

RIS2 schemes	User emissions over 60 years (tCO2e)	Construction emissions (from Environmental Statements and PEIR where available)
<b>North</b>		
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>	
<i>N26 M60/M62/M66 Simister Island (Option C2)</i>	<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 &amp; 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>	
<b>Midlands</b>		
<i>C2 A46 Newark Bypass</i>		
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>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		
E7 A47 Guyhirn Junction	<u>27</u>	
E8 A47 Wansford to Sutton		
E14 A428 Black Cat to Caxton Gibbet		
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	<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>
<b>TOTAL (RIS2 roads only) (53 schemes, but 7 appraisals missing)</b>	<b>27,801,922</b>	<b>3,934,535</b>
<b>Total for "New" RIS2 schemes</b>	<b>7,598,191</b>	<b>2,047,000</b>

For the seven 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