

# A59 Kex Gill Diversion Scheme

## Options Assessment Report

### APPENDIX 3 – EAST – Economic Case Scoring

March 2017

Prepared for:



Prepared by:



# 1 Early Assessment and Sifting Tool (EAST) – Economic Case Scoring

## 1.1 Introduction

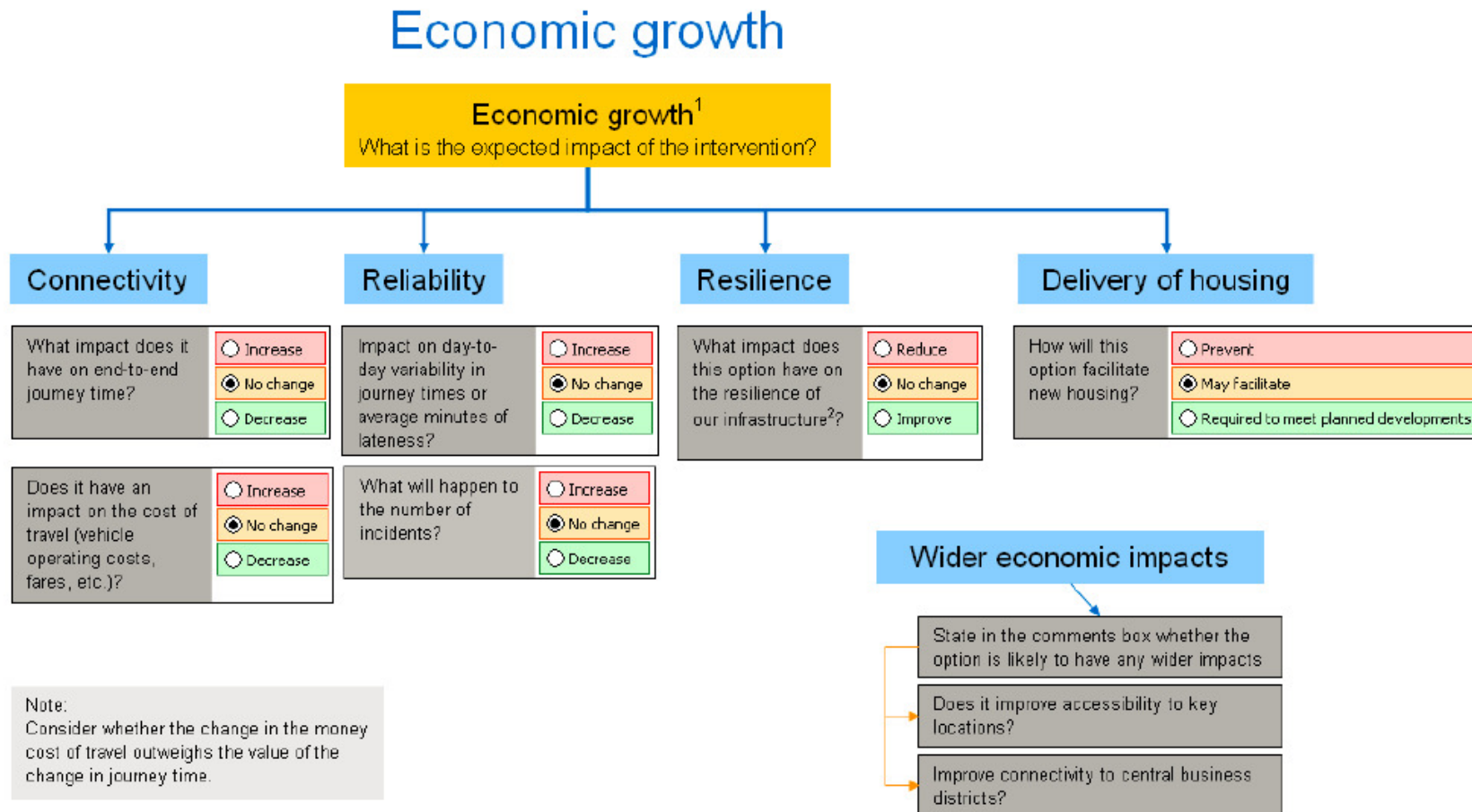
The EAST assessment examines the Strategic, Economic, Managerial, Financial and Commercial Cases for each corridor. As part of the Economic Case appraisal a high level assessment of the extent of all the economic, environmental and social impacts of each of the corridors has been undertaken.

In line with the Department for Transport guidance, and the decision tree examples for the Red Amber Green (RAG) scoring, the initial corridors for a Kex Gill diversion scheme have been scored against various metrics including:

- Economic Growth (Figure 1)
- Carbon Emissions (Figure 2)
- Socio-Distributional Impacts and Regions (Figure 3)
- Local Environment (Figure 4)
- Well Being (Figure 5)

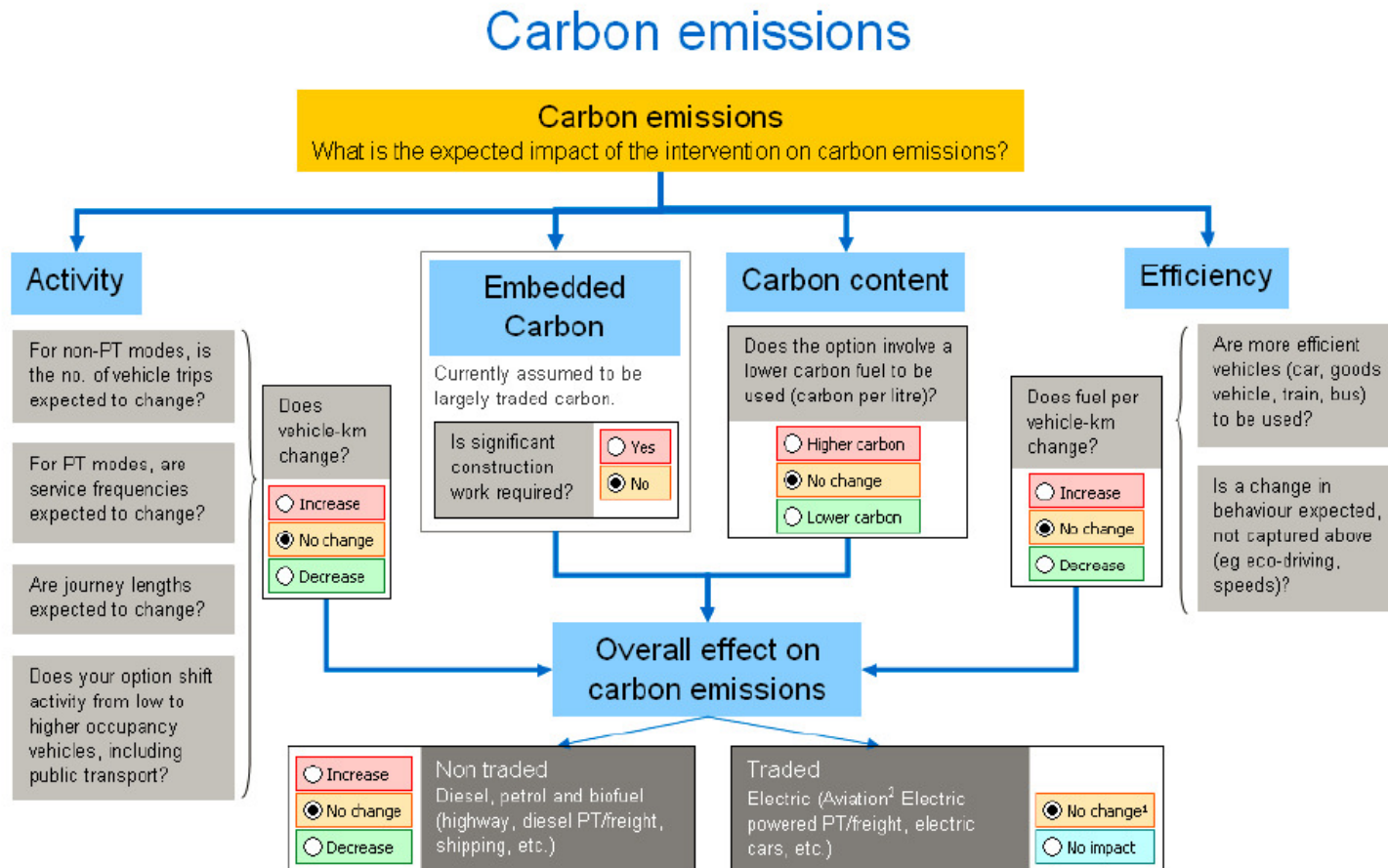
The following figures include extracts from the EAST guidance, detailing the decision tree process for this assessment.

Figure 1 – Economic Growth



<sup>1</sup> Applicable only to business and commuters only (excludes leisure) <sup>2</sup> Eg. acts of terrorism, severe weather events or the effects of climate change

Figure 2 – Carbon Emissions

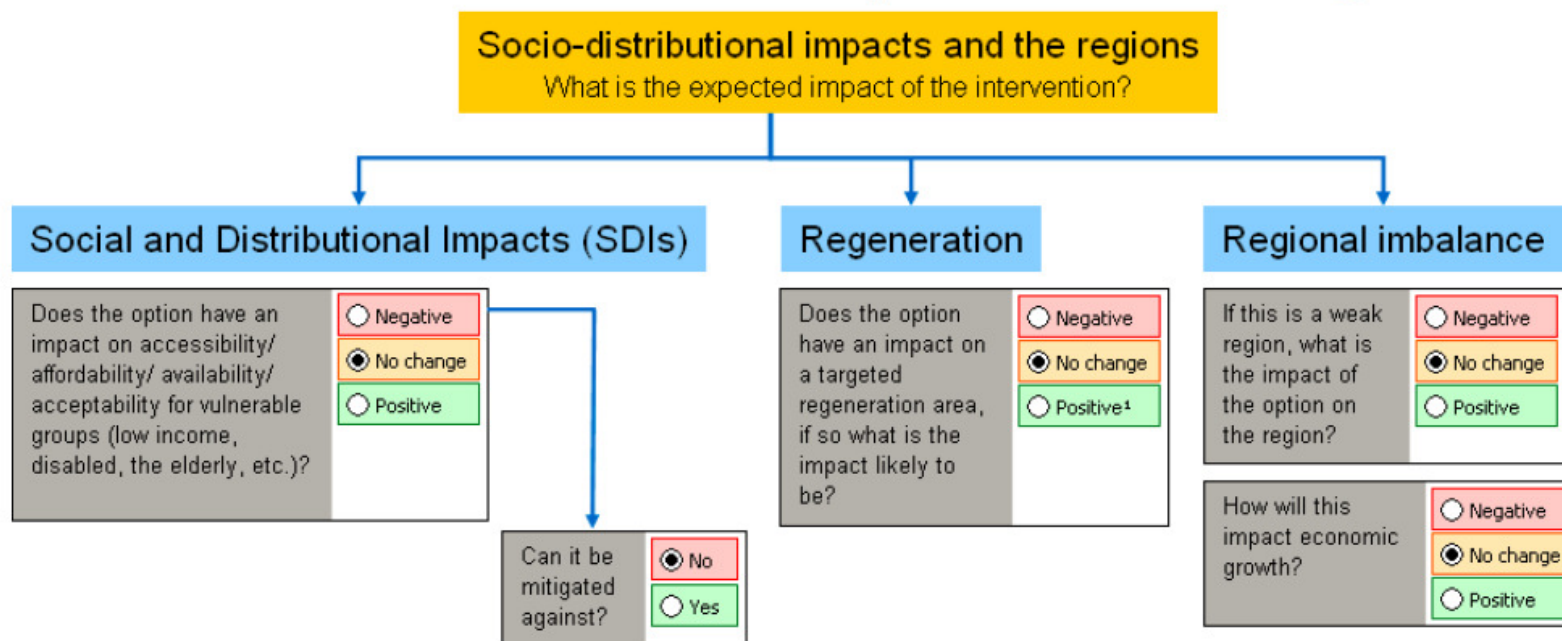


<sup>1</sup> Net effect on traded carbon would not impact total carbon dioxide emissions, and hence, the net impact should be reflected as 'No change'.

<sup>2</sup> Aviation is due to enter the traded sector in 2012

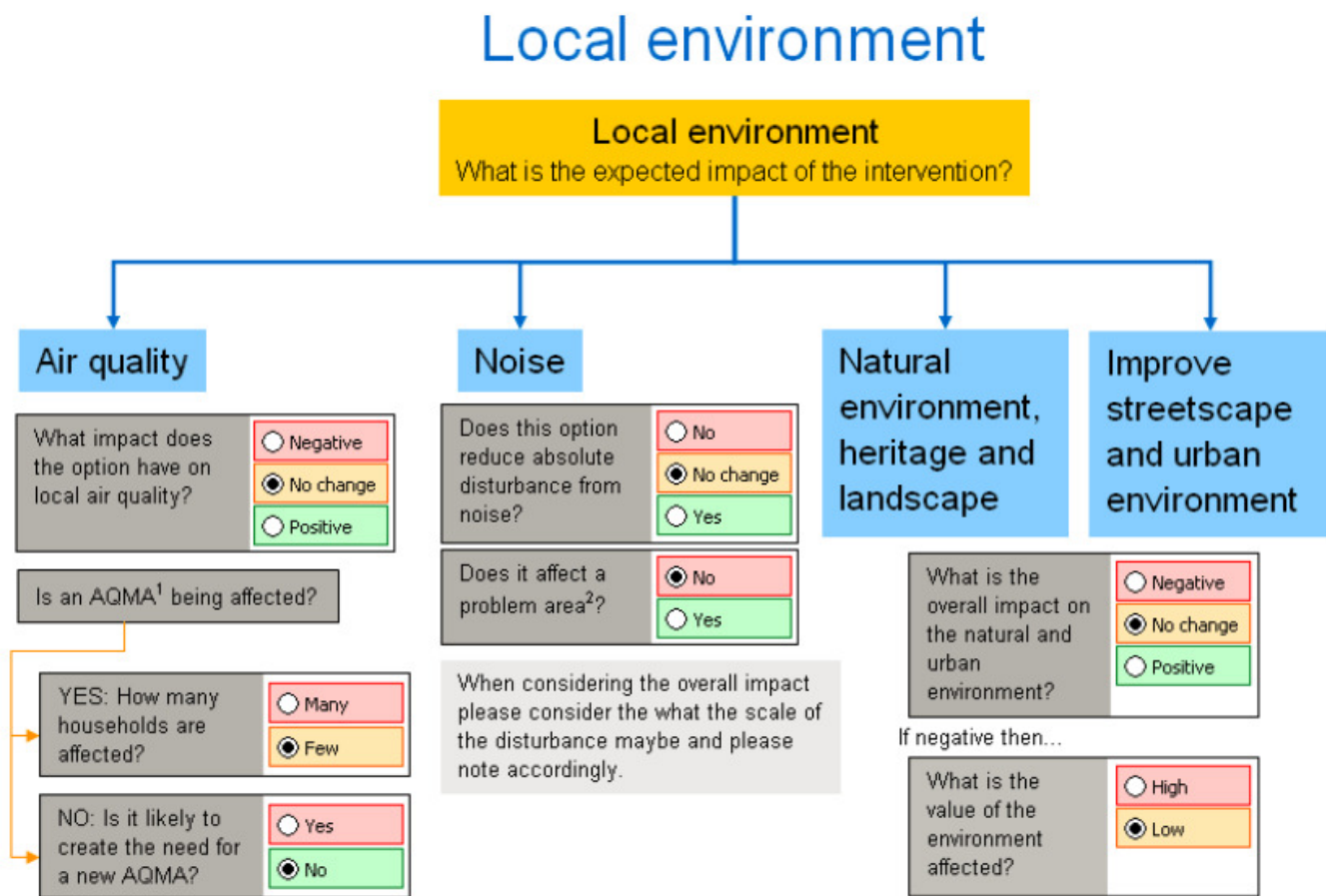
Figure 3 – Socio-Distributional Impacts and Regions

## Socio-distributional impacts and the regions



It should be noted that there are eight Social and Distributional Impacts (SDIs) that need to be considered in a full appraisal. The eight SDIs are Noise, Air Quality, Severance, Accessibility, Personal Affordability, Accidents, Security, and User Benefits, which are also relevant to the other goals. See the Strategic Appraisal Guidance for more information.

Figure 4 – Local Environment



<sup>1</sup> AQMA – Air Quality Management Area <sup>2</sup> See DEFRA Noise Action Plan

Figure 5 – Well Being

