

SPARKING INNOVATIONS

It has been the challenge to every inventor and creative person in history. Everyone is faced with it at sometime. That ominous mental roadblock that threatens to derail an entire project. Listen, you can hear the questions swirling around in your head.....

HOW CAN I MAKE A SYSTEM THAT _____ ?

HOW CAN I PREVENT _____ ?

The answer to these questions can be found through the series of workshops offered by Groesanoak Product Development, Inc. known as our Innovation Ignition Workshops.

These workshops are design to help your team break down the psychological inertia that you've developed and find the right road to your solution. These workshops are capable of being configured to meet your needs and are scalable in size and content. The key aspects include:

- Needs Finding
- System Function Analysis
- Innovative Problem Resolution
- Sustainable Product Design

GROESANOAK PRODUCT DEVELOPMENT, INC.

HOW CAN I IMPROVE WITHOUT GETTING WORSE?

Needs Finding

When a project starts, one of the first questions to be answered is "What is the purpose of this project?" That simple question can often be very hard to answer. At Groesanoak Product Development, we'll help you apply several techniques to aid you in understanding the basic users needs and to ensure that the problem your addressing is the problem that needs to be addressed.

System Function Analysis

This detailed step by step process starts with the identification of each of the components available in the system and its environment. Then, the interactions between components are fully defined along with all of the useful and harmful functions in the system. A system diagram is then developed which allows for potential issues to be identified and the problem statement to be developed around these resources.



Ideas can grow where you least expect them.



Let's get your innovations flowing!!!

Innovative Problem Resolution

The team will then be lead through the use of a series of methods for identifying innovative solutions to the overall problem statement and to the issues that were identified during the system function analysis. This may include the use of TRIZ (Theory of Inventive Problem Solving) to address technical contradictions in the system. In addition, techniques for eliminating harmful functions will be employed when necessary. If a system is incapable of performing a base function, methods for building an insufficient function can be applied.

Sustainable Product Design

Throughout this process we'll ensure that you are not just designing a product to meet one set of needs, but that you're meeting all the needs. During the process we investigate the needs for assembly, manufacturing, test, upgradeability, recyclability etc. This way, you not only have the best product for the customer, you have the best product for your companies systems as well.

HOW CAN I BE SURE THAT _____ IS WHAT THE CUSTOMER REALLY WANTS?
www.groesanoak.com
For the answer