SLINGSHOT GROUP

ผู้นำไทย มาตรฐานโลก
Thai leaders to world-class leadership standards

COMPLEX PROBLEM SOLVING & ANALYTICAL THINKING

PROGRAM **OVERVIEW**

PERSONA	COMPETENCY	SKILL
Initiator	Demonstrating Intellectual Insight	Problem Solving and Analytical Thinking

In today's dynamic and interconnected world, leaders often face multifaceted challenges that require a systematic and creative approach to problem-solving. This 2 day program equips participants with the tools and techniques to break down complex issues, analyze them effectively, and develop innovative solutions. By focusing on both analytical thinking and collaborative problem-solving, this program empowers leaders to make sound decisions, even in uncertain and ambiguous situations.

PROGRAM **OBJECTIVE**

By the end of this program, participants will:

- Understand the characteristics and dynamics of complex problems.
- Learn analytical frameworks and tools to approach challenges systematically.
- Enhance their ability to make data-driven decisions.
- Build confidence in tackling ambiguity and risk in problem-solving.
- Develop collaborative strategies to align teams toward effective solutions.

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PROGRAM **OUTLINE**

MODULE 1:

UNDERSTANDING

- Characteristics of complexity in problems and challenges.
- Differentiating between simple, complicated, and complex problems.
- Systems thinking: Identifying interdependencies and unseen impacts.

MODULE 2:

ANALYTICAL THINKING FUNDAMENTALS

- Foundations of logical reasoning and critical thinking.
- Deconstructing problems into manageable components.
- Identifying assumptions and testing their validity.

MODULE 3:

STRUCTURED PROBLEM-SOLVING FRAMEWORKS

- Tools like Root Cause Analysis, Fishbone Diagrams, and the 5 Whys.
- Applying frameworks like SWOT analysis and the PDCA cycle.
- Integrating design thinking for innovative solutions.

MODULE 4:

DECISION-MAKING IN AMBIGUITY

- Strategies for making decisions with incomplete information.
- Balancing short-term actions with long-term implications.
- Risk analysis: Assessing trade-offs and prioritizing solutions.

MODULE 5:

DATA-DRIVEN PROBLEM SOLVING

- Interpreting and visualizing data for insights.
- Tools for prioritizing actions, such as Pareto
- Analysis and Decision Matrices.
- Translating data insights into actionable plans.

Period

2 Days

Program designed for:

Specialist, Analyst, Team Member