

# Essentials of Changeover Engineering - Sustainability, Energy and Change

Sustainability, Energy and Change

## Introduction

In order to help attendees adjust to the ever-changing forward operating environment, this Course N Carry Essentials of Changeover Engineering training event offers tools that will help them make the best strategic business decisions. Delegates will be able to design management systems that will improve their knowledge of the system dynamics within their companies and of impending changes to the operating environment. They will be able to recognise the organisational dangers connected to "business as usual" and make more informed strategic choices on the organization's future course.

Although there are concerns of "un-sustainability" and "that change is needed," astute business leaders are aware that these factors may not always be directly related to company performance. Attendees of this Course N Carry Essentials of Changeover Engineering training course will be equipped to determine "what change is needed" by using a solid grasp of their business and how any external change would affect it. Delegates will gain a thorough understanding of which innovations and changes are essential to long-term business strategy and which are merely "green window dressing" as a result. The capacity this conference will give attendees' organisations to ensuring that the future contains long-term prosperity and resistance to external changes means that it will not look like the past.

### **The main points of this Course N Carry training seminar are:**

- How to comprehend System Dynamics: How our company responds to outside change
- Important issues, dangers, and potential outcomes
- Principles of the "Transition Engineering and Innovation" Approach Decision-making instruments for future course and strategic shift
- How to use daily management programmes to effect strategic change

## Objectives

### **Following this Essentials of Changeover Engineering Course N Carry training seminar, you will be able to:**

- Recognise the relationships between your company and the operating environment.
- Determine and explain any potential "un-sustainability" business concerns in the future.

- With the aid of Transition Engineering and Innovation thinking tools, create more effective plans.
- Have a strong sense of confidence in your organization's long-term success.
- Improve your decision-making by "thinking differently."

## Training Methodology

Several strategies are used in this Course N Carry Essentials of Changeover Engineering training seminar to maximise comprehension, retention, and application of the knowledge. These strategies include a course handbook, recommended reading, presentations, individual and group exercises, a video, and group discussions.

The interactive Course N Carry training programme will push participants to "think differently" about "sustainability" and the long-term goals of their company. The tutor will assist delegates in applying what they have learned and their knowledge of their own organisations to create workable answers to issues that are likely to arise.

## Organizational impacts

**Based on the following, organisations will be more equipped to thrive in a changing future:**

- Improved resources to comprehend the organization's operations within the larger operational environment
- The capacity to perceive the future in areas of ambiguity with clarity
- The capacity to make sound judgements in situations where there is only a hazy belief in "business as usual"
- The capacity to establish a strong DIRECTION for a company's future plan
- The power to choose a change's course and enhance its current capacity for change
- The capacity to confidently create long-term financial plans

## Personal Impact

**The ability to think differently and feel more confident in their decision-making skills will be acquired by the participants.**

- Understand how to think in new ways. This alone has the potential to be enlightening.
- Acquire a fresh approach to decision-making with Transition Engineering.
- Acquire the capacity to specify more effective strategy direction
- Discover from the Global Association for Transition Engineering's co-founder
- Join a worldwide community of experts addressing "unsustainability" issues.
- Become the team member with the most distinct future vision.

## Who should attend?

**A wide range of professionals can benefit immensely from this Course N Carry training course on the Essentials of Changeover Engineering, but it is especially appropriate for:**

Those in organisations tasked with determining strategy direction in the face of difficult problems like climate change, energy reliance, and the business response to "sustainability" are often strategic decision makers facing a "wicked problem."

Professionals in leadership and decision-making positions who are in charge of making sure their company reacts to outside developments that jeopardise economic prosperity

Experts creating plans for the organization's energy-dependent operations, such as construction, transportation, and manufacturing

## **Course Outline**

### **Day 1**

#### **Overview and System Dynamics**

- Sustainability: The Ability to Proceed Into Long-Term Safe Operating Environments and "unsustainability"
- Energy's Significance in Human Systems
- Background History of the World's Current Challenges
- Historical Reactions to Unsustainable Situations
- An Overview of the World's Unsustainable Problems

### **Day 2**

#### **Overview of Tools for Making Decisions in Transition Engineering**

- Examples of the Unsustainability Issues My Organisation Faces and the Use of Future Scenarios
- The Problem with Energy Return on Invested Energy (EROI)
- The Exponential Growth Problem
- The Comparative Utility of Current and Prospective Scenarios
- Overview of Innovation and Transition Engineering

### **Day 3**

## **Thinking Differently: Creating Tools for Change Thinking to Assist in Making Decisions**

- Regarding Strategic Direction
- Path Break Concepts: imagining a future that is sustainable
- Take a cue from What Works: Long-term economic and capital models
- How to Become Resistant to Outside Change
- Organisations that have broken new ground in the name of sustainability
- Route Breakthrough Solution for Your Own Company

## **Day 4**

### **Creating a Strategic Course Breakthrough Ideas and Modification Strategies**

- Developing a Success Vision for the Future
- See-out with Back-Casting How to Reach Your Desired Location
- Creating a Programme for Change
- Determining the Obstacles to Change
- External and internal events known as trigger events serve to prevent undesired inertia.
- Working Together with Operational Employees to Execute Chang

## **Day 5**

### **Execution**

- Developing a Change Programme from a Change Path with Backcasting
- Handling Both Essential and Optional Tasks in a Transformation Initiative
- Using Common Management Tools to Put Path Break Changes Into Practice
- Teams' involvement in change: Leadership, Structure of Trust, and Shared Vision
- The Value of Strategic Communications in Sustaining Ownership and Momentum