

ACQUISITION CATEGORISATION (ACAT)

Taklimat ACAT

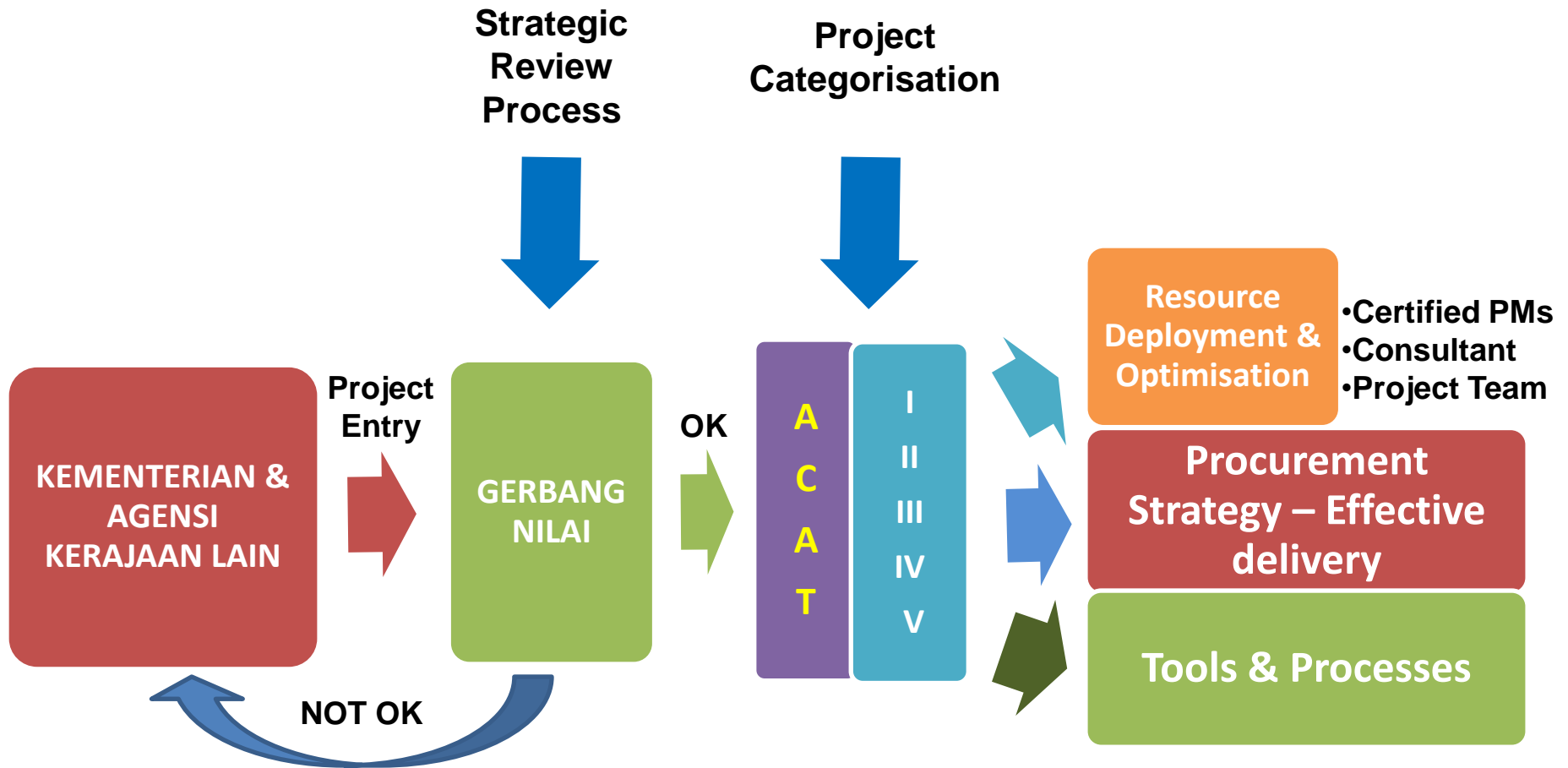


Presenter:

Ir. Noor Ashikin Md Tamimi

What is ACAT?

- ✚ a methodology for **categorising** projects.
 - ✚ **align** the complexity of projects with certified experience and competencies of **project managers**.
-



Why ACAT?

- ensure that projects are categorised in a consistent and logical manner.
- contribute to a common understanding of the broad characteristics of projects.
- enable appropriate project management experience and competencies to be applied to projects.

The ACAT Guideline consists of:

- Acquisition Category Definitions,
- Project Decision Support Matrix, and
- Categorisation Process.

ACAT Definitions

● ACAT I

- major projects that are normally most strategically significant
- extensive project and schedule management complexity
- very high levels of technical difficulty, operating, support and commercial arrangements

● ACAT II

- major projects that are strategically significant
- significant project and schedule management complexity
- high levels of technical difficulty, operating, support arrangements and commercial arrangements

● ACAT III

- major or minor projects that have a moderate strategic significance
- traditional project and schedule management techniques
- moderate levels of technical difficulty, operating, support arrangements and commercial arrangements

ACAT Definitions

● ACAT IV

- **major or minor** projects that have a lower level of strategic significance
- **traditional** project and schedule management requirements
- **lower levels** of technical difficulty, operating, support arrangements and commercial arrangements.

● ACAT V

- **minor projects** acquisition that have a lower level of strategic significance
- **traditional** project and schedule management requirements
- **very low levels** of technical difficulty, operating, support arrangements and commercial arrangements

PROJECT DECISION SUPPORT MATRIX

ATTRIBTE COMPLEXITY LEVEL	ACQUISITION COST	PROJECT MANAGEMENT COMPLEXITY	SCHEDULE	TECHNICAL DIFFICULTY	OPERATION AND SUPPORT	INDUSTRY
5 [Very Low]	< RM10m					
4 [Low]	RM10m- RM100m					
3 [Moderate]	RM100m- RM300m					
2 [High]	RM300m- RM500m					
1 [Very High]	>RM500m					

CATEGORISATION PROCESS

- To determine ACAT Level is **not a science** but **sound judgement** by persons having understanding of the characteristics of the project.
- The **earlier** in the project's lifecycle - the more susceptible are the **assessments** to change as the project progresses.
- It is important to make these judgements as accurately as possible because of the follow on implications.

CATEGORISATION PROCESS

ACAT SCORE CALCULATOR

Attribute	Very High	High	Medium	Low	Very Low	Raw Score	Weight	
Acquisition Cost	x					10	5	
Project Management Complexity		x				9	10	
Schedule		x				9	4	
Technical Difficulty		x				9	7	
Operations and Maintenance			x			7	5	
Industry			x			7	6	Normalised Score
Score						51	316	85
								ACAT II

RAW SCORE

	Very High	High	Medium	Low	Very Low
ACQUISITION COST	10	9	7	3	1
PROJECT MGMT COMPLEXITY	10	9	7	3	1
SCHEDULE	10	9	7	3	1
TECHNICAL DIFFICULTY	10	9	7	3	1
OPERATIONS & SUPPORT	10	9	7	3	1
COMMERTIAL	10	9	7	3	1

ACAT LEVEL SCORE

ACAT I	95	100
ACAT II	75	94
ACAT III	50	74
ACAT IV	30	49
ACAT V	10	29

terima kasih