

# **15 Billion Big Industries of the Future?**

## **Fast-Growing Industries to Consider when Starting a Business**

*(NPCS Newsletter - Issue 112018)*



***Today, tens of thousands of people are considering starting a business, and for good reasons. Throughout the world, small and medium scale manufacturing is considered as a profitable business for startup entrepreneurs. Some of the most lucrative industries are light engineering, paper, food processing, rubber, leather, chemical, and agrochemical industry. Apart from these household products, some construction-related products are also in high demand. Small and medium scale industries play the significant role in the GDP.***

*Small and medium sized enterprises play a central role in the Indian economy. They are a major source of entrepreneurial skills, innovation and employment. SME businesses are the biggest contributor to the economy of any country and the same goes with Indian economy. In fact, SME is one of the most crucial sectors of Indian economy as far as the number of employments generated from this segment. As more than 65% of Indian population lives in rural and semi-rural areas, small business becomes a major source of income for many residing in these areas. After agriculture, small business in India is the second largest employer of human resources.*

***Manufacturing Business ideas  
that you can initiate as  
micro, small, and medium scale  
basis.***

# Projects Covered in this Issue

- *Optical Fiber Cable*
- *Bioplastic Film*
- *Bioplastic Carry Bags and Garbage Bags*
- *HDPE and uPVC Pipes*
- *Dry Lemon Powder and Lemon Oil*
- *Gypsum Mining for Production of Plaster of Paris Powder*
- *Biodegradable Plastic Bags from Corn Starch*

# Projects Covered in this Issue

- *Cow Urine (Gomutra) Processing and Packing*
- *Chocolate*
- *Residential Apartment*
- *Cement Plant*
- *Soft Gelatin Capsules*
- *Bakery Products (Cake & Filled Croissants Puffs)*
- *Admixtures Plant (Water Retarding Admixtures for Concrete)*
- *Calcium Bromide*

## Detailed Project Report On Optical Fiber Cable

***Cabling is the process of packaging optical fibers in a cable structure for handling and protection. An optical fiber (or fiber) is a glass or plastic fiber that carries light along its length. Fiber optics is the overlap of applied science and engineering concerned with the design and application of optical fibers. Optical fibers are widely used in fiber-optic communications, which permits transmission over longer distances and at higher bandwidths (data rates) than other forms of communications. India optical fiber cables (OFC) market is projected to grow at a CAGR of 17% through 2023. [Read more](#)***

## Detailed Project Report On Bioplastic Film

***Biodegradable plastics are the type of plastics that undergo decomposition over a period of time under composting conditions. A bioplastic is a plastic that is made partly or wholly from materials derived from biological sources, such as sugarcane, potato starch or the cellulose from trees and straw. Bioplastic film compounds are used for products like shopping bags, fruit and vegetable bags as well as for labels, agricultural applications and a lot more. The biopolymer films market is slated to cross USD 6 billion by 2024. In 2018, global demand for these polymers is 360,000 metric tons, [Read more](#)***



## Detailed Project Report On Bioplastic Carry Bags and Garbage Bags

*Bioplastic shopping bags, carrier bags, or plastic grocery bags are a type of bioplastic bag used as shopping bags and made from various kinds of bioplastic. A bioplastic carrier bag also looks exactly like a traditional carrier bag. Additionally, the bioplastic carrier bag is just as strong and sturdy with the same capacity and tensile strength. The big difference is the environmentally friendly degradation of the waste and CO2 neutral impact of the biomass used. The bags offered by us are 100% compostable. The packaging applications are expected to experience significant growth with biodegradable mulch films,*

[Read more](#)

## Detailed Project Report On HDPE and uPVC Pipes

***HDPE resins with low ductility can lead to unexpected cracking in the pipe. These HDPE pipes and fittings have a high degree of corrosion resistance, are light in weight. Yet tough and durable, have excellent, hydraulic properties, excellent thermal properties, weather ability. HDPE pipe has been used for decades in non-potable water applications. uPVC (unplasticized polyvinylchloride) pipes and fittings exhibit excellent resistance to aggressive environments both naturally occurring and as a result of industrial activity. uPVC pipes remain neutral to all transported fluids. [Read more](#)***

## Detailed Project Report On Dry Lemon Powder and Lemon Oil

*Spray dried lemon juice powder was used to enhance the acceptability and nutritive value. It reserves the most of bioactive ingredients of lemon and also its property (color, smell, and taste) Ingredient: Vitamin c, citric acid, malic acid. Lemon Essential Oil is a natural detoxifier and contains antiseptic properties that aid in clearing the face from pimples and acne. By doing so, lemon also tightens the skin, preventing wrinkles, and removes excess Oils that clog pores and cause blackheads.*

*According to Lemons and Limes - Market Report, Analysis and Forecast to 2025", [Read more](#)*

## Gypsum Mining for Production of Plaster of Paris Powder

*Gypsum is a soft sulfate mineral composed of calcium sulfate dihydrate, with the chemical formula  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ . It is widely mined and is used as a fertilizer, and as the main constituent in many forms of plaster, blackboard chalk and wallboard. Gypsum is the most common sulfate mineral. Pure gypsum is white, but other substances found as impurities may give a wide range of colors to local deposits.*

*Gypsum is an important raw material used in the manufacture of cement. Consumption of gypsum varies from 2 to 6% in different plants depending upon the quality of clinker. [Read more](#)*

[Detailed Project Report On](#)  
[Biodegradable Plastic Bags from Corn Starch](#)

***Corn starch has 25% amylose and 75% amylopectin. The amylose molecules loose lose water increase biodegradation characteristic and amylopectin molecule is responsible for plasticizer properties. Corn starch used in making biodegradable plastic bags. Biodegradable plastic bags are made of polymers that degrade, or decompose, when exposed to air, water, or sunlight.***

***Biodegradable Plastics Market by Type (PLA, PHA, PBS, Starch-Based Plastics, Regenerated Cellulose, PCL), by Application (Packaging, Fibers, Agriculture, Injection Molding, and Others) -***

[Read more](#)

[Detailed Project Report On](#)  
[Cow Urine \(Gomutra\) Processing and Packing](#)

***Gomutra is not a toxic waste material. 95% of it is water, 2.5% consists of urea, and the remaining 2.5% is a mixture of minerals, salts, hormones and enzymes. Gomutra or gaumutra cow urine is urine from cows used for therapeutic purposes in traditional Indian medicine, Ayurveda and also for purification in VaastuShastra. Cow urine has bio enhancing activity for Rifampicin, the front-line anti-tubercular drug used against tuberculosis, increasing its action up to sevenfold against Escherichia coli, and up to 11-fold against Gram-positive bacteria. There are more than 50 units processing cow urine in India. [Read more](#)***

## Detailed Project Report On Chocolate

*The chocolate and confectionery products industry has traditionally been subject to significant fluctuations in demand. Chocolate is a key ingredient in many foods such as milk shakes, candy bars, cookies and cereals. Chocolates are the favourite item of children. Its primary feature is that it is solid at room temperature of 20 - 25 deg. C and yet melts rapidly in the mouth at 37 deg. C giving a liquid, which appears smooth to the tongue.*

*It is expected that India chocolate industry will be growing at the CAGR 23% by volume between the years 2013-2018 and reach at 3, 41,609 Tons. [Read more](#)*

## Detailed Project Report On Residential Apartment

*Residential Apartment is a part of Housing, which has encouraging scope or development. House is a very complex term. A standard residential building of bungalow type with has drawing room, dining room office room, guest room, kitchen room, store, pantry, dressing room, bathroom, front verandah, stairs etc.,*

*Housing finance companies (HFCs) have been significantly contributing to the industry's growth. They have been at the forefront addressing financial needs of the segment at the base of the pyramid and have gained a significant market share in India's mortgage market. [Read more](#)*



## Detailed Project Report On Cement Plant

***Cement is the binder component of concrete, the glue that holds the filler together to create a uniform, strong material. The filler in concrete consists primarily of aggregate particles. Cement is a material with adhesive and cohesive properties which make it capable of bonding minerals fragments into a compact whole. It can be defined as any substance, which can join unite two or more pieces of some other substance together to form a unit mass.***

***Cement demand is expected to increase by 5.0-5.5% y-o-y in FY18 on back of increased spends on roads and railways, [Read more](#)***

## Detailed Project Report On Soft Gelatin Capsules

***Soft gelatin (also called softgel or soft elastic) capsules consist of one piece hermetically-sealed soft shells. Soft gelatin capsules are prepared by adding a plasticizer, such as glycerin or polyhydric alcohol (e.g., sorbitol), to gelatin. The plasticizer makes gelatin elastic. Soft gelatin capsules come in various shapes such as spherical, elliptical, oblong, and special tube shapes with and without twist off.***

***The demand of the soft gel capsules is increasing due to the available customization facilities for the molds and content as per customer needs. [Read more](#)***

## Detailed Project Report On Bakery Products (Cake & Filled Croissants Puffs)

***Bakery holds an important place in food processing industry and is a traditional activity. Bakery products, due to high nutrient value and affordability, are an item of huge consumption. Due to the rapid population rise, the rising foreign influence, the emergence of a female working population and the fluctuating eating habits of people, they have gained popularity among people, contributing significantly to the growth trajectory of the bakery industry.***

***India is a major manufacturing house for bakery products and is the third- largest biscuit manufacturing country after USA and China. [Read more](#)***

## [Admixtures Plant \(Water Retarding Admixtures for Concrete\)](#)

*Water reducers, retarders, and super plasticizers are admixtures for concrete, which are added in order to reduce the water content in a mixture or to slow the setting rate of the concrete while retaining the flowing properties of a concrete mixture. Admixtures are used to modify the properties of concrete or mortar to make them more suitable to work by hand or for other purposes such as saving mechanical energy. The use of WRA may accelerate or retard the initial setting time of concrete. Rate of concrete admixtures market growth is highly influenced by construction industry in developing economies and worldwide markets will hit \$18.10 billion by 2020, [Read more](#)*

## Detailed Project Report On Calcium Bromide

*Calcium bromide is the calcium salt of hydrobromic acid with the chemical formula of  $\text{CaBr}_2$ . It is concentrated hygroscopic powder which will absorb water from the air. Calcium Bromide Powder dissolves in water and other brines, yield completion work over and packer fluids of densities upto 2.3 gm/ml (19.2 lb/gal). Calcium bromide is used as a component of drilling and completion fluids which are used to maximize the productivity of an oil well, to minimize site erosion of the well, and to aid in the shutdown of the well. The bromine derivatives market is pegged to be a high value market. [Read more](#)*

# Tags

Optical Fiber Cable Manufacturing Business, Production of Bioplastic Film, Bioplastic Carry Bags and Garbage Bags Manufacturing Industry, Production of HDPE and uPVC Pipes, Dry Lemon Powder and Lemon Oil Production, Gypsum Mining for Production of Plaster of Paris Powder, Production of Biodegradable Plastic Bags from Corn Starch, Cow Urine (Gomutra) Processing and Packing, Chocolate Production, Residential Apartment, Cement Plant, Soft Gelatin Capsules Production Business, Bakery Products (Cake & Filled Croissants Puffs), Admixtures Plant (Water Retarding Admixtures for Concrete), Calcium Bromide Production, Highly Profitable Business Ideas, Business Ideas with Small Capital, Top Best Business Ideas for Beginners, How to Start Business in India, Top Business Ideas in India for Starting Your Own Business, Top Small and Medium Business Ideas in India, Small scale industries projects ideas, Project profile on small scale industries, Industrial Project Report, Project consultant, Project report for bank loan, Project report for bank finance, Project report format for bank loan in excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel, Best Industries for Starting a Business,

Which Small Scale Industry is Best to Start in India Now? Best Industries for Starting Business, Top Profitable Business Ideas in India, Best Business Ideas, Best Business Ideas for Rural Areas in India & World, How to Start Small Business, How to Start Successful Business, How to Start Your Business, Industrial Project Report, Low Cost Business Ideas, Manufacturing Business Ideas with Low Investment, Manufacturing Business: Profitable Small Scale Industry, Modern Small and Cottage Scale Industries, Most Profitable Business in India, Start Your Own Business, Most Profitable Manufacturing Business to Start, Startup Business Plan, Top Small Manufacturing Business Ideas In India to Start, What are High Profitable Low Risk Factory Manufacturing Business What is Best Manufacturing Business to Start in India?, Which is Best Business to Start and Grow in India, Which Industry is Best to Start in India Now? Top Best Small Business Ideas, Best Industries for Starting a Business Right Now, Industries that will Really Boom, Business Ideas with Great Potential, Growing Industries for Starting a Business, Projects on Small Scale Industries

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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*

*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*
- *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*
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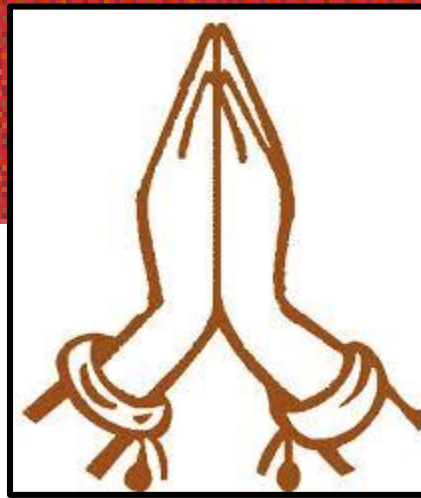
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