

| High-Level Adaptation Action Summary | | | |
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| Reference | Adaptation Strategy | Examples | Responsibility |
| A1 | Gather and share information on climate change trends, impact assessments and adaptation activities across the region | <ul style="list-style-type: none"> Promote regional weather data collection and analysis | Met Office, Environment Agency, UKCIP |
| | | <ul style="list-style-type: none"> Share information about impact assessments and adaptation activities via websites, conferences, etc. | <p>Regional: UKCIP, Sustaine, Environment Agency</p> <p>Sub-regional: Northumberland Strategic Partnership, Tyne Wear Partnership, County Durham Partnership, Tees Valley Partnership</p> |
| A2 | Risk awareness and risk-based management plans | <ul style="list-style-type: none"> Business Continuity Plans | Businesses, Services |
| | | <ul style="list-style-type: none"> Seasonal Preparedness Plans Risk Assessments | Transport Operators, Health Service, Environment Agency, Public Services |
| A3 | Inspection, monitoring and maintenance of assets | <ul style="list-style-type: none"> Asset inspections and repairs Animal welfare examinations | Local Authorities, Environment Agency, Network Rail, Highways Agency, Emergency Services, Farmers, etc. |
| A4 | Physical adaptation in the use or structure of buildings and infrastructure | <ul style="list-style-type: none"> Building use Retro fitting / refurbishment / replacement Resilient reinstatement Capacity in new builds | Local Authorities, Businesses, Health Service, Transport Operators, Utilities Providers |
| | | <ul style="list-style-type: none"> Industry design guide allowances | Research Organisations (e.g. CIRIA) Government departments |
| A5 | Warnings to enable preventable actions | <ul style="list-style-type: none"> Warning systems Public information leaflets | Environment Agency, Met Office, Health Service, National parks |
| A6 | Prioritisation and delivery of adaptation actions | <ul style="list-style-type: none"> Risk based prioritisation Practical delivery | <p>Promotion of concept: Sustaine, Sub-regional Partnerships</p> <p>Delivery: All</p> |
| A7 | Resource planning and management | <ul style="list-style-type: none"> Different approaches – new resources Additional resources Timing of deployment of resources | Local Authorities, Transport Operators, Utilities Providers, Environment Agency, Emergency Services, Health Service |

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| A8 | Increased use of novel technology and the need for further innovation | Research and Development | Universities Business / Industry |
| | | Demonstration Projects | Environment Agency, Local Authorities, Utilities Providers, Transport Operators |
| A9 | Influence long-term planning | Land use, planning and development control | Local Authorities, Environment Agency, Sub-regional Partnerships, Regional Development Agency, Regional Assembly |
| | | Medium and Long Term Plans | All organisations and businesses |
| A10 | Encourage cross-sectoral, partnership-based awareness and responses | Shared resources Wider-scale awareness and joint responses | Lead: Environment Agency, Local Authorities, Emergency Services, Health Services, Sub-regional partnerships Involvement: All organisations and businesses |
| A11 | Exploit opportunities | Tourism and recreation | Regional Development Agency, Sub-regional Tourist Boards, individual businesses |
| | | Innovations | Industry, businesses and universities |
| A12 | Lobby for change | Central government Local government | ANEC, Regional Assembly, Sub-regional Partnerships, Sustaine |
| | | Organisational | All organisations and businesses |
| A13 | Review the effectiveness of adaptation approaches and revise as necessary | | Regional: Sustaine Sub-regional: Sub-regional Partnerships Local: Each organisation and business |