

## **Overview of Environmental Sustainability Course**

Prepared by Dr. John Brian Anthony

### **INTRODUCTION:**

This document is intended as a summary of a basic course in “Sustainable Development” requested by Alam Sekitar Malaysia Sdn Bhd., for capacity building purpose in Sudan. This “Introductory Course” can be used as a starting point for understanding a framework for sustainability and its relevance and application.

“HUMAN BEINGS and the natural world are on a collision course. Human activities inflict harsh and often irreversible damage on the environment and on critical resources. If not checked, many of our current practices put at serious risk the future that we wish for human society and the plant and animal kingdoms, and may so alter the living world that it will be unable to sustain life in the manner that we know. Fundamental changes are urgent if we are to avoid the collision our present course will bring about”. (DAVID SUZUKI).

### **OBJECTIVES:**

1. To present in relation to Sustainability
  - Background and core value
  - Key concepts
  - Case studies and practical application
  - Present situation in Sudan and overseas.
2. To provide an open learning forum where participants can explore their values, points of view and polarities through the facilitation process
3. To support the cultural transition to a society that is economically, socially and environmentally sustainable.
4. To cooperate with people and organization who are both critical and passionate about sustainable development.

### **Participant:**

Manager / Head of Department and Senior Management People

### **Duration:**

This is a TWO days tutorial and workshop.

### **Cost / fee:**

Per pax : \$1500.00

### **Trainer:**

Dr. John Brian Anthony

**CONTENTS:**

<b>INTRODUCTION</b>	Background of sustainability Triple Bottom Line
<b>MODULE 1</b>	WHAT IS THE PROBLEM? The Solution: A System Approach The Character of Environmental Problems has Changed Summary
<b>MODULE 2</b>	BASIC SCIENCE Laws of Nature Villagers in the Box Summary
<b>MODULE 3</b>	THE LIVING CELL Evolution Reverse Evolution Summary
<b>MODULE 4</b>	PRESENT UNSUSTAINABLE SOCIETY The Natural Cycle Linear Society Unsustainable Society Summary
<b>MODULE 5</b>	THE FOUR SYSTEM CONDITIONS OF TNS System Condition 1 System Condition 2 System Condition 3 System Condition 4 Summary
<b>MODULE 6</b>	THE CYCLIC SOCIETY A Model for Sustainability Sustainable Society Summary
<b>MODULE 7</b>	FINDING THE RIGHT WAY FORWARD Investing for The Future The Compass – Framework for Sustainability Summary
<b>MODULE 8</b>	THE ILLUSION ABOUT GROWTH Forecasting Backcasting Global Warming ( Greenhouse Effect) Depletion of Ozone Layer Summary
<b>MODULE 9</b>	ECONOMIC IMPLICATION AND CASE STUDIES Achieving a Paradigm Shift Sustainable Future Case Studies Accomplishment To Date Summary
<b>MODULE 10</b>	CONCLUSION Learners Reflection