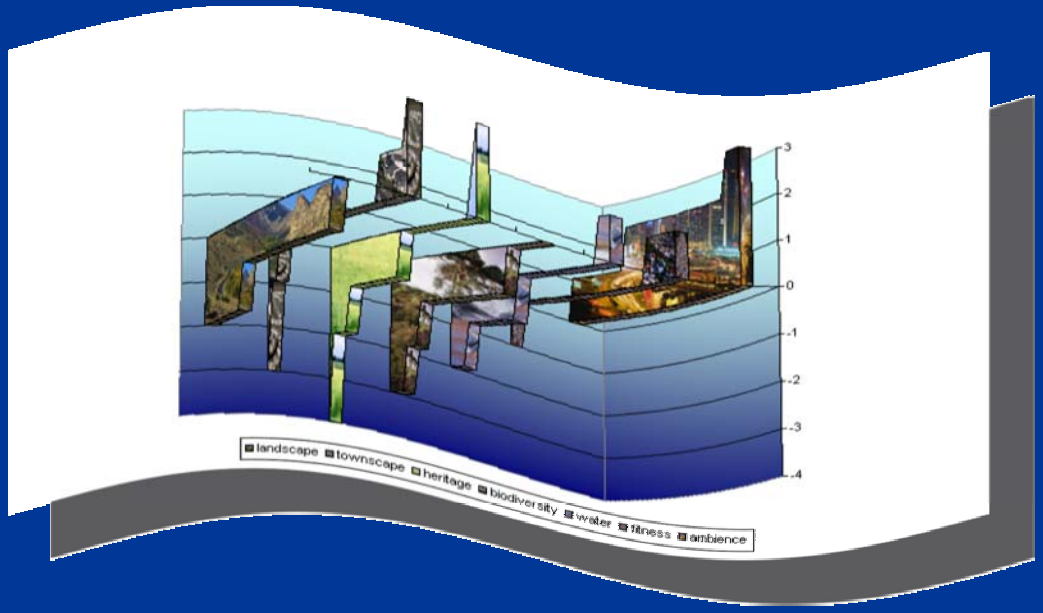
Highways Agency Performance Indicator: Above the waterline



Dean Kerwick-Chrisp

Safety, Standards and Research

Appraisal Group: Environmental Policy

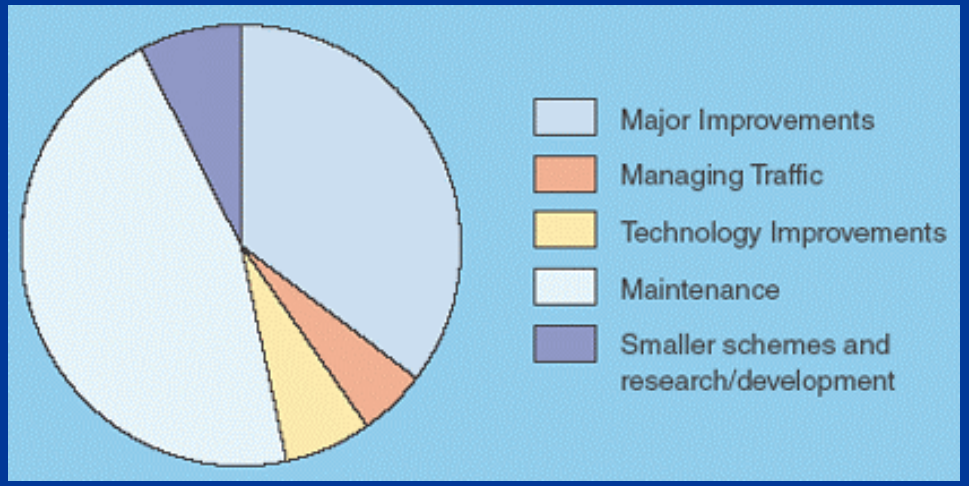
Strategic Road Network

- 9,380 km (5,863 miles) motorway and trunk road

- Value £65 bn single largest Government asset
- Carrying 1/3 of all traffic and 2/3 of all freight

Types of Project

- Targeted Programme of Improvements (TPI) major improvements > £5M
- Making Better Use (MBU) smaller schemes
  - Local Network Management Schemes (LNMS)
  - Network Operator (Technology)
  - Research
- Maintenance



Environmental Performance Indicators

- Highways Agency's environmental performance indicators first introduced for 2000-01 business plan.
- Indicator: The % achievement of the average annual target based on the environmental programme.
- The target for 2000/01: To achieve an average annual target of 85% across the four environment programme sub-indicators.

Environmental Performance Indicators

- *- **Noise**, where we aim to treat at least 10 sites from the list published in Hansard on 11 November 1999, and to spend the full £5m budget on cost effective schemes*
- *- **Air quality**, where we aim to respond to 95% of consultations on local air quality plans in accordance with local authority review and assessment programme timescales*
- *- **Biodiversity**, where we aim to have 10% by length of the network under active bio-diversity management by 31 March 2001*
- *- **Landscape**, where we aim to have 25% by length of the network under active landscape management by 31 March 2001.*

- 2000-01 Business Plan

Environmental Performance Indicators (Output)

- *Average achievement, at least 95%, across the following five sub-indicators:*

Environmental Performance Indicators (Output)

- *Improve air quality of at least 4 sites in Air Quality Management Areas*
- *Achieve at least 12% of Biodiversity Action Plan, extending across 15 targets*
- *Introduce no less than 8 planting schemes to enhance the landscape*
- *Treat at least 300 lane kms of concrete road surface with lower noise surfacing*
- *Treat at least 2 pollution risk water outfall sites.*

2003-04 Business Plan

Proposed Future Development

- Performance in the delivery of targeted interventions (outputs)
- Programme wide analysis of expected delivery against the environmental appraisal sub-objectives (outcomes)
- Network wide analysis of the Agency's highway estate

Delivery against Environmental Appraisal

The UK Government's five objectives for transport are:

- to protect and enhance the built and natural environment;
- to improve safety for all travellers;
- to contribute to an efficient economy;
- to promote accessibility; and,
- to promote the integration of all forms of transport and land use planning

Delivery against Environmental Appraisal sub-objectives

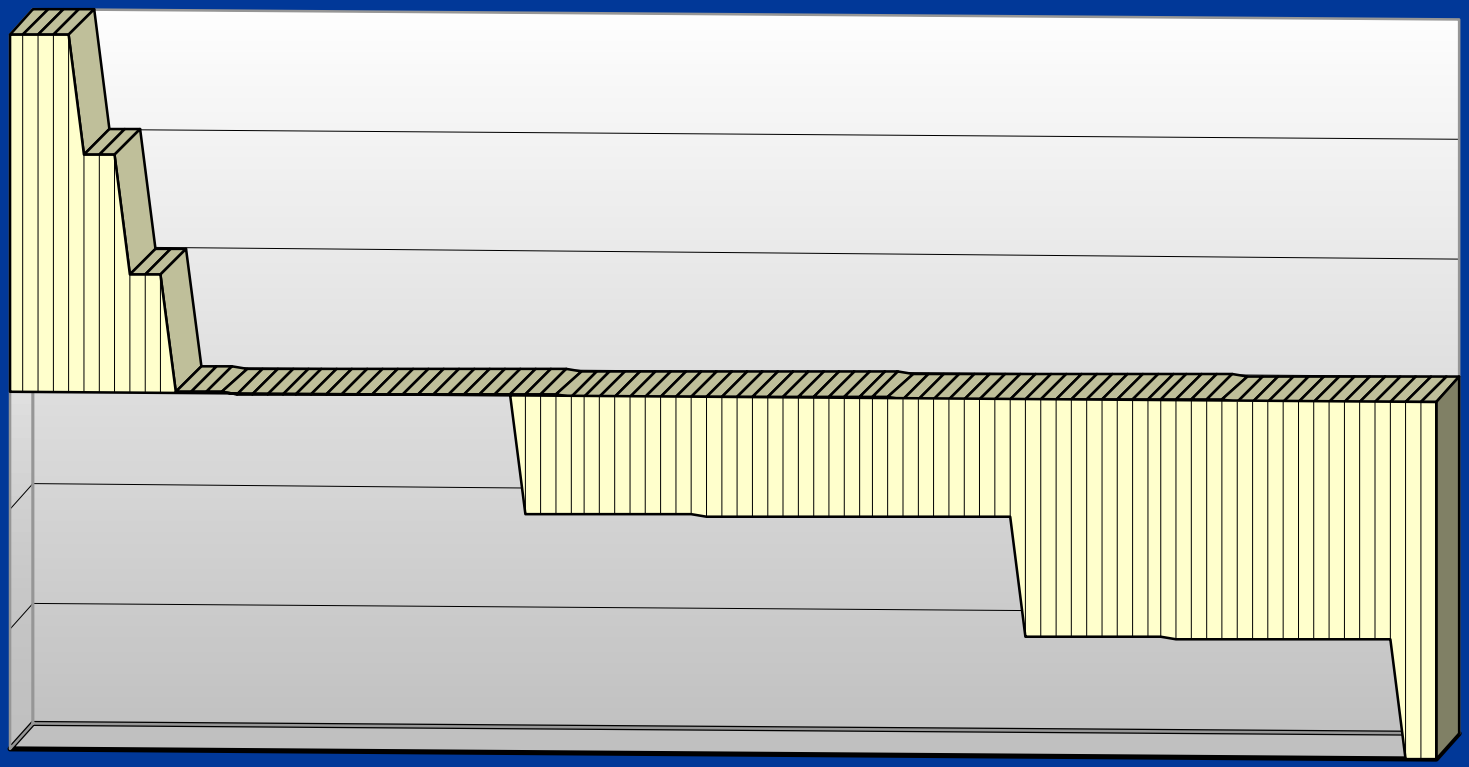
- to reduce noise,
- to improve local air quality
- to reduce greenhouse gases
- to protect and enhance the landscape
- to protect and enhance the townscape
- to protect the heritage of historic resources
- to support biodiversity
- to protect the water environment
- to encourage physical fitness
- to improve journey ambience

Delivery against Environmental Appraisal

- Qualitative (descriptions of significant issues on a given scheme)
- Quantative (numerical values of the impact)
- Assessment Score (a quantified value where numbers exist or a textural descriptive score)

Large Adverse	Moderate Adverse	Slight Adverse	Neutral	Slight Beneficial	Moderate Beneficial	Large Beneficial

HIGHWAYS AGENCY



Large beneficial

Moderate beneficial

Slight beneficial

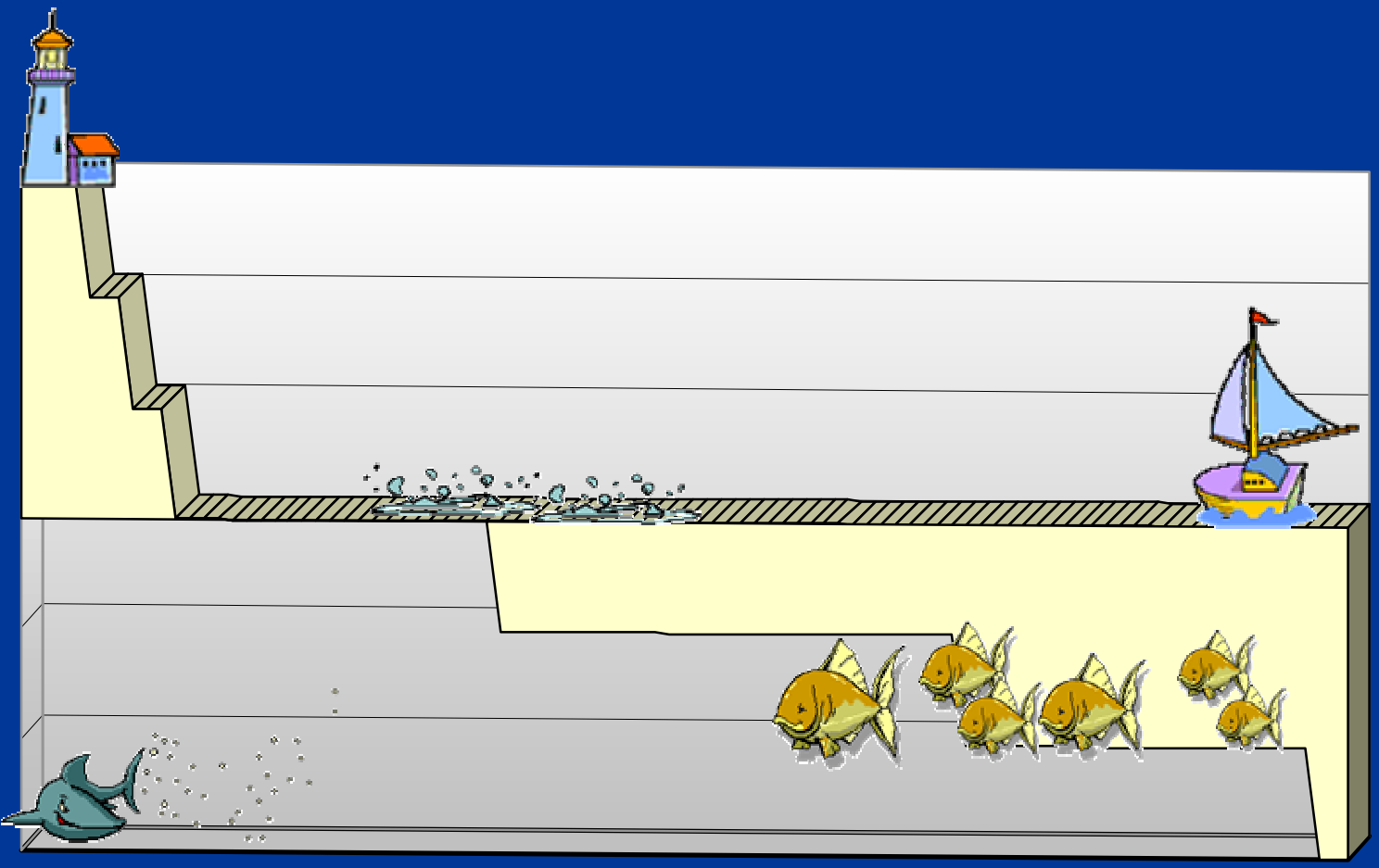
Neutral

Slight adverse

Moderate adverse

Large adverse

HIGHWAYS AGENCY



Large beneficial

Moderate beneficial

Slight beneficial

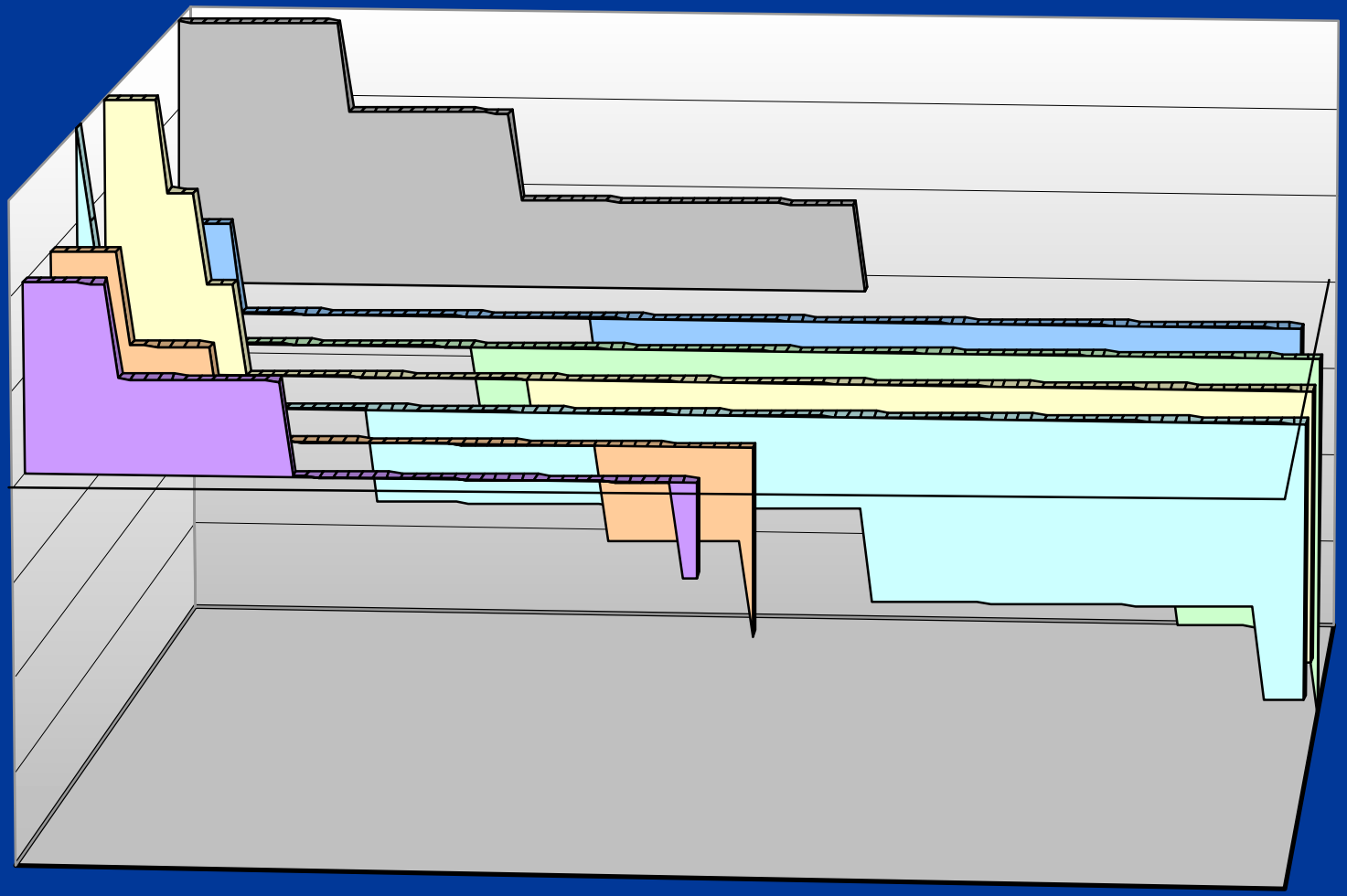
Neutral

Slight adverse

Moderate adverse

Large adverse

HIGHWAYS AGENCY



Large beneficial

Moderate beneficial

Slight beneficial

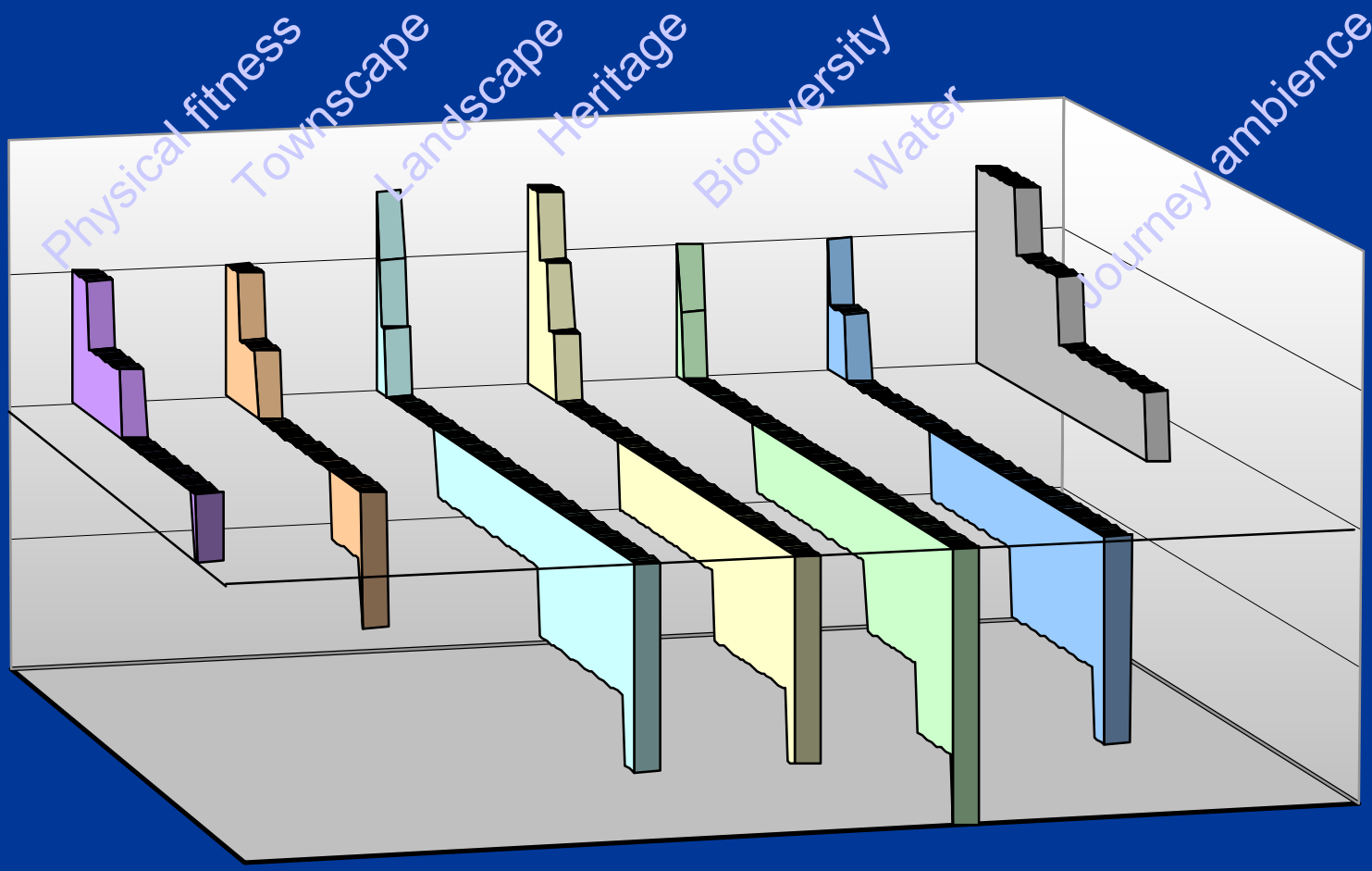
Neutral

Slight adverse

Moderate adverse

Large adverse

Very Large adverse



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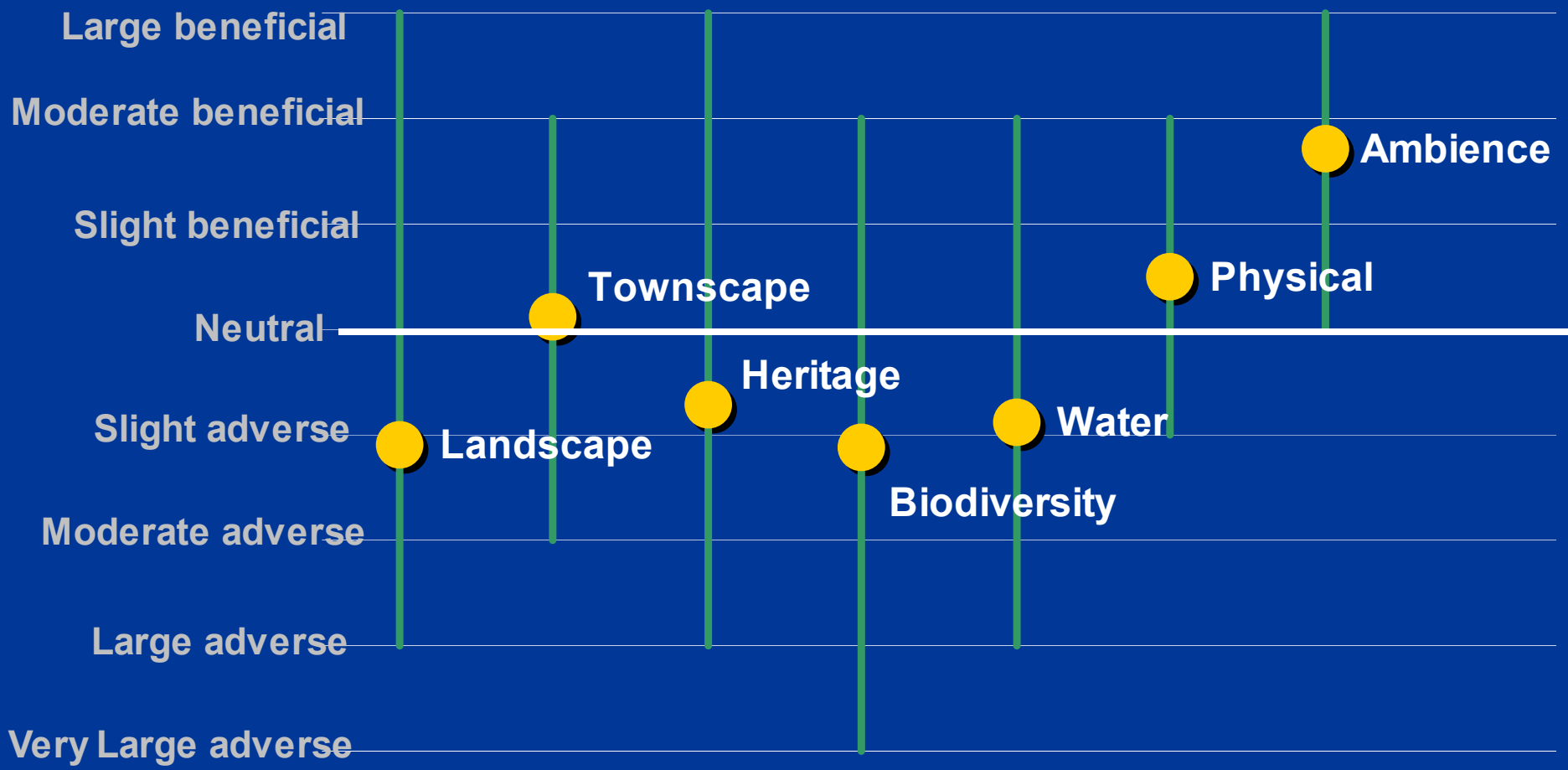
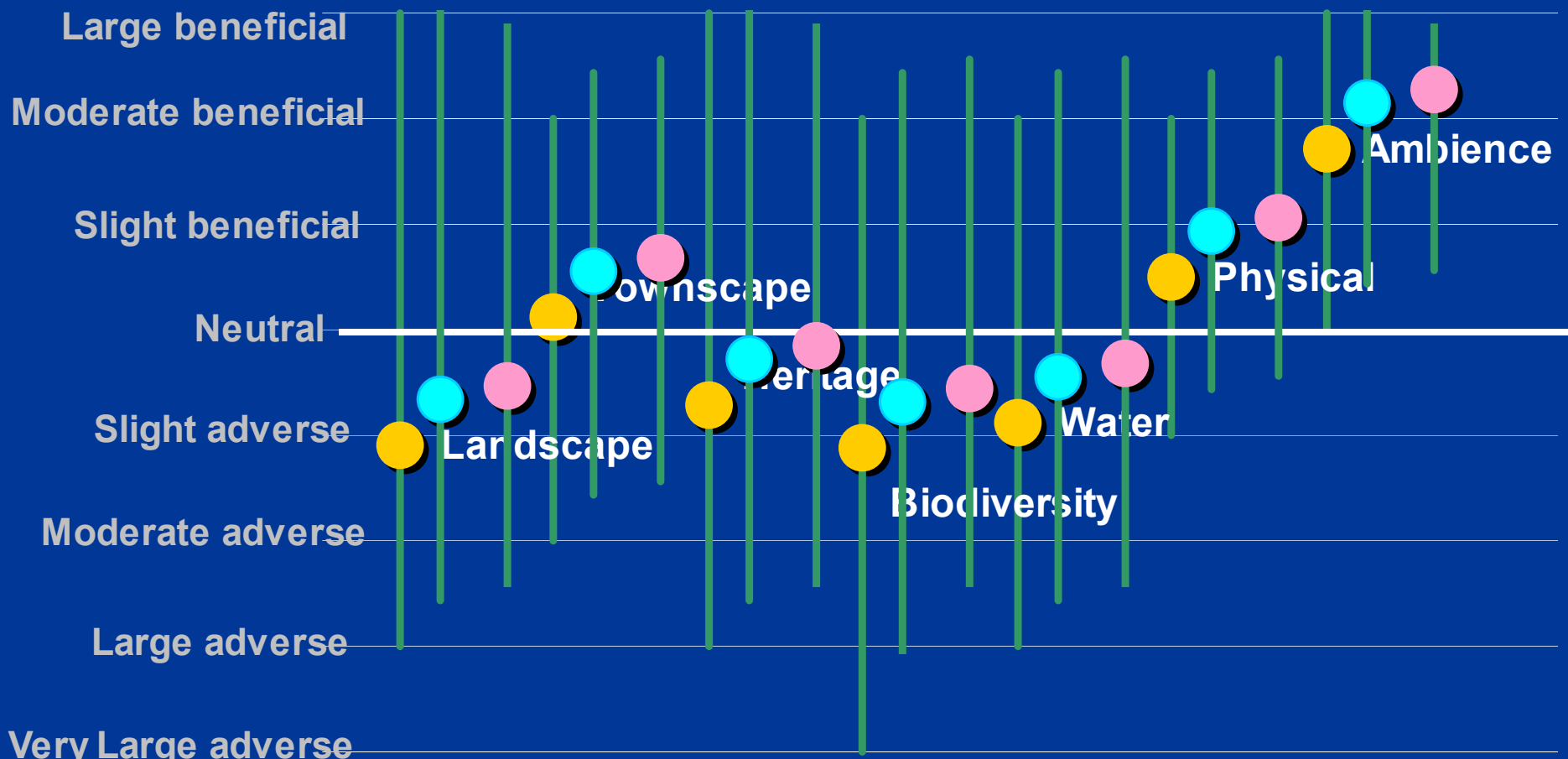

Large beneficial
Moderate beneficial
Slight beneficial
Neutral
Slight adverse
Moderate adverse
Large adverse
Very Large adverse
Ambience
Physical
Townscape
Heritage
Water
Landscape
Biodiversity


Large beneficial
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Neutral
Slight adverse
Moderate adverse
Large adverse
Very Large adverse
Ambience
Physical
Water
Biodiversity

Delivery against Environmental Appraisal

- Overall forecast performance by distribution of scores (quantity and significance) – the balance;
- Range of scores and potential for target setting;
- Trend over time – acceptance, open and transparent.

HIGHWAYS AGENCY