

A1 in Northumberland: Morpeth to Ellingham

Scheme Number: TR010059

7.29.1 Applicant's Responses to ExA's Third Written Questions - Appendix i - Scheme Impacts on Carbon Budgets (LA114 format)

Rule 8(1)(b)

Infrastructure Planning (Examination Procedure) Rules 2010

Planning Act 2008

May 2021

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Examination Procedure) Rules
2010**

**The A1 in Northumberland: Morpeth to
Ellingham**

Development Consent Order 20[xx]

**Appendix i - Scheme Impacts on Carbon Budgets
(LA114 format)**

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1 INTRODUCTION

- 1.1.1. The table presented below reports the Greenhouse Gas (GHG) emissions from the Scheme (as originally reported in Table 16.8 of Chapter 16 Assessment of Cumulative Effects of the ES [APP-062]) but has been adapted to be presented in the format described in the Design Manual for Roads and Bridges (DMRB) LA114 Climate. The table sets out construction and operational emissions of the Scheme for the third, fourth, fifth and sixth carbon budgets and total emissions for the Scheme.

Table 1-1 – GHG Emissions from the Scheme

Project Stage	Estimated total carbon over carbon budget (ktCO ₂ e) Do something	Net CO ₂ project GHG emissions (ktco ₂ e) (Do something - Do minimum)	Relevant carbon budget GHG emissions (ktco ₂ e)			
			Third carbon budget (2018-22) (2,544MtCO ₂ e)	Fourth carbon budget (2023-27) (1,950MtCO ₂ e)	Fifth carbon budget (2028-32) (1,725MtCO ₂ e)	Sixth carbon budget (2033 - 2037) (965 MtCO ₂ e)
Construction	59	59	39	20	0	0
Operation	8,915	2,427	0	141	185	201
Total	8,975	2,487	39	161	185	201

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