

RIS2 schemes	User emissions over 60 years (tCO2e)	Construction emissions (from Environmental Statements and PEIR where available)
North		
N1 A1 Morpeth to Ellingham	<u>1,378,282</u>	<u>59,000</u>
N6 A19 Down Hill Lane	<u>25,684</u>	
N8 A1 Birtley to Coal House (stage 3)	<u>250,456</u>	<u>165,559</u>
<i>N9 A66 Northern Trans-Pennine</i>	<u>3,308,479</u>	
N14 A585 Windy Harbour to Skippool	<u>311,225</u>	<u>22,574</u>
N21 M62 Junctions 20 - 25 (SMART motorway)	<u>1,350,786</u>	
N26 M60/M62/M66 Simister Island (Option C2)	<u>242,604</u>	
N27 M6 Junctions 21A-26 (SMART motorway)	<u>4,104,829</u>	<u>450,918</u>
N28 A61 Westwood Roundabout		
N30 A5036 Princess Way (Port of Liverpool Access)	<u>555,232</u>	
<i>N31 Mottram Moor Link Road & A57 Link Road</i>	<u>284,977</u>	
N36 M56 Junctions 6 - 8 (SMART motorway)	<u>361,381</u>	
N38 M6 Junction 19	<u>93,048</u>	
Midlands		
C2 A46 Newark Bypass		
C6 A38 Derby Junctions	<u>148,455</u>	<u>130,858</u>
C16 M54-M6 Link Road	<u>1,956,000</u>	<u>81,890</u>
C19 A5 Dodwells to Longshoot		
C21 M42 Junction 6	<u>611,513</u>	<u>176,686</u>
C23 A46 Coventry Junctions	<u>730,881</u>	
C25 M40 / M42 interchange (SMART motorway)	<u>1,375,681</u>	

East

E1 A47 North Tuddenham to Easton	<u>508,203</u>	<u>87,727</u>
E2 A47 Blofield to North Burlingham	<u>132,017</u>	<u>25,765</u>
E4 A47 Great Yarmouth Junctions	<u>6,720</u>	
E5 A47 Thickthorn Junction	<u>136,725</u>	<u>25,946</u>
E7 A47 Guyhirn Junction	<u>27</u>	
E8 A47 Wansford to Sutton		
E14 A428 Black Cat to Caxton Gibbet	<u>3,313,499</u>	<u>208,380</u>
E16 A5 Towcester Relief Road	<u>-933</u>	
E20 A1(M) Junctions 6 - 8 (SMART motorway)	<u>79,285</u>	
E24 A12 Chelmsford to A120	<u>1,826,288</u>	
E26 M11 Junction 7a	<u>350,143</u>	
E27 M25 Junction 25	<u>29,000</u>	
E28 M25 Junction 28	<u>38,466</u>	<u>36,954</u>
E30 Lower Thames Crossing	<u>3,200,000</u>	<u>2,000,000</u>

South and West

S2 A417 Air Balloon (Missing Link)	<u>847,108</u>	<u>47,000</u>
S6 M25 10 – 16 (SMART motorway)	<u>-1,208,214</u>	
S10 A2 Bean and Ebbsfleet	<u>53,331</u>	
S12 M2 Junction 5	<u>174,915</u>	
S13 M25 Junction 10	<u>208,627</u>	<u>92,367</u>
S21 A303 Amesbury to Berwick Down (Stonehenge)	<u>1,955,509</u>	<u>466,903</u>
S23 M3 Junction 9	<u>534,628</u>	
S24 A303 Sparkford to Ilchester	<u>631,167</u>	<u>10,414</u>
S26 M3 9 – 14 (SMART motorway)	<u>1,075,726</u>	
S27 A358 Taunton to Southfields	<u>560,944</u>	
S31 M27 Junction 8	<u>-2,106</u>	
S32 A31 Ringwood	<u>-6,631</u>	

S33 A27 East of Lewes Package	<u>80,950</u>	
S35 A27 Arundel Bypass	<u>247,028</u>	
S37 A27 Worthing and Lancing Improvements		
S40 A30 Chiverton to Carland Cross	<u>1,724</u>	<u>79,920</u>
TOTAL (RIS2 roads only) (50 schemes, but 5 appraisals missing)	31,863,659	4,168,861
Total for "New" RIS2 schemes	7,598,191	2,047,000

For the five schemes where there is no data this is because the request has been refused, no AST is available, or the AST did not include a carbon figure