1 Growth Drivers
  - 2.2 Emerging Trends in the Industry
  - 2.3 Regulatory Framework
  - 2.4 SWOT Analysis
  - 2.5 Herfindahl–Hirschman Index (HHI)
- 3. Market Forecasts
- 4. Key Players



# Structure of the Report

*Cont*

- ⌘5. Key Financials and Analysis
  - ⌘5.1 Contact Information
  - ⌘5.2 Key Financials
  - ⌘5.3 Financial comparison
- ⌘6. Industry Size & Outlook

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**THANK YOU**

**For more information, visit us at:**

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