

**COMMUNITY BASED ENVIRONMENTAL MANAGEMENT INFORMATION SYSTEM
(CEMIS)**

Table of Contents

Foreword

Table of Contents

List of Figures

1.0 Introduction

1.1 How to Use the Guide

1.2 Basic Concept of CEMIS

2.0 Phases of CEMIS

2.1 Phase 1 – Prepare and Mobilise

2.1.1 The Community Urban Profile

2.1.2 The Community Platform

2.2 Phase 2 – Analyse

2.2.1 Environmental Risk Assessment

2.2.2 Environmental Management Information System

2.3 Phase 3 – Focus

2.3.1 Prioritisation of Interventions

2.3.2 Assessing Technological Options

2.3.3 Assessing Effective Demand

2.4 Phase 4 – Decide and Implement

2.4.1 Community Action Planning

2.4.2 Implementation of Action Planning

2.5 Phase 5 – Monitor and Evaluate

2.5.1 Composition of Monitoring and Evaluation Committee

2.5.2 Methods for Evaluation

3.0 Operational Inputs

A) Workshop Moderation and Visualisation Techniques

- Underlying Assumptions
 - Advantages of Visualisation
 - Balancing Individual Creativity against Group Participation
 - Implementing Visualisation in Discussions
-

Rules for Metaplan Visualisation
Basic Rules for Visualisation
Traditional Versus Participatory Meeting Techniques
Game Rules
Techniques for Preventing Monologues
Stimulating Response
Role of the Moderator

B) Interest Analysis

C) Indicator Development

D) Environmental Risk Assessment

- **Transect**
- **Steps of Preference ranking**
- **The Problem Tree**
- **The Problem Matrix**
- **A Similar Technique: Direct Matrix Ranking**
- **Connectivity Matrix**
- **Photo Listing /Documentation**

E) Technological Options

F) Monitoring And Evaluation Techniques

- **Sustainability Matrix**
- **Innovation Assessment**

G) Bibliography

SPRING Catalogue
