INTERNATIONAL BRIDGE OWNERS FORUM

Maintenance: Repair & Strengthening: Safety & Security

Stephen Pottle

Transport for London

Where do we start?

"London's streets should be managed to assist the movement of people, goods and services – safely, expeditiously, reliably, securely and with minimum negative environmental impact; to ensure reasonable access to property, and to recognise their use as social spaces."
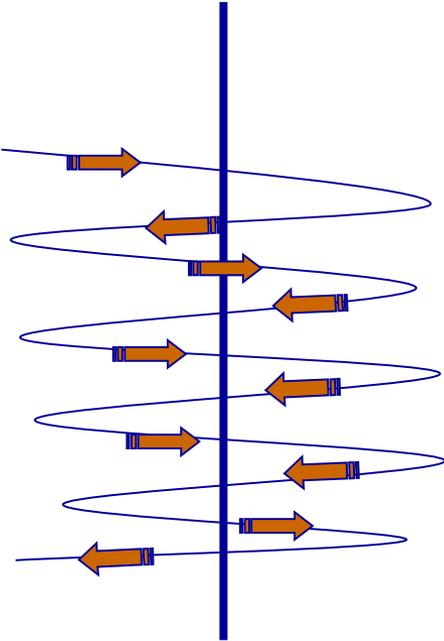
A world class transport system that delivers the safe, reliable and efficient movement of people and goods that enhances London's economy, environment and social inclusion
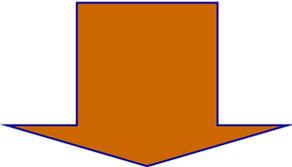
Where do we start?

Revenue

Capital

Service Levels
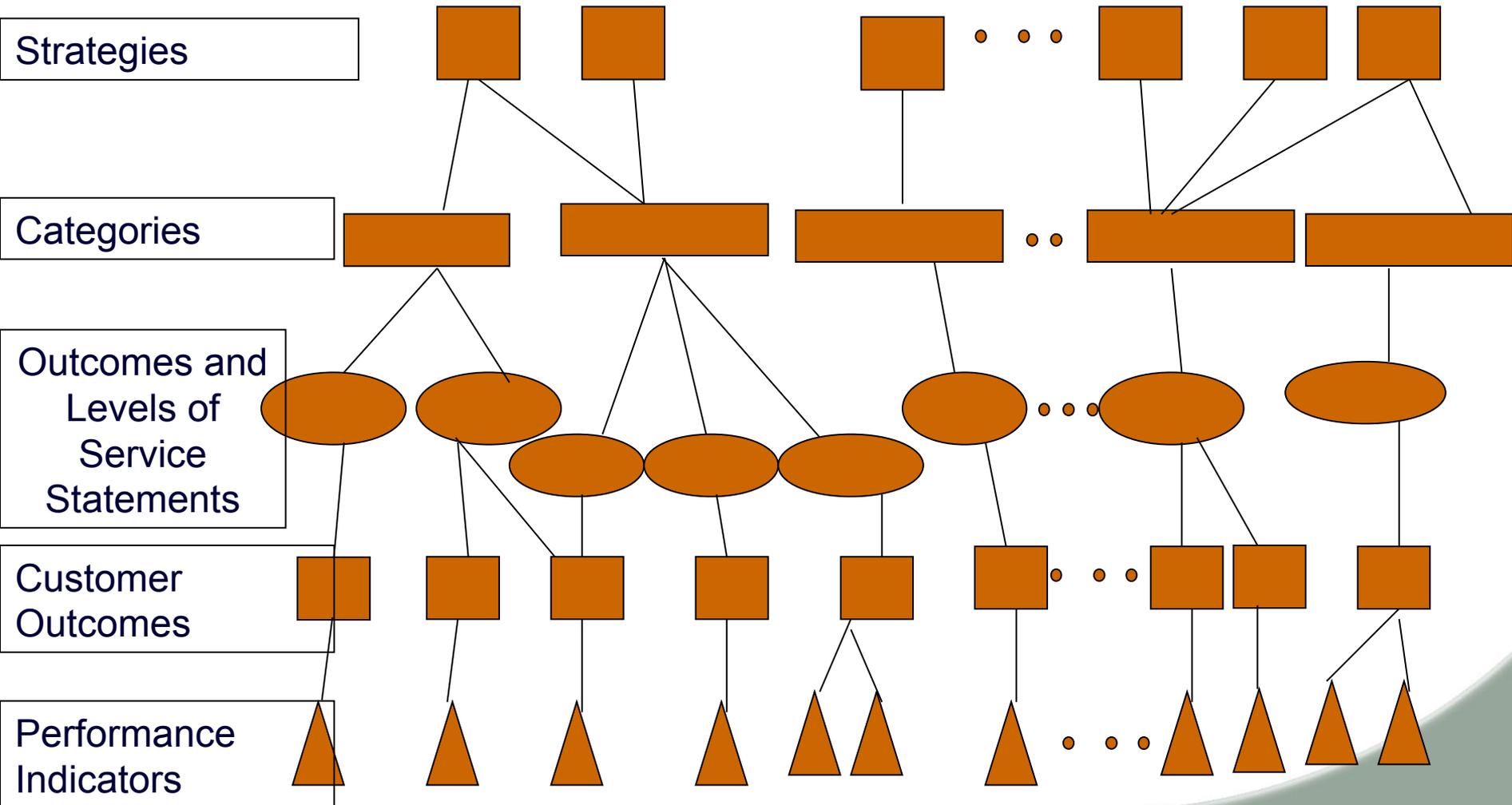
Service Levels

Planning

Service Management Hierarchy

Strategies

Categories

Outcomes and Levels of Service Statements

Customer Outcomes

Performance Indicators

Stated preference: the exercise

For each pair of options I would like you to say which option you prefer

Using the findings - Implementation

RNM Objectives

Protect and maintain TLRN highway assets and preserve asset service standards

Project manage design and construction of TLRN improvement schemes in line with Mayoral strategies

Inform and engage with all stakeholders impacted by the work of DRNM

Act as Highway Authority for the TLRN and provide 24/7 network management

Provide leadership role to Boroughs working in collaboration to deliver pan-London efficiencies & service improvements

- Scheme prioritisation

Defects → UKPMS CIs → Current Indicator Model → Prioritisation

Defects → New Defects Model → Prioritisation

Embed public priorities, engineering principles and legislative requirements into the capital renewal programme.

- Budget setting
  Consider revenue maintenance intervention levels, contract documents

- Next steps
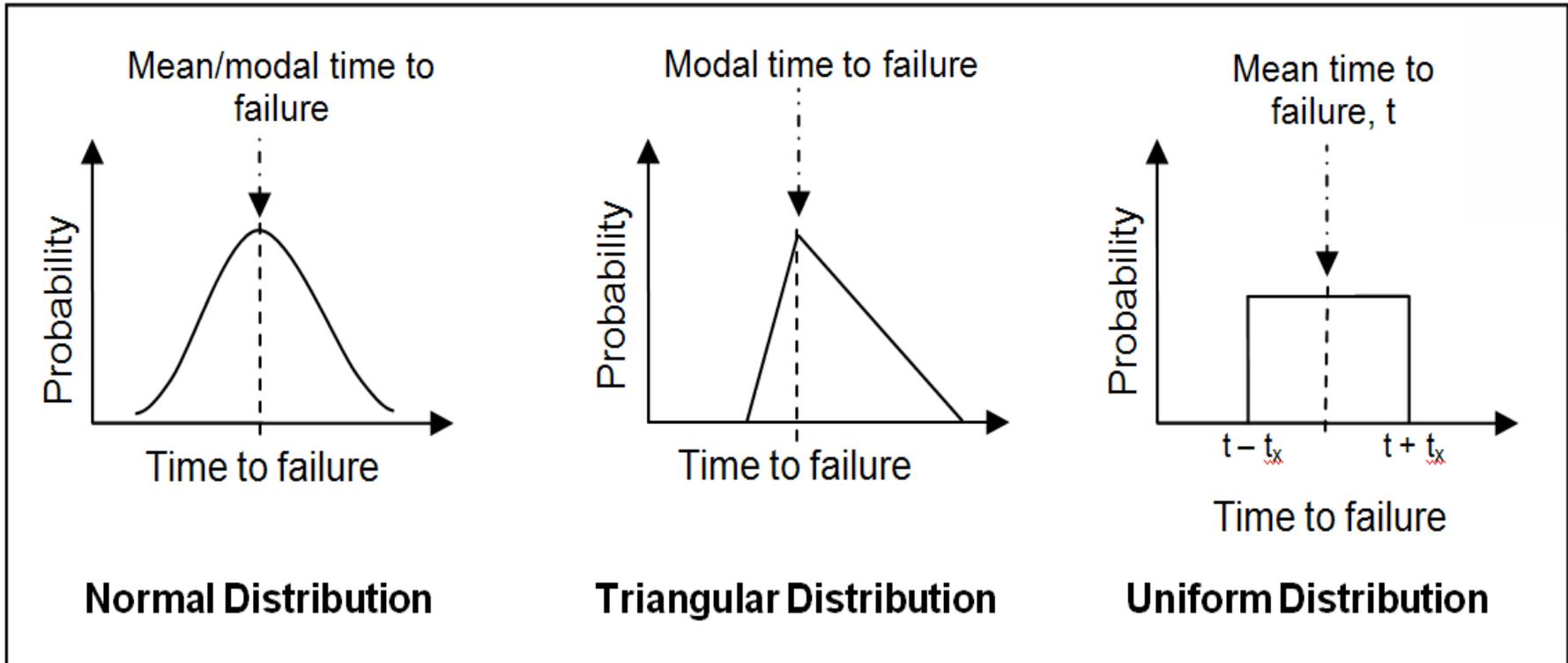 Identify research gaps and additional data requirements

Life cycle planning

- *Long-term View*

- *Finance and Work*

- *Whole Life Costs*

- *Transparent Decision Making*

- *Audit Trail*

- *Knowledge Transfer*

- **Asset Valuation and Depreciation**

Life cycle planning

Safety and Security

Safety & Security

- **Resilience**
  - **Criticality to network performance**
  - **Terrorist attack**
  - **Flooding**
  - **Severe weather – high wind, heat, ice/snow**
  - **Impact damage**
  - **Fire**
  - **Vandalism**
  - **Physical failure**
  - **Etc......**

Safe & Secure?