

***Projects on Disinfectants, Pesticides, Insecticides, Mosquito Repellents, Destroyers, Phenyl, Fertilizer, Fungicides, Herbicides, Plant Regulator, Plant Growth Regulator, Mixture, Intermediates, Agrochemicals, Bio Stimulate, Growth Activator, Organic Pesticides, Melamine, Mosquito Coils and Mats, Black Phenyl, Liquid Organic Fertiliser (Biofertiliser), Naphthalene Balls, Surfactants***

**Indian Agrochemicals Market to Reach \$6.8 Bn by FY17**

**Freeing from infection or infection-producing organisms.**

**An agent that does this. Heat and certain other physical agents such as live steam can be disinfectants, but in common usage the term is reserved for chemical substances such as mercury bichloride or phenol. Disinfectants are usually applied to inanimate objects since they are too strong to be used on living tissues. Chemical disinfectants are not always effective against spore-forming bacteria.**

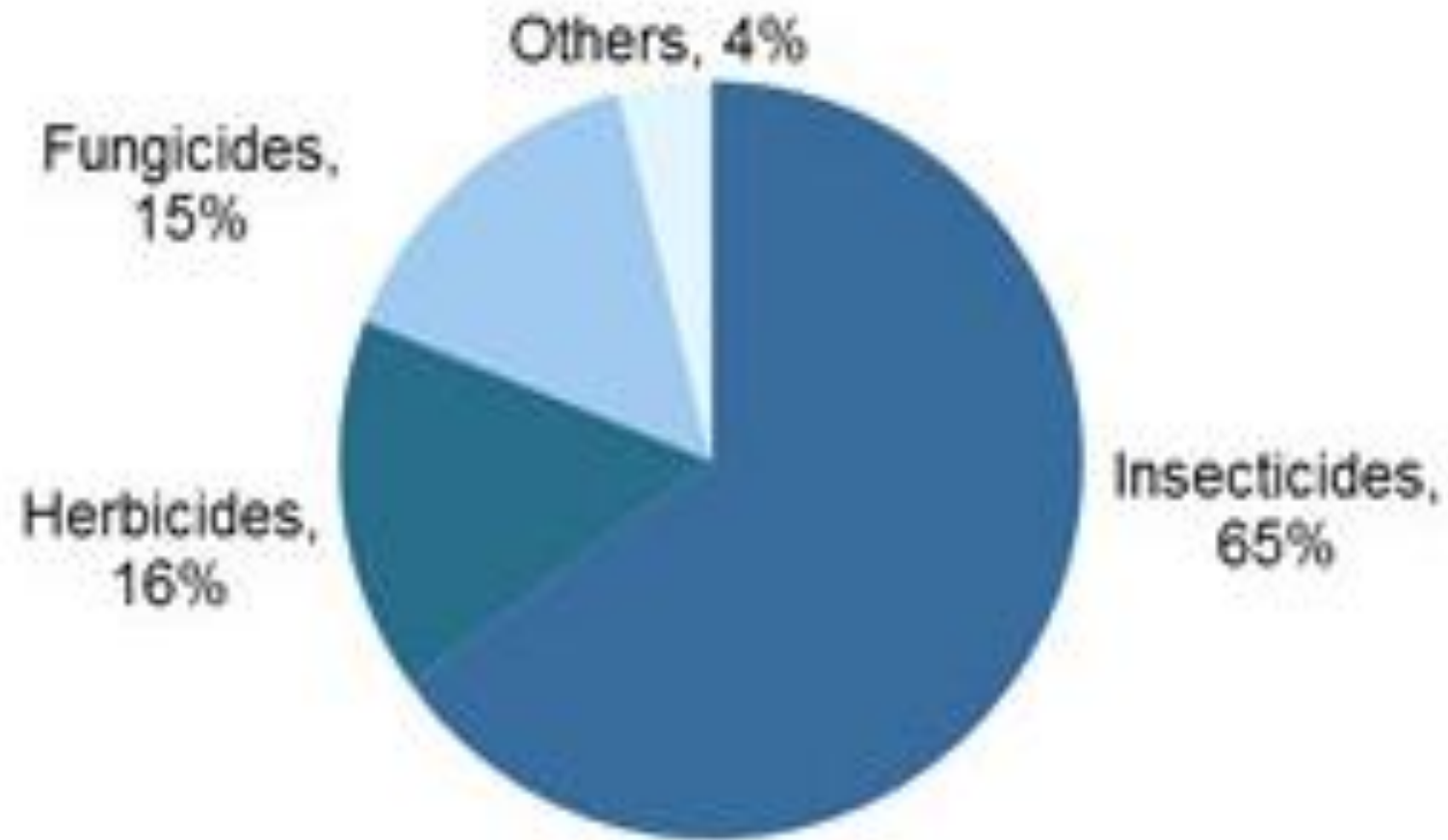


## **Market Outlook**

**Indian crop protection market was estimated at \$ 3.8 billion in FY12 with exports constituting about 50% of the market. The crop protection market has experienced strong growth in the past and is expected to grow further at approximate 12% p.a. to reach \$ 6.8 billion by FY17. The growth would be largely driven by export demand which is expected to grow at 15-16% p.a, while domestic demand is expected to grow at 8-9% p.a. Biopesticides, which currently represent only 4.2% of the overall pesticide market in India, are expected to exhibit an annual growth rate of about 10% in the coming years.**

**Indian crop protection industry is largely dominated by insecticides which form about 65% of share of the industry. Other segments like herbicides, fungicides and other (rodenticides/nematocides) form 16%, 15% and 4%, respectively.**

# Market Share by Segments



**The Pesticide Industry in India is growing rapidly and is marked by presence of a large number of unorganized players.**

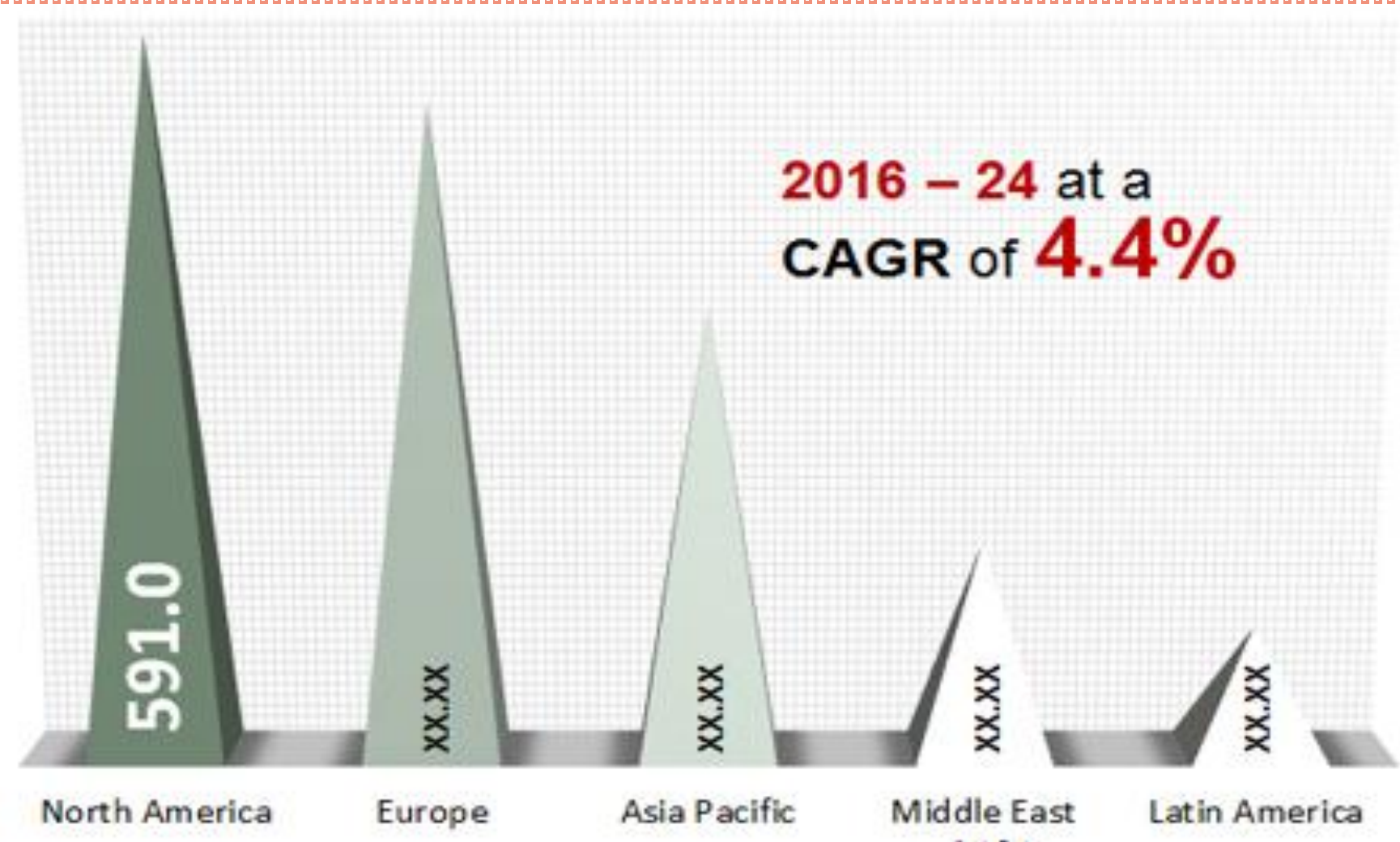
**The pesticides market has been significantly projected to grow in the next five years, reaching revenue worth INR 484.0 billion by FY' 2020. This growth performance has been primarily anticipated on account of increased awareness amongst Indian farmers, rising product innovation and declining prices of pesticides.**

**The global market for agricultural disinfectants has been expanding at a steady pace across most regions, driven primarily by the rising demand for meat products in India and China. The rapid growth of the agricultural disinfectant market is also attributed to the increase in research and development activities in order to improve the quality as well as efficacy of disinfectants.**



**The global market for agricultural disinfectants was valued at USD 1.64 Billion in 2015 and is projected to grow at a CAGR of 4.3% from 2016, to reach USD 2.11 Billion by 2021.**

# Global Agricultural Disinfectant Market



**Mosquito Repellent Market is expected to garner \$4.8 billion by 2022, registering a CAGR of 7.7 % during the forecast period 2016 - 2022.**

# Global Mosquito Repellent Market Segmentation



**The mosquito repellent market is one of the rapidly growing vibrant markets in FMCG sector India. Due to increase awareness regarding vector borne disease, the demand for mosquito repellent products like coils, strips, liquid vaporizers, etc. are rising than before, thereby providing high momentum to the Indian Mosquito repellent market. Mosquito Repellent has become a gripping market for new product developments and innovation where producers are trying to convince consumers through aggressive campaign and advertizing that they should adopt mosquito repellent products to improve home hygiene and to be protected from mosquito borne disease. The penetration of mosquito repellent products is low, especially in rural India, but this offers the enormous opportunities to Indian mosquito repellent industry.**

**India Mosquito Repellent Market has been growing with a CAGR of 4.79% from last five years and is projected to reach new heights by the year 2021 due to rising incidence of vector borne disease in India, growing awareness regarding prevention of mosquitoes, brand awareness, increasing disposable income, growing demand in middle class people and affordable price of mosquito repellent products.**

**Indian agricultural fertilizers market is anticipated to be growing at the CAGR of around 7% during 2012-17. Indian fertilizers market structure constitute of public as well as private companies, manufacturing wide range of phosphatic and nitrogenous based fertilizers.**

**Global fungicides market generated revenue of \$11,335 million in 2015 and is expected to reach \$16,780 million by 2022, registering a CAGR of 5.8%.**

# See more

<https://goo.gl/ryPDS7>

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# Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on

Disinfectants, Pesticides, Insecticides, Mosquito  
Repellents, Destroyers, Phenyl, Fertilizer,  
Fungicides, Herbicides, Plant Regulator, Plant  
Growth Regulator, Mixture, Intermediates,  
Agrochemicals, Bio Stimulate, Growth Activator,  
Organic Pesticides

## ➤ **Melamine**

**Melamine is chemically known as cyanurtriamide or 2, 4, 6 triaminosyntriazine. It forms compounds by combination of carbon, hydrogen and nitrogen. It is toxic compound by ingestion, skin and eye irritant. There has immense industrial importance for the manufacturing of different variety of organic chemical compound like melamine.....[Read more](#)**

## ➤ **Mosquito Coils and Mats**

**Repellents have been developed to effectively repel insects. Repellents are substances that protect animals, human beings, plants or products from insect attack by making living conditions unattractive or offensive for the insects. E.g. flies, mosquitoes etc. These substances, may not be poisonous or only mildly toxic. The production of the mosquito coil dates back from the period around 1890.....[Read more](#)**

## ➤ **Black Phenyl**

**Phenyl is a disinfectant or agent that frees from infection, is ordinarily a chemical agent, which kills disease germs or other harmful microorganisms. It has been used in an empirical way for at least several thousand years. The control of microorganisms is obviously of great personal and public importance. Phenyl is available in two forms (1) liquid and (2) solid.....[Read more](#)**

## ➤ **Liquid Organic Fertiliser (Biofertiliser)**

**Liquid organic fertiliser or Bio fertiliser new days has increased market. There is new decrease in the inorganic fertiliser market. Liquid organic fertiliser made by the use of extracted organic materials and other natural products mainly. There is virtually market demand increase day by day due to increase demand of organic foods. New in India this liquid base organic fertilizer or bio fertilizer new imported from European countries.....[Read more](#)**

## ➤ Pesticides

**Pesticides are substances meant for attracting, seducing, destroying or mitigating any pest. They are a class of biocide. The most common use of pesticides is as plant protection products (also known as crop protection products), which in general protect plants from damaging influences such as weeds, diseases or insects. A pesticide is a chemical or biological agent (such as a virus, bacterium, antimicrobial, or disinfectant) that through its effect deters, incapacitates, kills, or otherwise discourages pests.....[Read more](#)**

## ➤ Potassium Sulphate (Fertilizer Grade)

Potassium sulphate is an important chemical fertilizer is preferably used for tobacco and citrus crops which is one of the most vital input for agriculture. With the increasing trend to multiply cropping in a year the needs for fertilizer is increasing. India provides a very good future prospect for the fertilizer industry.....[Read more](#)

## ➤ **Naphthalene Balls**

**Naphthalene C<sub>10</sub>H<sub>8</sub>, sometimes called 'TARCAMPHOR' is a colourless crystalline-flaked solid with the familiar odour of moth balls. Naphthalene C<sub>10</sub>H<sub>8</sub> is an aromatic hydrocarbon with two condensed ring aromatic compounds. The use of Naphthalene as an insect repellent has dwindled in recent years as other materials, e.g. p-dichlorobenzene, have displaced it.....[Read more](#)**



➤ **Surfactants (Hand Wash, Floor Cleaner, Toilet Cleaner, Phenyl Black and White, Glass Cleaner, Dish Wash Liquid, Air Freshener)**

**Profile Surfactants are compounds that lower the surface tension of a liquid, the interfacial tension between two liquids, or that between a liquid and a solid. Surfactants may act as Air freshener, detergents, wetting agents, emulsifiers, foaming agents, and dispersants. Surfactants are usually organic compounds that are amphiphilic, meaning they contain both hydrophobic groups (their tails) and hydrophilic groups (their heads).....[Read more](#)**

## For more details visit at:

- [Disinfectants, Pesticides, Insecticides, Mosquito Repellents, Destroyers, Phenyl, Fertilizer, Fungicides, Herbicides, Plant Regulator, Plant Growth Regulator, Mixture, Intermediates, Agrochemicals, Bio Stimulate, Growth Activator, Organic Pesticides](#)
- [The Complete Technology Book on Pesticides, Insecticides, Fungicides and Herbicides with Formulae & Processes](#)
- [Soaps, Detergents and Disinfectants Technology Handbook](#)
- [Surfactants, Disinfectants, Cleaners, Toiletries, Personal Care Products Manufacturing and Formulations](#)
- [Modern Technology of Soaps, Detergents & Toiletries \(with Formulae & Project Profiles\)](#)

# Major Queries/Questions Answered in our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Project Feasibility of the Plant?**
- 3. What are the requirements of Working Capital for setting up the plant?**
- 4. What is the structure of the industry and who are the key/major players?**

- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**

- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
- 11. What is the Manufacturing Process and formulation of the plant?**
- 12. What is the total size of land required for setting up the plant?**
- 13. What will be the income and expenditures for the plant?**
- 14. What are the Projected Balance Sheets of the plant?**

- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**

- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**

# Reasons for buying our report:

- **The 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**
- **The report provides vital information on the product like it's characteristics and segmentation**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**



- **The 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**

*Visit us at:*

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# Contact us

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**Website : [www.entrepreneurindia.co](http://www.entrepreneurindia.co) , [www.niir.org](http://www.niir.org)**

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# ***NIIR PROJECT CONSULTANCY SERVICES***

**An ISO 9001:2015 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?

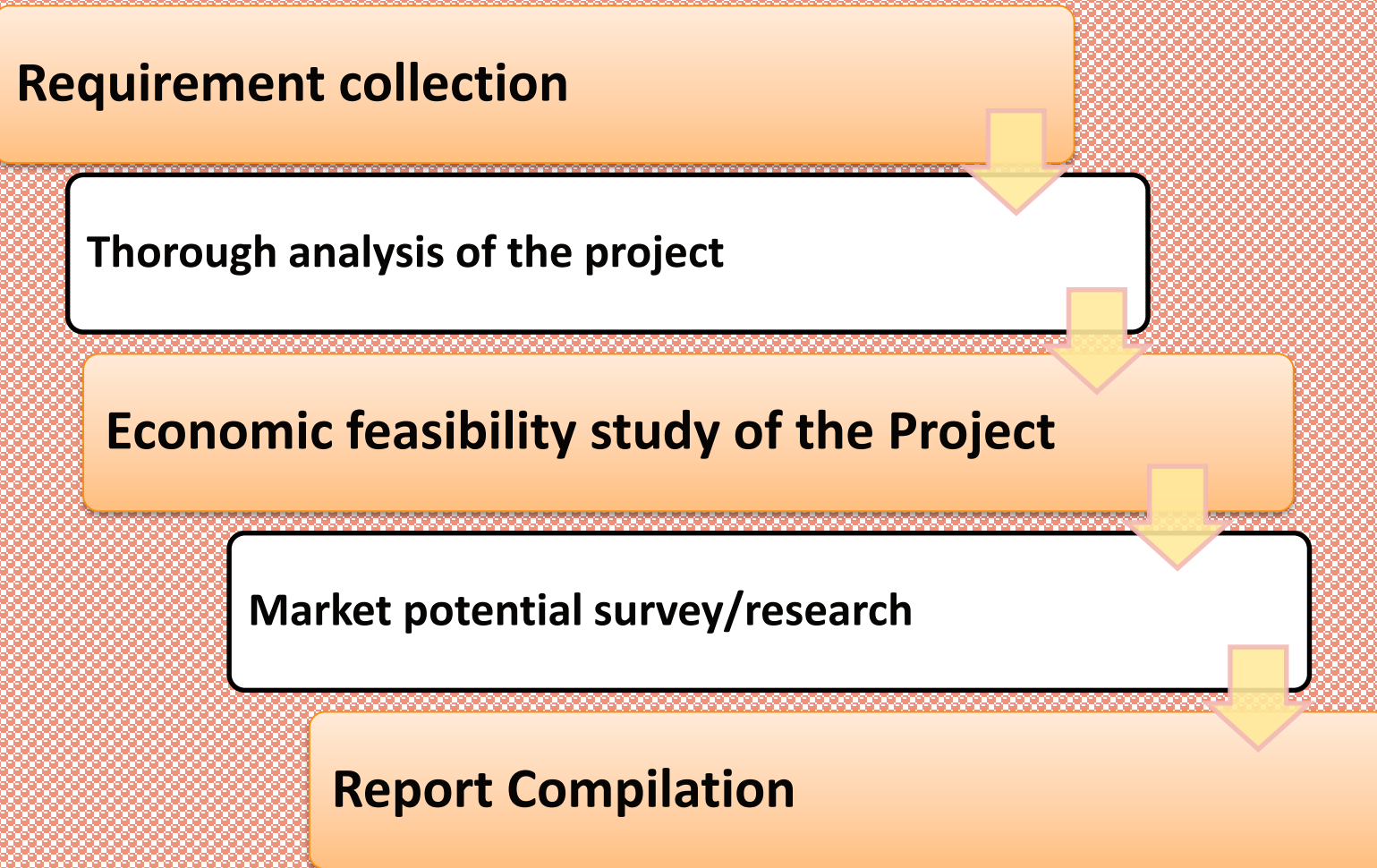
- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Market Research Reports*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An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



# 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*

- *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*

- *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*

- *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*



- *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.*

- *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.*

- *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*

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

## Contact us

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