

Ad Hoc Expert Meeting on

**Climate Change Adaptation for
International Transport:
Preparing for the Future**

16 to 17 April 2019

**Introduction to CaDD
(Capacity Diagnosis & Development)**

Presentation by

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Director
TRIOSS

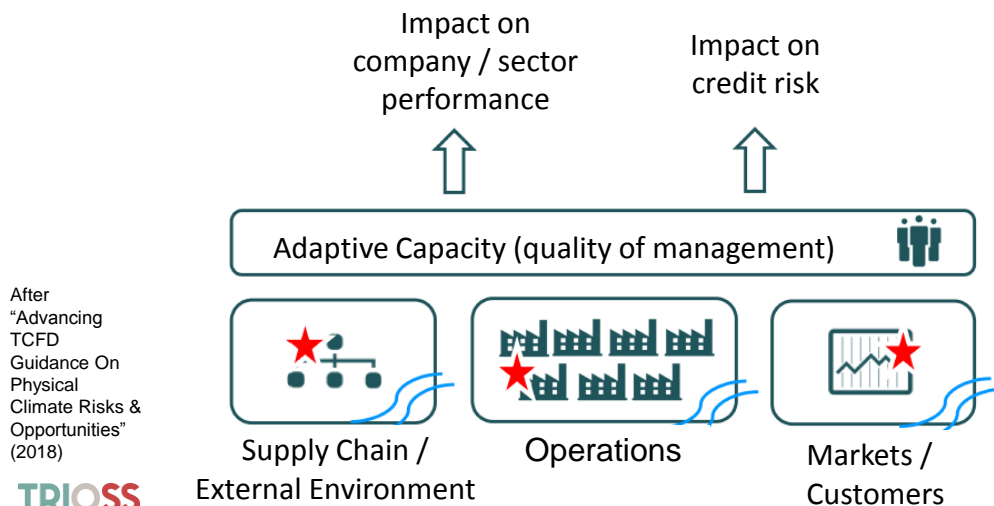


Introduction to CaDD

(Capacity Diagnosis & Development)

UNCTAD Ad Hoc Expert Meeting on Climate Change Adaptation for International Transport: Preparing for the Future: 17th April 2019

How Climate Change Affects Organisations



After
"Advancing
TCFD
Guidance On
Physical
Climate Risks &
Opportunities"
(2018)



Capacity & Standards

ISO 14091 *Adaptation to Climate Change — Vulnerability, impacts and risk assessment – Draft text*

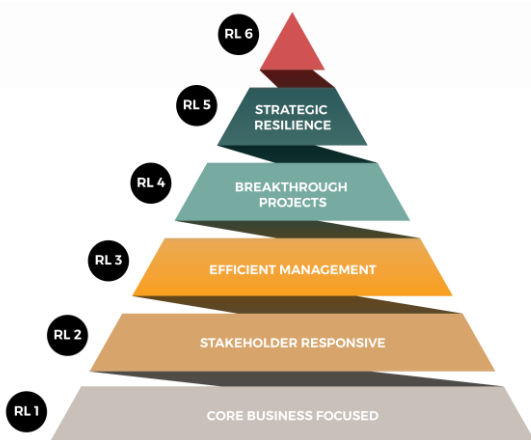
“...that adaptive capacity be taken into consideration when assessing risk. If this step is missed out, the resulting risk assessment would then cover only the (potential) climate impact”

ISO 14090 *Adaptation to climate change — Principles, requirements and guidelines – Draft text*

“The organization shall identify and document the gaps in its capacity to adapt to the impacts of climate change identified”

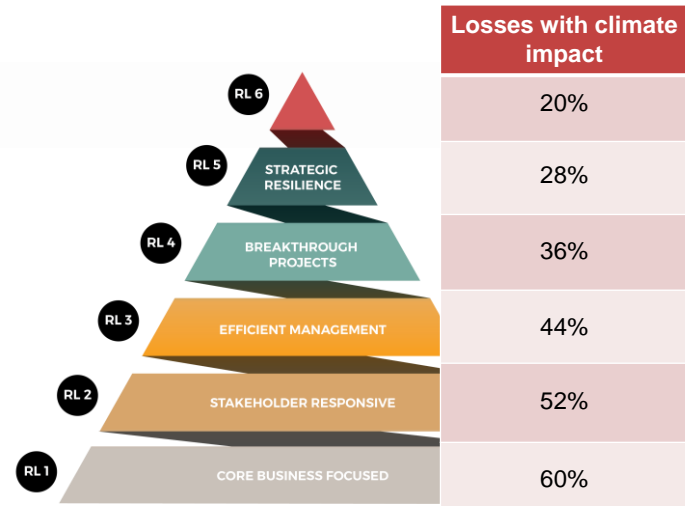
Gaps need to be addressed in a plan that is then implemented and monitored

Response Levels



The logic for action changes as “maturity” grows.

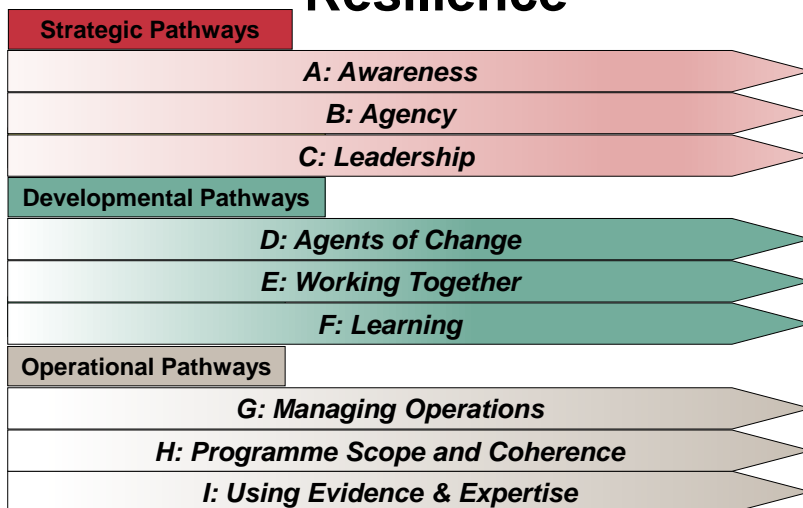
Adaptive Capacity & Investment Risk



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YOUR FUTURE IN TODAY'S DECISIONS

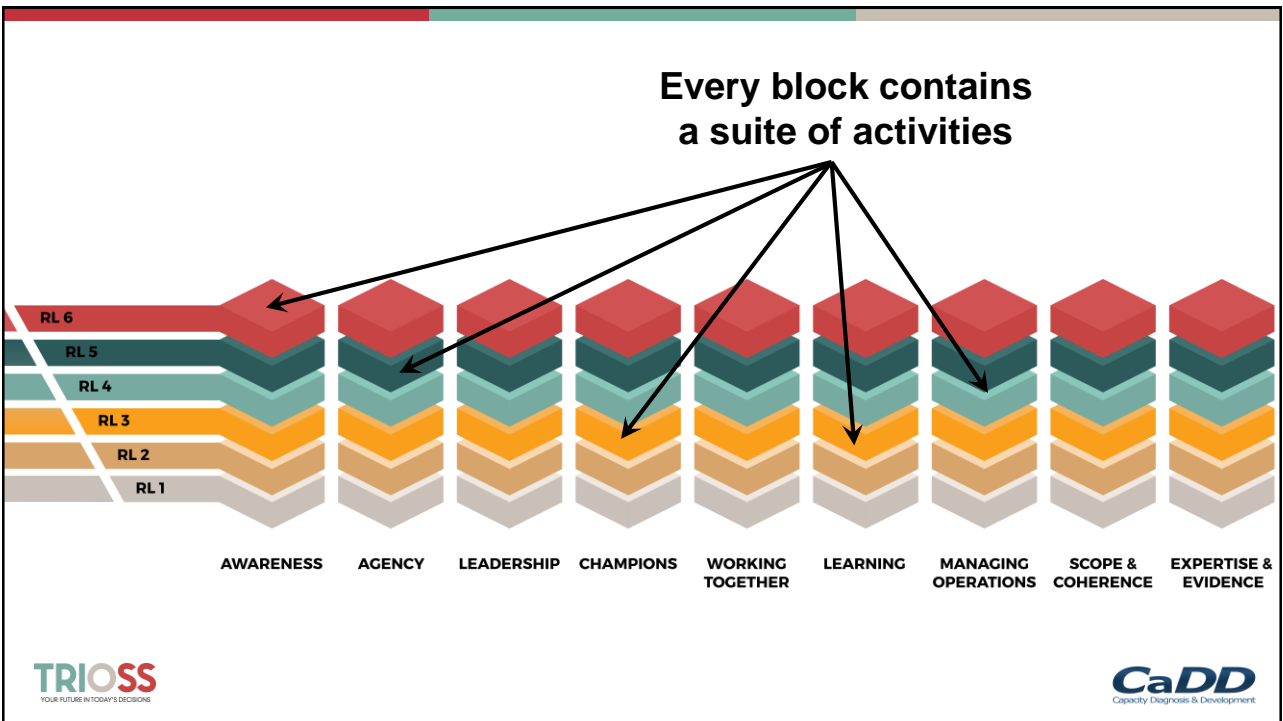
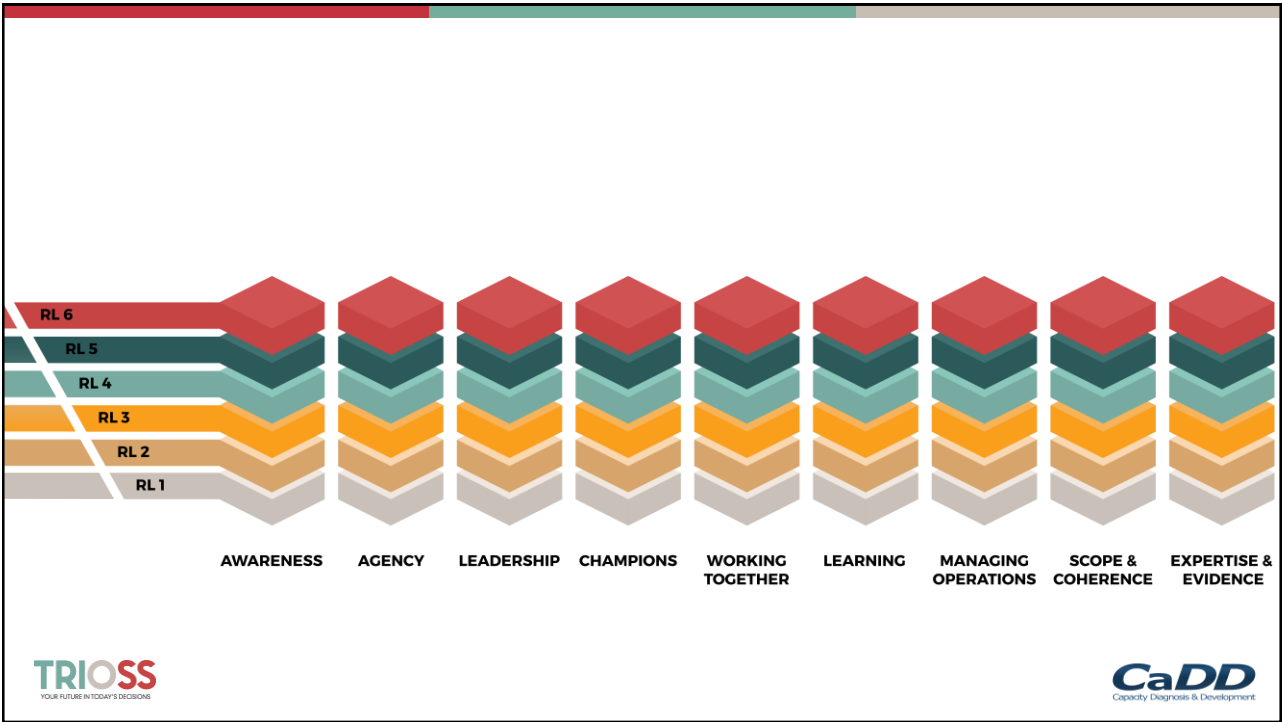
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Nine Pathways of Change for Climate Resilience



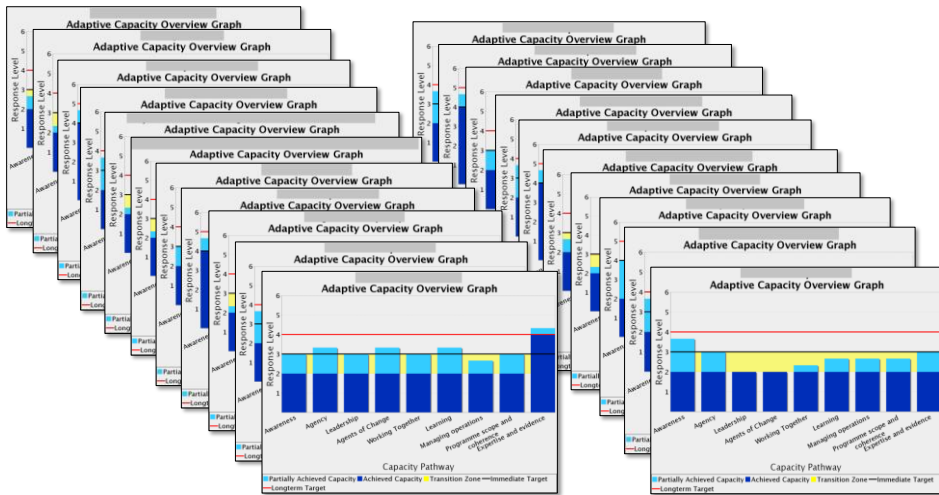
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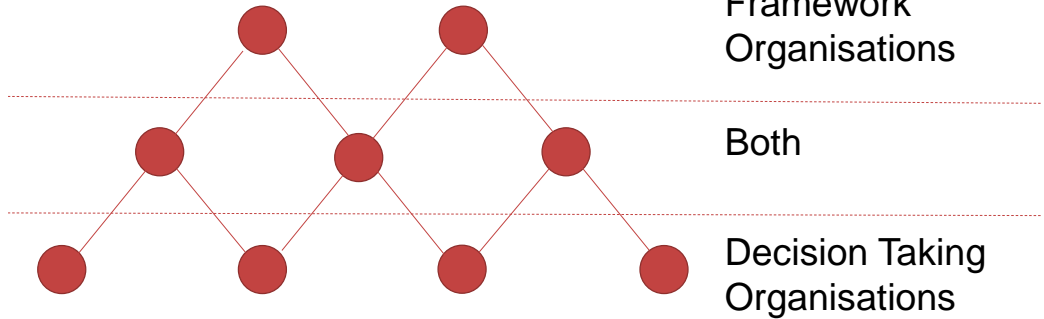




Directly comparable: 21 European Cities

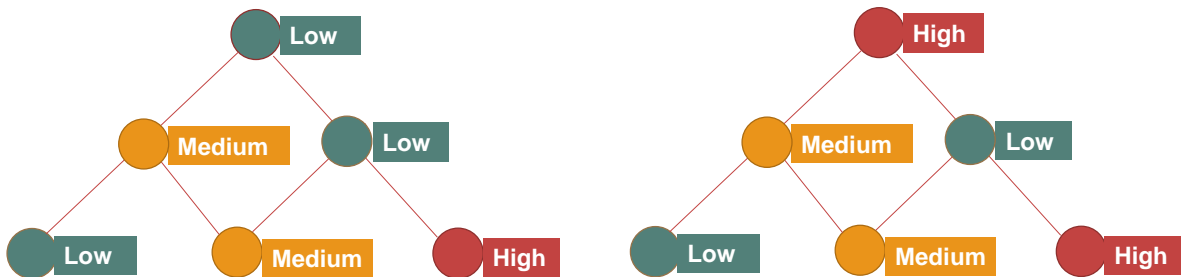


Types of Organisation & Their Impact on Options



Systemic Analysis: Organisation Types & Response Levels

Low Capacity Approach	Simple Decisions
Medium Capacity Approach	Complicated Decisions
High Capacity Approach	Complex Decisions



Policy / Strategy Suggestions

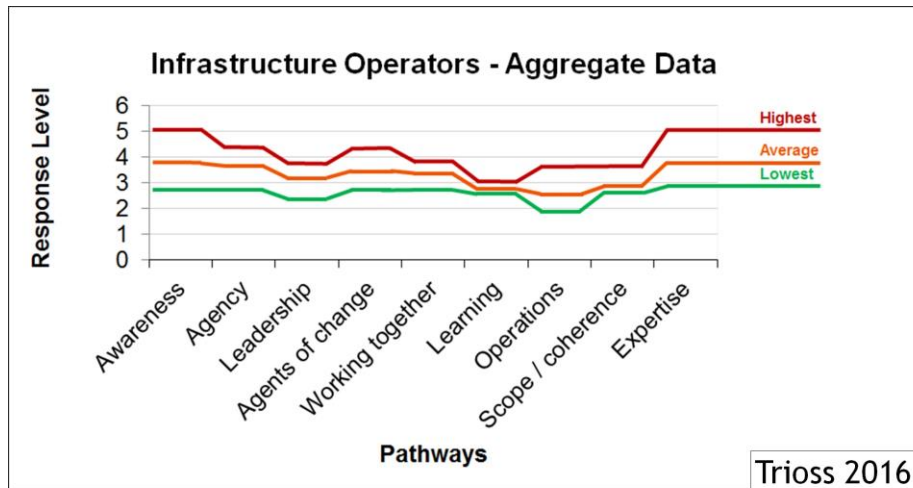
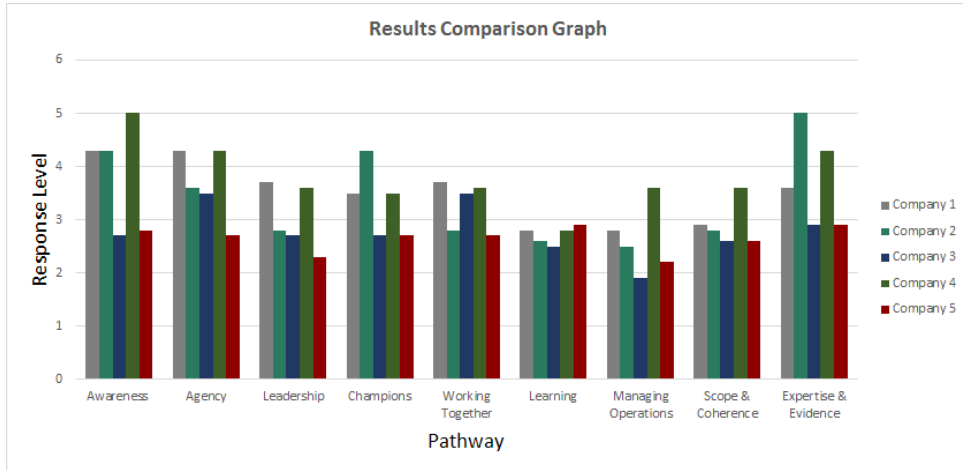
1. Assessment of the gap between current and required adaptive capacity shall be made in the assessment of climate risk (applicable at the level of both individual organisation and system/sector)
1. A clearly defined, prioritised action plan for moving between current and required adaptive capacity shall be made in adaptation planning

Further Information

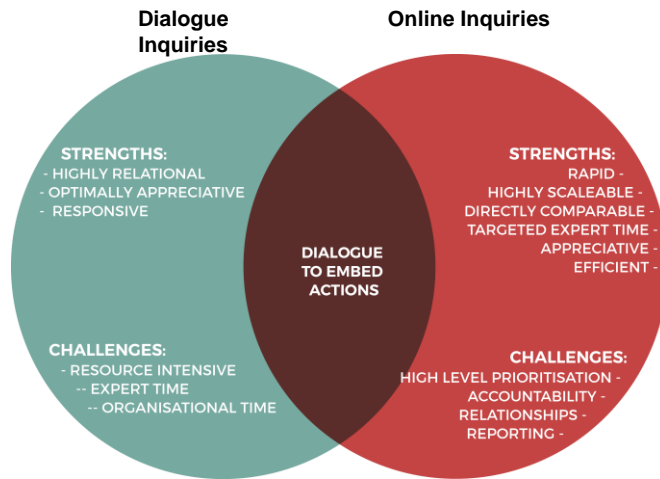
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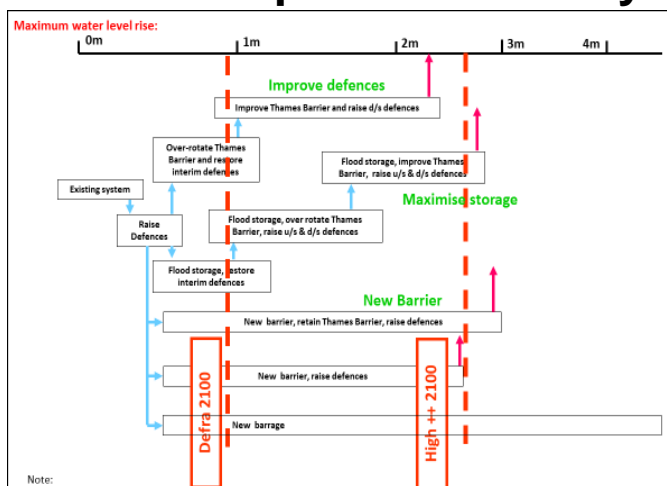
Benchmark Effectively



Online Data Gathering & Dialogue



Thames Estuary 2100 Climate Change Scenarios and Adaptation Pathway Options



Note:
Each box represents one or more portfolios of responses

2008 Climate Change Scenarios and implications on options