



DATE: **SCENARIO PLANNING & RISK MANAGEMENT**

For External & Internal Investors

Investment risk managers are currently being inundated with opportunities requiring rapid filtering to the “Go/No-go” stage. For efficiency, only the “Go” opportunities should be subjected to strategic planning, covering market assessment, competitive intelligence and high level strategy mapping. Automated, online documented scenarios provide such a facility, together with an extraordinary learning tool.

Amplios

**A world first in
investment risk
management**

**Easy-to-use software
technology provided
free of charge**

**Can be applied to
40+ industry groups
in 100+ cities**

**Includes hands-on
modeling, horizon
scanning & reporting**

AMPLIOS CONSULTANTS

10 Anson Road #27-15
Singapore
+65 98360607

Ampliosrisk.com

SCENARIO PLANNING For Internal & External Investors

INTRODUCTION

This program is an important member of our corporate management performance improvement training and implementation sequence.

Risk Management has its roots in marine insurance and the Lloyd's corporation which was founded by Edward Lloyd at his coffee house on Tower Street in London in around 1686. Modern developments include the ISO 9000 standards for quality and the ISO 31000 guidelines for risk management. Failure Mode Effects and Analysis ("FMEA") is a method for assessing the consequences of failure in components, assemblies and sub-systems. FMEA is a mandatory component of Six Sigma, well-established methodology for improvement of quality by elimination of defects. The method involves the development of 'scenarios' of future events with cause-and-effect relationships.

Based on research requested by the Malaysian Government headed by Prime Minister Badawi in 2007, a method for applying the principles of FMEA to investment risk analysis has now been developed. The prototype is substantially operational and in a form suited for use in executive training workshops.

OBJECTIVES

Upon completion of this training program participants will be able to return to their workplaces and:

- Prepare a brief database of future events for risk management via scenario planning
- Prepare a 20-event investment risk scenario matrix
- Perform scoring and reporting of a risk scenario matrix
- Incorporate investment risk management via scenario planning in the corporate training programs

TRAINING METHODOLOGY

We emphasize learning by doing. After explaining the planned outcomes and our path towards achieving them, we communicate the learning messages in small chunks. These are reinforced by brief video examples, case studies from our experience and cases from the participants' experiences. Group exercises using interactive software and audience opinion polls are employed. We take care to avoid information overload. During the training, we check progress via training effectiveness testing.

IMPACT ON THE ORGANIZATION

The program is designed to have impacts such as improvements in awareness and discussion of:

- Investment risk and opportunity
- The corporation's status in the industry life cycle
- The corporation's market and competition outlook

IMPACT ON THE PARTICIPANT

The program is designed to have impacts such as:

- Improved interest in investment risk and opportunity discovery
- Improved interest in continuing education
- Improved risk and opportunity communication skills
- Improved interest in outsourcing of work processes
- Improved readiness for promotion

WHO SHOULD ATTEND?

The program is designed for:

- Senior executives in industry and government
- Senior and middle executives in Internal Audit
- Senior and middle executives in Human Resources

SCENARIO PLANNING For Internal & External Investors

AGENDA

The program agenda is:

- Introduction & Training Effectiveness Testing
- New Developments in Horizon Scanning
- Hands-on Modeling – Scenario Building
- Hands-on Modelling – Scenario Scoring
- Communicating the Story
- Final Interactive Reporting
- Rolling Out to the Wider Community
- Question Time

CONTENT EXAMPLES

Some examples of the content are shown in the following graphics:

Here we show a set of future event labels forming a local investment scenario named "Vietnam Higher Education" with a "Go" recommendation. 12

Ampliosrisk
Rapid Risk Assessment via Simplified Scenario Planning
Purpose: To demonstrate the Ampliosrisk user interface
Step 1: Enter your industry, location and perspective
Step 2: Enter your project/future event/issue in the demo
Step 3: Select your Top Impact events
Step 4: Add your opinion as to impact etc.

Rank	Event	Future Event Pattern (Event Number, Event Label)	Event Trend	Score	Depth	X Probability	X Impact Sign
1	M01	value of uni education in job search	- increasing	10	10	P	U
2	M02	use of ICT enhance learning	- increasing	10	10	P	U
3	M03	cost of education	- increasing	10	10	P	U
4	M04	privatization of the education system	- increasing	10	10	P	U
5	M05	higher education quality assurance	- increasing	10	10	P	U
6	M06	international standards for PhDs	- increasing	10	10	P	U
7	M07	cross-country comparisons of uni data	- declining	10	10	P	U
8	M08	small changes in private uni	- improving	10	10	P	U

Proceed with caution to the Strategy stage



The Fourth Industrial Revolution (4IR) & Malaysian Technology Strategic Outlook (MTSO)

Tuesday, February 27, 2018

Topic 02 Investment Risk Management Risk Assessment with Scenarios 9

- ▶ Historically, risk assessment via scenarios has been an expensive, time-consuming process.
- ▶ The method has been to develop several plausible scenarios, then choose the "most likely" for inspection
- ▶ At Amplios, we have designed and extensively tested a method for developing these interactively



Arranging the Scenarios by the Dimensions

The usual arrangement is for the desirable scenario to be placed top right quadrant, the least desirable bottom left.

The "Most Likely" Scenario will be somewhere around here

		Stakeholder Sentiment	
		Low	High
Environmental Sustainability	High	Unhappy Stakeholders Good Built Environment Good Natural Environment	Happy Stakeholders Good Built Environment Good Natural Environment
	Low	Unhappy Stakeholders Poor Built Environment Poor Natural Environment	Happy Stakeholders Poor Built Environment Poor Natural Environment

IM BizWatch Issue 9 / 12 September 2017

Why should Malaysia focus on Industry 4.0? (extract from the SmartInvestor website, World Economic Forum Jan 2016)

INDUSTRY 4.0

INDUSTRY 4.0 - the digital transformation

It all started with the Industrial Revolution, when the world was first introduced to steam power, mechanisation and factories that marked the new era of modernisation.

SCENARIO PLANNING For Internal & External Investors

Amplios

Applied Future Studies

FACILITATORS

Our lead facilitator is Wilson Fyffe (see [LinkedIn](#)). He is supported by our regional training team. A summary of Wilson's qualifications and experience is as follows:

Wilson is a consulting futurist with a broad background in commerce globally, with particular emphasis on developing economies. He has direct experience in more than 30 industries over a period of 30 years. He has recently completed a 3-year term as a Global Director of the Professional Risk Management International Association (www.prmia.org) He is a member of the World Future Society (wfs.org), the Institute of Directors, India and of Parima. His works have been published by Wylie in the text 'Scenario Planning' (11changes.com) and by the KPI Institute. His research has included developments in Chaos Theory and its implications for business and government.

EDUCATION

Wilson holds a BA from Macquarie University with double major in philosophy, covering economics, statistics and the behavioral sciences.

OUR CLIENTS

We have more than 3,000 clients for our training and consulting programs. Some examples are in the following images:



SCENARIO PLANNING For Internal & External Investors

Amplios

Applied Future Studies



HALLIBURTON
100 YEARS



PETRONAS

Raffles City Singapore



IndianOil



BOSCH

Technik fürs Leben



Kuwait Finance House
بيت التمويل الكويتي



Licensed Islamic Bank

 **Maybank**

Transitions



MALAYSIAN RE

MALAYSIAN REINSURANCE BERHAD

Panasonic

Micron

ISKANDAR
REGIONAL
DEVELOPMENT
AUTHORITY

