



Dyestuff , Dyes, Pigments and Dye Intermediates Projects

(Acid Dyes, Basic Dyes, Dye Intermediates, Beta-Naphthol, Vat Dyes, Indigo Dyes, Aniline, Cotton Yarn Dying, Dyeing of hank Yarn for Power Loom)

Introduction

Dye is a natural/synthetic substance that finds application for adding a color/altering existing color shade. As a coloring material, dyes are used to color commodities of day to day use and can be applied everywhere including

- Plastic toys for children**
- Fabrics worn**
- From products like food**
- Wood items**

Pigments are generally coloured, organic or inorganic solid powder, and usually are insoluble. They are not affected physically or chemically in the substrate in which they are incorporated. Pigments can give a full range of colours. Pigments have a variety of applications that includes plastics, ink, and coating applications.



Market Outlook

Global dyes and pigments market is expected to drive owing to augmenting coloring needs of various end use industries ranging from construction to coatings. Rising demand for high performance pigments (HPP) and increased consumer preference towards environmental friendly products is expected to further propel global industry demand over the forecast period. Dyes and pigments have a wide range of applications including paper, paints & coatings, plastics, construction, textiles and printing inks.

Global dyes and pigment market is segmented on the basis of applications and product. Application segment is further divided into textiles, printing inks, leather, paper & specialty, paints & coatings, plastics, construction and others.

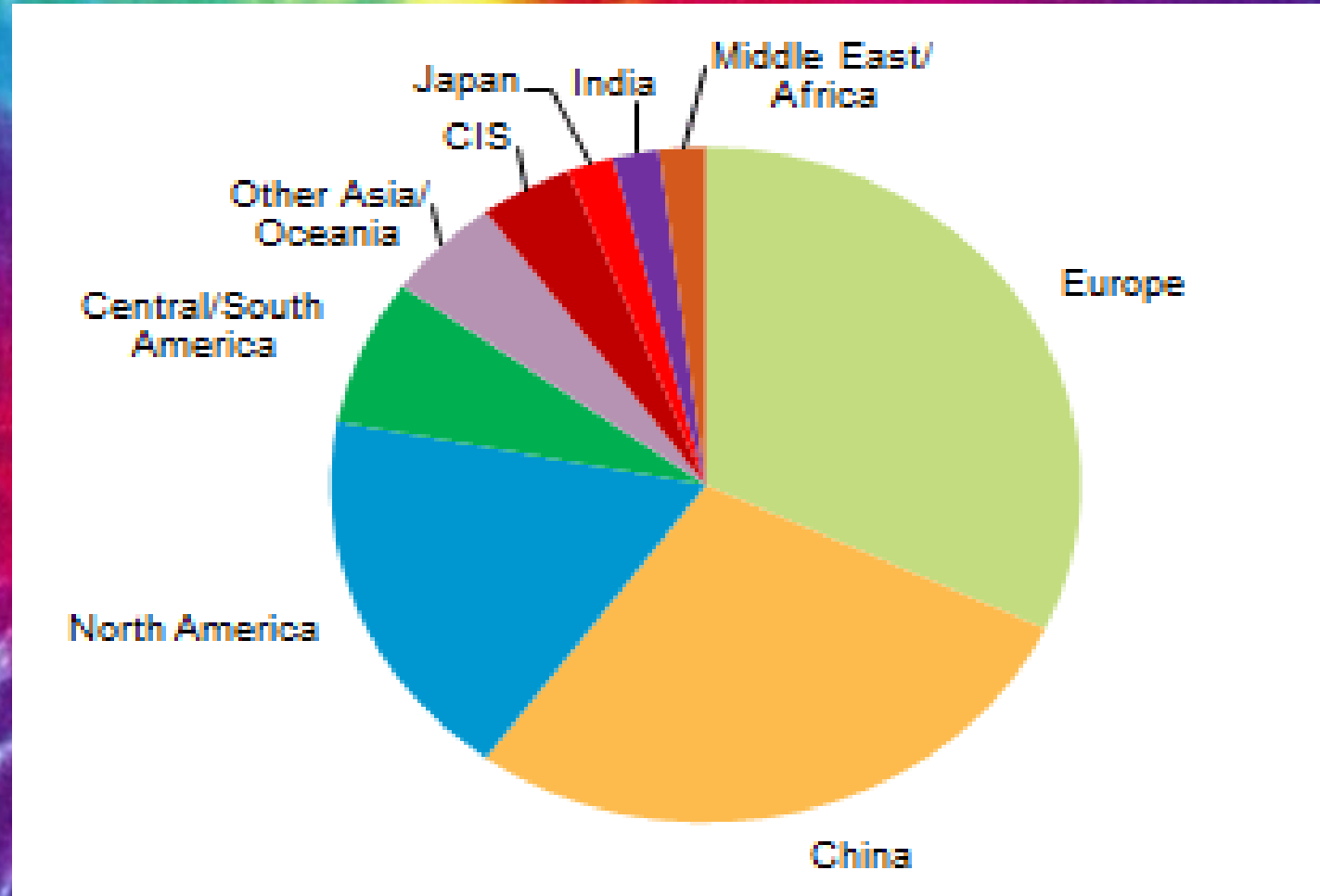
The global dyes & pigments market is projected to grow from USD 32.86 Billion in 2016 to USD 42.00 Billion by 2021, at a CAGR of 5.0% from 2016 to 2021.

The acid dyes and organic pigments subsegment of the type segment of the global dyes & pigments market are projected to grow at the highest CAGRs between 2016 and 2021.

The Indian dyestuffs and pigments industry has transformed from being import dependent to an export driven industry.

The Global market for dyes, pigments and dye intermediates is estimated at about US \$ 23 billion consisting of dyes and pigment market of 1.3 million tonnes valued at US \$ 16 billion and dye intermediates market of US\$ 7 billion.

Global Consumption of Inorganic Color Pigment



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

Dyestuff , Dyes, Pigments and Dye
Intermediates Projects

➤ **Beta-Naphthol**

Beta-Naphthol is the most important dye-intermediate which is employed in the manufacture of other prominent intermediates, which in turn are used commercially in the production of a large number of dyes and fine chemicals. It is colourless crystalline solid and it is soluble in alkali but sparingly soluble in water....[Read more](#)

➤ **Vat Dyes**

The vats in general had the reputation of being deficient in both brilliance and tinctorial strength when used as pigments. The major problem with vat dyes is that they are not easily dispersible in the substrate and hence no tinctorial value. It was mainly Harmon colours in the United States. Who did some very valuable pioneering work in this direction....[Read more](#)

➤ **Indigo Dyes**

Dyes are the name given to the chemicals by which a comparatively permanent colour is imparted to certain bodies, of which the most important are the textile fibers....[Read more](#)

➤ **Aniline**

Product Profile Aniline is an organic base used to make dyes, drugs, explosives, plastics, and photographic and rubber chemicals. Aniline is an organic compound with the formula C₆H₅NH₂. Consisting of a phenyl group attached to an amino group, aniline is the prototypical aromatic amine. Being a precursor to many industrial chemicals, its main use is in the manufacture of precursors to polyurethane....[Read more](#)

➤ **Cotton Yarn Dying**

Through bringing about a permanent union between the dyes and the yarn/fabric the yarns/textile are so colored that the colour is fast and is not ordinary removed by such operation viz. Washing, rubbing, sunlight etc....[Read more](#)

➤ **Dyeing of hank Yarn for Power Loom**

It is difficult to separate the development of art of dyeing and the development of the synthetic dyestuff industry. Indigo and Alizarine also their methods of application were known the introduction of synthetic equivalents added nothing to the dyer's technique. Similarly the development of a range of derivatives or the introduction of synthetic reducing agent merely provided the dyers with new tools....[Read more](#)

For more details visit at:

- **[Dyestuff , Dyes, Pigments and Dye Intermediates Projects](#)**
- **[Textile Spinning, Processing, Natural Fibers, Natural Dyes, Pigments, Textile Dyes, Pigments, Dye Intermediates, Woollen Spinning, Weaving, Knitting, Dyeing Technology](#)**

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 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**

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NIIR PROJECT CONSULTANCY SERVICES

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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*
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- *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

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*

- *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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