

## Depression Quantitative Analysis of Other Parts of the Building Sector with Nano Products

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**Abstract:** Of any construction company it does not run. What people should know that the expectations and coordination processes must be conducted? Management of the environment is not be closed. Even if something is not there should be formal and be understood by the staff. In general, the process management coordinating a series of things that are a common objective must be to do a special order. People management is very different because people character, ability, perseverance and their efforts and other factors vary with time. Management people need attention, respect, honesty is the expected. Companies pass the various sections, two examples of the most difficult, while the levels of growth and time is hard. Development and growth objectives pleasant nanotechnology Products Company producing building is hard when sections including a failure to produce or market the product and the inability to obtain capital are more. In each case, it is necessary to reduce costs. Management position in some time has its own challenges. Different laws in different places and encounter different cultural issues need attention and work skills and cunning nano field is measured.

**Key word:** Building • Products • Companies • Depression • Development • Nano • Cost • Production

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### INTRODUCTION

**Construction Nanotechnology Growth:** Economic growth and technical building sector can be plentiful and the pleasure is great stress. Many construction companies are planning to develop and many research projects and in field use. Sometimes they can be controlled quickly grow and projects intended to run easily to new research begins. Out a construction company for which that is very important and is being considered. These major stimuli for the development are fast [1-5].

There simply were influenced by money and all the things the moment we do financially afford. Before we enter such a development, a construction company should know what nanotechnology is and how long the money will remain stable. If the ability to expand based on the income from selling products in nanotechnology building is obtained this are continued sales. You grow. How much income should be spent on products and improve product support and how much the market can maintain? If development is a capital investment, this investment will remain much [1-5].

Development Company building a network does not happen and only a few scientists and engineers with new employment do not happen. Construction entrepreneur nanotechnology is the growing need company laboratory and office space, additional staff for its new Game is employed. This means you take a space to other companies. Alternatively, to find a place to another and employees in two locations to share? The place is very expensive even if it is across the street. Share employees in two locations between separate groups and prevent the team is different. When the development company building too small to draw additional place second or third place in the draw to have certain actions that can be transferred to other locations without unreasonable disruption to other tasks of the company this may be financial sector, legal sector, computer activities, offices and even human resources to be set. Construction and apply nanotechnology products in the building can still be done in another place. Since the production facilities and building products need to nanotechnology clean room, reserves of raw materials, transportation and such activities would be useful to have it part of the company put in place separately.

Companies with few employees to start work and they work closely together during development can be made by the company development nearby and the comradeship lose. In order to be good management, providers. must report layers formed in the first days come very close to the management structure is flat and suddenly turns into a vertical structure and nanotechnology products company gradually become part of a small team of be different. When a manufacturer can use nanotechnology products in the building to expand the company started to establish a structure is usually an employee is faced with expertise. One of the difficult aspects of development for manufacturers applies nanotechnology in building and construction, bringing experienced managers to run the business is you [1-5].

**Management Nanotechnology Products Can Be Used in Building Long Hard Recession Levels:** In March 2006, the first nanotechnology product recall happened in Germany. A product called Magic Nano product to wash the spray in the market, went to the market soon because of the respiratory problems customers are created. This new product from the sample was that the old spray - pressure for years without a problem existed in the market. This call widely broadcast in the media. Therefore, a number of people in nanotechnology product was so harmful to the recall were sent to him and the suspect to the rest of nanotechnology products.

One of the events that nanotechnology industry and building conditions susceptible recession is now facing. Could also think the market is such that the product benefit similar to those that are not in the market. Another risk of producing any new product in nanotechnology in the building situation is to threaten the product as it planned and action does not produce. Many reasons can exist for a product that the market the planned operation that does not fully accepted do not let the fails.

Usually the result of events or problems in marketing the product in building nano there is financial assets that the company should spend its ability to estimate it again. This means reducing costs and because the largest expense a company has paid employees, the next way reduces the number of employees cut costs. This can be a particularly Apr punishment decision in a nanotechnology company building products that all people managing to top engineers with expertise in science lab day. If the product goes to market, he must suffer the risk that the company is to estimate not only lost earnings, but also legal actions against companies that may be performed. He must determine whether members should keep their marketing and production

members still need to attention. If this is the only product that company is the market, he must not only balance their financial and staff will focus on other funding sources but must also consider that to understand what the financial position and influence how this issue is? With the stage of passing thought, if you still believe that the Manager staff should be low, you decide how to do it?.

Reduce personnel and close doors nanotechnology Products Company producing building has reasons, which may defeat a fundamental technology or the inability to obtain capital is working. In any industry on this has happened in this part of the industry will happen [1-5].

**Position to Manage Multiple Construction Nanotechnology Products:** As part of global trade, trade nanotechnology products for many interested in building multiple positions are that it is close. Several companies and multinational positions are not something new. Several management positions, a complex layer to the management company adds. Different situations require coordination with multiple territories is separate. Game all in place even if a territory that may be a need for a special place and shared taxes and insurance is setting. Even if the company is a global management structure, each position should be for senior manager and the executive functions of the company every day to see and review.

For example, a company producing building products for nanotechnology considers that America was founded in Colorado. Based on his ability is able to use products for the following two goals in building reduce costs and increase production efficiency to followings:

**Nano-Layer Thin Films:** mainly for electronic applications.

**Nano Coating Protection:** for increased resistance to corrosion, protection against destructive environmental factors.

**Nano-Particles:** As Precursor or Modifier chemical and physical phenomena.

**Nano-Composite:** Such as nano-alumina (Structure of the new Nano Ceramic Industry) that of mechanical, electrical and thermal properties with the proper balance and is used in different fields.

**High-Performance Concrete:** Concrete resistant to this type of composite type materials and durability of composite materials and a fuzzy one complex is composed.

Properties, behavior and performance depends on the nano structure of concrete material and cement concrete field that adhesion, cohesion and the integration gives. Properties of electromagnetic property can be and feature structures by using the atomic radiation protection.

Nano Amorphous silica: concrete industry, silica is one of the most popular materials play an important role in adhesion and high-performance concrete filler is established. The normal product silica from micro silica, which diameter is about 0.1 to 1 mm is about containing silicon oxide is 90%. Micro Silica can be said is that within which we base Go nano meter size to increase performance cement composite materials are used. Nano silica suspended multiple applications of shows such as anti-wear, Anti Slip, Anti-fire and anti-reflection surfaces.

**Nano-Tubes:** to equip and modify the mechanical performance of concrete are used. Today, metal fiber, glass, poly Peru Palin and carbon. Concrete is used for arming. Entrepreneur and founder of nanotechnology products manufacturer building a new technology of the above cases are found in Singapore that the nano particles into the matrix for the integrated particle density is formed. This new, sophisticated and for the development process requires a State has reliable, founder decides that a research center in Singapore and manufacturing expertise in order to form the inventor of this new method to discover and colleagues. Nanotechnology when building the product takes the following construction and production in Indonesia is a better way. Therefore, he a factory in Indonesia makes another. Each branch must have its own management structure and should be in accordance with local law management. This means that he must go to Singapore and Indonesia and his senior team to employment and personnel to select and good relationship with them to establish [1-5].

**Models and Quantitative Analysis:** Custom data analysis in the output of the matrix  $(I - A)$  or  $(I + M - A)$  is known to Liofite matrix. The main components of this matrix in diameter and always positive numbers out of it are always negative numbers or zero. Multiplying both sides equation the inverse  $(I + M - A)$ .

$$(I + M - A)^{-1} (I + M - A) X = (I + M - A)^{-1} F \quad (1)$$

$$X = (I + M - A)^{-1} F \quad (2)$$

That can be hold final demand vector, calculated production. For this purpose, it is necessary beforehand. If imports are exogenous variables. Inverse matrix  $(I - A)$  and if is internal. Inverse matrix  $(I + M - A)$  to account.

It should be noted that each country's export demand due to the above two types are created that are given through domestic demand and import demand, domestic demand for intermediate data is supplied by the domestic economy and demand for intermediate imports from other countries provided be. Therefore, what is more demand for imports through the country's dependence on the indicator to the external world?

Production related data. the output was expressed as an AX application interface that includes the overall demand through domestic demand through imports and matrix A potential relationship or potential technology sectors and not real communication technology can therefore express A matrix through imports and domestic transactions in the covers to calculate direct and indirect import of  $(I - A)^{-1}$  is used. This relationship generally shows the potential links. Increase the per unit value of a commodity final demand variables, the amount of data, how much will be needed.

This matrix also shows that the per unit export increase rate of direct and indirect requirements how will. Matrix M can be given by direct and indirect exports for my part i calculated as follows.

$$\Delta M = (I - A)^{-1} [M] \quad (3)$$

Increased investment in construction sector cause is that more production and real income levels of society to increase the increased community demand for some goods, enhances the other.

Results slightly below the calculated effect on increasing investment in some sectors of construction is obtained the following items:

- Increased with increasing investment in the development of sand and stone construction, sectors affected are iron ore, furniture, other minerals except copper and iron, stone and sand.
- By increasing investment in the development of stone and construction sand, sectors include copper ore, products, horticulture, sports and recreational services, air transport, forestry products and stumpage, petroleum, coal, chemical products, metal products, electricity and petroleum products.
- The recession in the construction development of rock and sand, copper ore sectors, products, horticulture, sports and recreational services, air transport, forestry products and stumpage, petroleum, coal, chemical products, metal products, electrical and petroleum products are facing a crisis.

- Increasing investment in construction sand and gravel for example, increases in income, as part of petroleum products is 1.68091369 million Rials.
- Increase investment in construction increased income as agriculture horticulture  $3.0255590 \times 10^{18}$  million Rials will be.
- Increasing the investment on the construction does not significantly affect the food industry.
- Increasing investment income as development increases 2.665958362 million Rials on the chemical industry.
- Increased construction investment income increased to  $1.15704 \times 10^{17}$  million Rials is on Wood.
- To increase investment on construction machinery has no significant effect.
- Increase investment development cause harm to size  $1.78548 \times 10^{17}$  million Rials sector industrial minerals (except copper and iron).
- Construction investment increased significantly impact on the textile does not.
- Parts of copper ore, iron and wood products, crude oil, the sector most dependent on increased investment in the sand and water sectors, glass, minimal dependence on the part of Natural sand and gravel from their shows [1-5].

### **CONCLUSION**

A couple of different perspectives, there can forecast sales for new construction in the field of nanotechnology used in recession conditions. First enter new product markets that will determine the final value market share and new management for existing products on the market that has been developed, to assess other new products

that patent technology in the field of nanotechnology building is often exclusive, especially is very practical if you patent (method of formation of metal nanoparticles that can be used for each metal). New products, because most development companies are in recession condition processes for effective implementation of development should be excluded and professional way by a resilient and professional sales force to market.

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