

# Evaluation of Climate Change Resilience of Urban Road Network Strategies

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## Reference List S1: List of policy documents gathered through systematic review

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**Table S1.** Policy Document Key.

| <b>Key</b> | <b>Policy documents</b>   |
|------------|---|
| <b>A</b>   | Black Country - Local Strategy for Flood Risk Management 2016                 |
| <b>B</b>   | Solihull MBC - Local Flood Risk Management Strategy 2015                      |
| <b>C</b>   | Coventry CC - Local Flood Risk Management Strategy 2015                       |
| <b>D</b>   | Birmingham CC - Birmingham Mobility Action Plan Green Paper 2013              |
| <b>E</b>   | Birmingham CC - Infrastructure Delivery Plan 2014                             |
| <b>F</b>   | Sandwell MBC - Winter Service Plan 2019-20                                    |
| <b>G</b>   | TfWM - West Midlands Local Transport Plan 2011-26                             |
| <b>H</b>   | Birmingham CC - Birmingham Mobility Action Plan White Paper 2014              |
| <b>I</b>   | Birmingham CC - Local Flood Risk Management Strategy for<br>Birmingham 2017   |
| <b>J</b>   | WMCA Movement for Growth - 2026 Delivery Plan for Transport                   |
| <b>K</b>   | Solihull MBC - Solihull Local Plan: Shaping a Sustainable Future 2013         |
| <b>L</b>   | Solihull MBC - Winter Plan 2018-23  |
| <b>M</b>   | Walsall Council - Highway Asset Management Plan 2015-2021                     |
| <b>N</b>   | Walsall Council - Highway Maintenance Strategy 2015-18                        |
| <b>O</b>   | WMCA Movement for Growth - The West Midlands Strategic Transport<br>Plan 2016 |
| <b>P</b>   | Birmingham CC - Birmingham Plan 2031: Birmingham Development<br>Plan          |
| <b>Q</b>   | Coventry CC - Highway Infrastructure Asset Management Plan 2019               |
| <b>R</b>   | Solihull MBC - Draft Infrastructure Delivery Plan 2020                        |
| <b>S</b>   | Birmingham CC - Birmingham Transport Plan 2020                                |
| <b>T</b>   | Coventry CC - Local Plan 2017   |
| <b>U</b>   | TfWM - Congestion Management Plan 2018  |
| <b>V</b>   | Walsall Council - Highway Asset Management Strategy 2020                      |
| <b>W</b>   | Black Country - Core Strategy 2011  |
| <b>X</b>   | Dudley MBC - Dudley Area Action Plan 2017                                     |
| <b>Y</b>   | Birmingham CC - Birmingham Sustainable Community Strategy 2026                |
| <b>Z</b>   | Dudley MBC - Transport Asset Management Plan 2016                             |
| <b>AA</b>  | Walsall Council - Highway Maintenance Management Plan 2019                    |
| <b>AB</b>  | Walsall Council - Winter Service Operational Plan 2015-18                     |
| <b>AC</b>  | Walsall Council - Winter Service Operational Plan 2019-2022                   |
| <b>AD</b>  | Sandwell MBC - Highway Infrastructure Asset Management Strategy<br>2018       |
| <b>AE</b>  | Solihull Council Highway Services - Highway Maintenance Plan 2019             |
| <b>AF</b>  | Walsall Council - Transport in Walsall Strategy 2017-2022                     |
| <b>AG</b>  | Coventry CC - Coventry Connected (Transport and Accessibility) 2018           |
| <b>AH</b>  | Birmingham CC - Winter Service Plan   |
| <b>AI</b>  | Coventry CC - Winter Service Plan   |

| Policy document key | Roles and responsibilities | Regularly reviewed | Cost-benefit appraisal | Accessibility | Communication with road users | Collaboration | Flexibility | Inter-dependencies | Total |
|---------------------|----------------------------|--------------------|------------------------|---------------|-------------------------------|---------------|-------------|--------------------|-------|
| A                   | 5                          | 5                  | 4                      | 5             | 5                             | 5             | 2           | 4                  | 35    |
| B                   | 5                          | 5                  | 4                      | 5             | 4                             | 5             | 3           | 3                  | 34    |
| C                   | 5                          | 5                  | 4                      | 5             | 4                             | 5             | 2           | 3                  | 33    |
| D                   | 3                          | 5                  | 3                      | 5             | 4                             | 5             | 5           | 1                  | 31    |
| E                   | 5                          | 4                  | 4                      | 5             | 1                             | 5             | 4           | 2                  | 30    |
| F                   | 5                          | 3                  | 4                      | 2             | 5                             | 5             | 4           | 2                  | 30    |
| G                   | 3                          | 5                  | 3                      | 5             | 3                             | 5             | 4           | 2                  | 30    |
| H                   | 2                          | 5                  | 2                      | 5             | 3                             | 5             | 5           | 2                  | 29    |
| I                   | 5                          | 4                  | 4                      | 5             | 2                             | 5             | 2           | 2                  | 29    |
| J                   | 2                          | 5                  | 3                      | 5             | 2                             | 5             | 5           | 1                  | 28    |
| K                   | 3                          | 5                  | 3                      | 5             | 1                             | 5             | 4           | 1                  | 27    |
| L                   | 4                          | 5                  | 2                      | 4             | 4                             | 4             | 3           | 1                  | 27    |
| M                   | 2                          | 5                  | 4                      | 5             | 3                             | 5             | 2           | 1                  | 27    |
| N                   | 3                          | 5                  | 4                      | 5             | 2                             | 5             | 1           | 2                  | 27    |
| O                   | 2                          | 4                  | 3                      | 5             | 1                             | 5             | 5           | 2                  | 27    |
| P                   | 3                          | 3                  | 3                      | 5             | 3                             | 5             | 4           | 1                  | 27    |
| Q                   | 3                          | 5                  | 4                      | 5             | 2                             | 5             | 2           | 1                  | 27    |
| R                   | 5                          | 4                  | 4                      | 2             | 1                             | 5             | 5           | 1                  | 27    |
| S                   | 4                          | 1                  | 2                      | 5             | 3                             | 5             | 5           | 1                  | 26    |
| T                   | 2                          | 5                  | 3                      | 5             | 1                             | 5             | 4           | 1                  | 26    |
| U                   | 2                          | 4                  | 2                      | 4             | 4                             | 5             | 4           | 1                  | 26    |
| V                   | 5                          | 5                  | 4                      | 5             | 2                             | 3             | 1           | 1                  | 26    |
| W                   | 2                          | 5                  | 2                      | 5             | 1                             | 5             | 4           | 1                  | 25    |
| X                   | 3                          | 3                  | 2                      | 5             | 1                             | 5             | 4           | 1                  | 24    |
| Y                   | 2                          | 4                  | 2                      | 5             | 1                             | 5             | 3           | 1                  | 23    |
| Z                   | 4                          | 3                  | 2                      | 5             | 1                             | 5             | 2           | 1                  | 23    |
| AA                  | 3                          | 3                  | 2                      | 5             | 4                             | 3             | 2           | 1                  | 23    |
| AB                  | 4                          | 1                  | 1                      | 5             | 5                             | 4             | 2           | 1                  | 23    |
| AC                  | 4                          | 1                  | 1                      | 5             | 5                             | 4             | 2           | 1                  | 23    |
| AD                  | 3                          | 5                  | 2                      | 5             | 2                             | 3             | 1           | 1                  | 22    |
| AE                  | 2                          | 4                  | 2                      | 2             | 4                             | 5             | 2           | 1                  | 22    |
| AF                  | 4                          | 1                  | 2                      | 5             | 1                             | 5             | 3           | 1                  | 22    |
| AG                  | 2                          | 1                  | 2                      | 5             | 1                             | 4             | 4           | 1                  | 20    |
| AH                  |                            |                    |                        | 1             |                               |               |             |                    | 1     |
| AI                  |                            |                    |                        | 1             |                               |               |             |                    | 1     |