An Overview of Foresight Methodologies

Oleynikov Vladislav Petrovich

Budker Institute of Nuclear Physics, 9 April 2015

Introduction

Foresight is "a university human capacity which allows people to think ahead and consider, model, create and respond to future eventualities" (Foresight International, 2006).

Organisational Strategy Processes

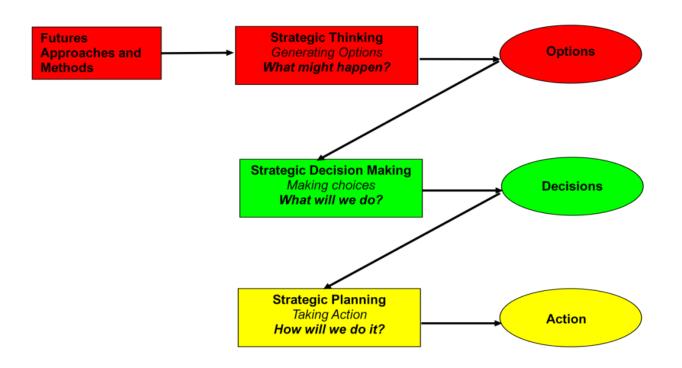


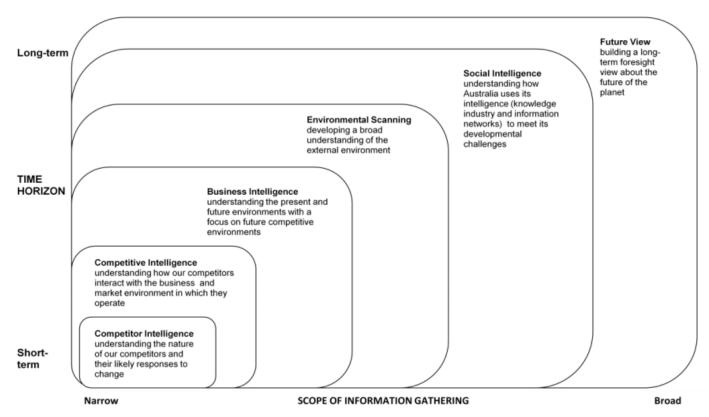
Figure 1: Three Levels of Strategy

Foresight Methodologies

Generic Foresight Model Inputs things happening Analysis "what **seems** to be happening?" Foresight Interpretation "what's really happening?" Prospection "what might happen?" Outputs "what might we need to do?" Copyright @ 2000 Joseph Voros "what will we do?" Strategy "how will we do it?"

Figure 2: Generic Foresight Process

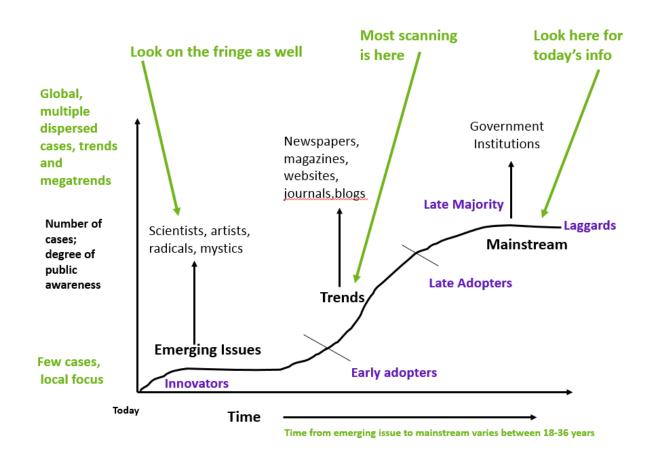
Input Methods: what's going on?



Adapted from Choo, Information Management for the Intelligent Organization, 1998

Figure 3: Environmental Scanning Framework

Analytical Methods: what seems to be happening?



Interpretive Methods: what's really happening?

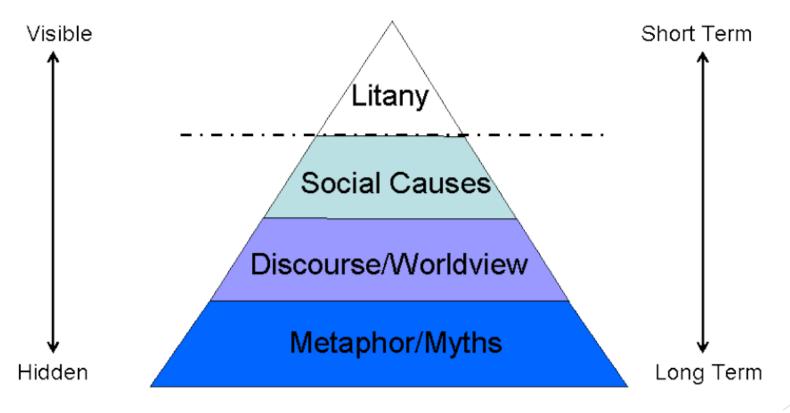
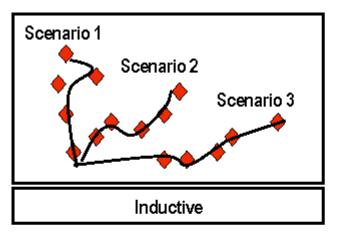
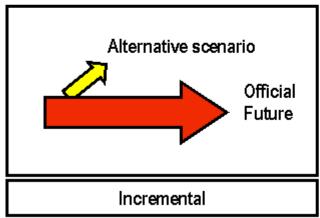
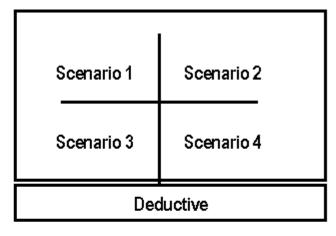


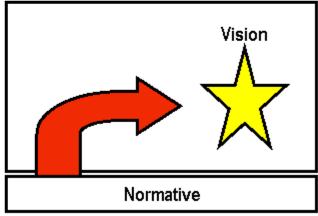
Figure 5: The layers of Causal Layered Analysis

Prospective Methods: what might happen?









Concluding Comments



Thank you for your attention!