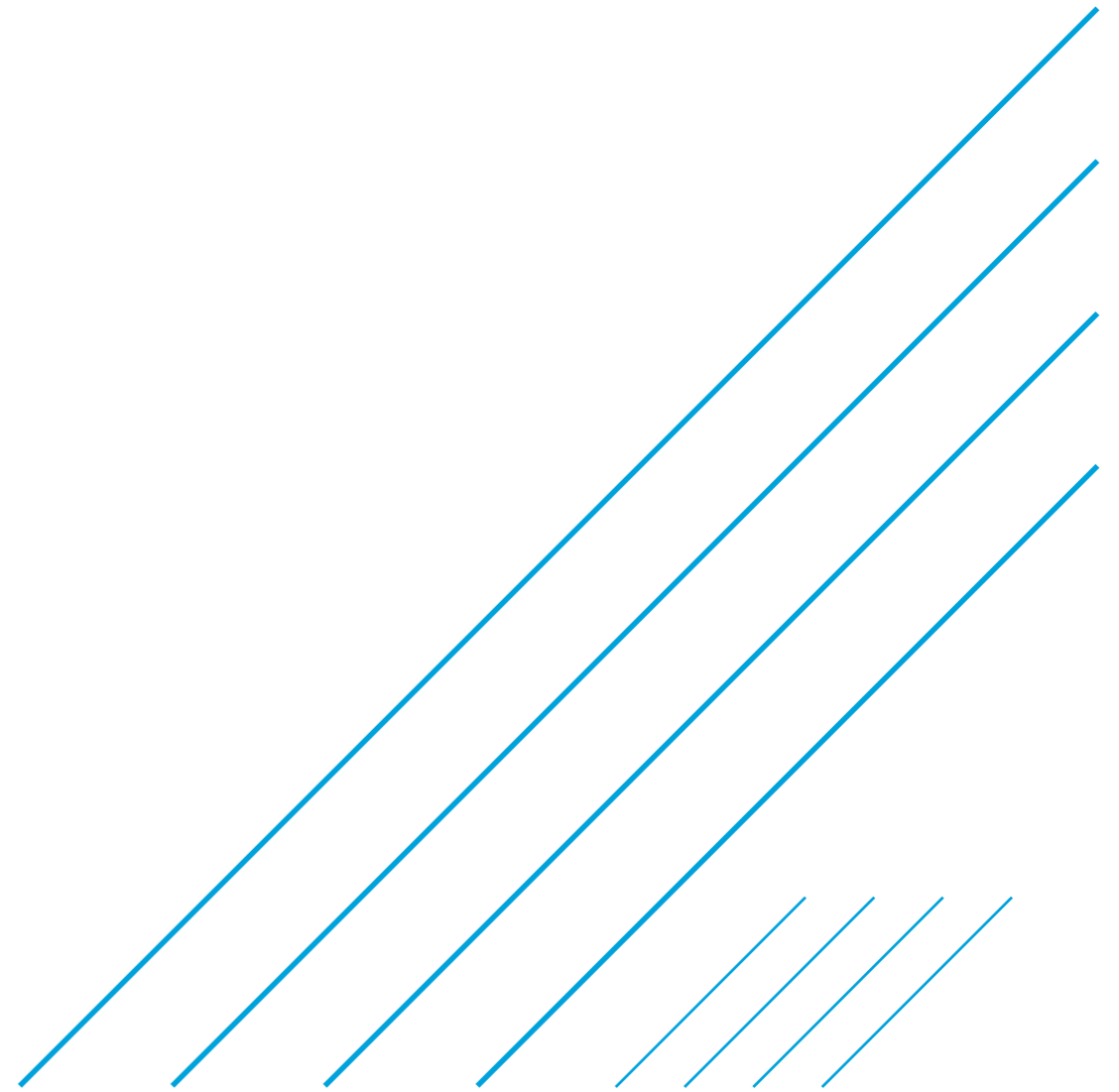


Appendix D

Long and Short Term Actions



Long and Short Term Actions

The following actions have been compiled based on the outputs of workshops and meetings of the Trent Gateway Working Group and contributions from the Working Group Partners. It is not intended that this should be a definitive list but is a snap shot in time of a range of actions that would contribute to delivery of the Trent Gateway Vision and Strategic Objectives.

Each action is shown with an indicative cost range as follows:

££££ >£1million

£££ >£500k

££ >£100k

£ <£100k

Key to Lead Partners:

AT – Angling Trust

CRT – Canal & River Trust

EA – Environment Agency

LA – Local Authority

LEP – Local Enterprise Partnership

Notts BAG – Biodiversity Action Group

NTU – Nottingham Trent University

NWT – Nottinghamshire Wildlife Trust

RSPB – Royal Society for the Protection of Birds

TRT – Trent Rivers Trust



Short Term Projects (1-5 years)

Ref	Project	Description	Lead Partner	Theme Group	Cost range
TG01	Colwick Country Park Visitor Hub	Establish a new high quality visitor's centre. Promote natural heritage, the River Trent and historic features. Create education centre and visitor hub for Nottingham and incorporate interpretation and education about the EA Holme Sluices fish pass and the River Trent.	LA	Community / Education	£££
TG02	Holme Sluices (Colwick) Fish Pass	Installation of all species fish pass at Holme Sluices, Colwick. Including viewing platform and associated interpretation about how the fish pass works and the species of fish that will use it.	EA	Environment / Wildlife / Ecology	££££
TG05	Averham Weir - fish pass	Installation of all species fish pass at Averham Weir to improve access upstream for migrating fish species.	EA	Environment / Wildlife / Ecology	££££
TG13	Fry refuges and connections to existing wetland sites.	Desilt the fish fry refuge and reset the inlet level of existing fry refuges at Kneeton & Thrumpton. Also seek opportunities for improving connections for fish fry and eels to wetland sites along the River Trent.	EA	Environment / Wildlife / Ecology	££
TG15	INNS Control & Management	Seek opportunities to fund invasive species (floating pennywort, Himalayan balsam, Japanese knotweed, Mink) control. Also consider from a biosecurity point of view when working up any existing/future projects. We don't want to see any river enhancements to create greater problems on the Trent for INNS.	Notts BAG	Environment / Wildlife / Ecology	£
TG16	Citizen Science Webcam Project	Installation of webcams to record Salmon jumping at weirs. Possible citizen science project to record numbers. TRT to host on their website and cameras linked to visitor hubs to show activity and 'Live feed' using fish monitoring technology to show progress upstream.	TRT	Environment / Wildlife / Ecology	££
TG17	Interpretation at Trent valley wildlife attractions	Create over-arching programme designed to interpret the story of the valley through variety of interpretation. Smaller site-based interpretation projects to improve visitor experience at key attractions and across the Trent Gateway area. Explore options to have mobile display that can tour the key attractions in the area showing how the area has changed.	NWT	Community / Education	£
TG19	Langford Western Extension	Restore mineral workings along the Trent corridor via the 'restoration after minerals' and 'Bigger & Bigger' concept. Initial focus on options at Langford to create connection to the 'western extension' in collaboration with RSPB / Tarmac.	RSPB	Environment / Wildlife / Ecology	££



Short Term Projects (1-5 years)

Ref	Project	Description	Lead Partner	Theme Group	Cost range
TG22	Langford tower viewing platform & bird hide	Create viewing tower bird hide at Langford to be able to see the reserve and River Trent (upstream & downstream). Incorporate interpretation about the reserve and the River Trent.	RSPB	Community / Education	££
TG23	Promote / enhance economic opportunities	Promotion of points of historic / cultural interest and viewing points, particularly at Ladybay Bridge and in city centre, Colwick Industrial Estate, Boots Regeneration Site, Waterside Regeneration Area, and The Meadows.	LEP	Connections / Recreation	£
TG26	Trent Connections - Connect communities with riverside routes	Linked to the Local Access Forum we will seek to improve access, looking at gaps in existing networks including canoeing, walking and cycling. Explore new routes that will link communities with the river to improve connections for daily use such as commuting and ensuring links with national trails. Support initiatives to improve access and ensure long-term management through volunteers.	LA	Connections / Recreation	££
TG26.3	Trent Connections - The Bigger Track & Trent Valley Way	Extend the Big Track to include Holme Pierrepont, Grantham Canal, Barton and Clifton Wood & Colwick. Review the signage and interpretation along Trent Valley Way across the project area and look for opportunities to create biodiversity and improve access links between existing sites.	LA	Connections / Recreation	££
TG26.4	Trent Connections - Erewash Multi User Trail	Extending the Trent Valley Way and multi user trail from Attenborough to Trent Lock.	LA	Connections / Recreation	££
TG26.5	Trent Connections - Sawley towpath improvements	Improve the section of towpath from Sawley to Long Horse Bridge.	LA	Connections / Recreation	££
TG27	Develop and deliver riparian tree planting along the Trent corridor. "Trees on the Trent".	Promote and plant distinctive species (willow, alder and poplars inc. black poplar) immediately adjacent to the River to strengthen the landscape profile of the river corridor and provide additional habitats.	TRT	Environment / Wildlife / Ecology	£
TG28	Erewash fish pass & Attenborough SSSI Restoration	Installation of fish pass and separation of river from the Attenborough lakes at confluence of River Erewash & Trent.	NWT	Environment / Wildlife / Ecology	££
TG29	River Trent Education Programme at key sites	Interpretation and education programme about the River Trent - develop education activities. Provide further opportunities to schools and visitors. Sites include Attenborough, Colwick, Langford, Besthorpe, Holme Pierrepont, Skylarks and Trent Lock.	NWT	Community / Education	££



Short Term Projects (1-5 years)

Ref	Project	Description	Lead Partner	Theme Group	Cost range
TG30	Trent Canoe Trail - The Big Paddle	Create a circular recreational route for canoes and other small craft, connecting to the Big Track cycle route. Include installation of Floating bins which clear debris and plastic from the water (SeaBins). Litter and clean ups carried out by kayakers and boaters to collect plastics and other litter.	CRT	Connections / Recreation	£
TG34	Trent Valley Biodiversity Opportunity Mapping (BOM)	Use the BOM to prioritise opportunities and seek funding to deliver. Action would be to create more focussed mapping and costings associated with the most realistic projects and those that would link to the TG vision and catchment partnership.	TRT	Environment / Wildlife / Ecology	£
TG35	Enhance riverside visitor facilities	Develop and promote of new pubs, tea rooms and ancillary facilities along the riverside.	LA	Community / Education	£
TG37	Marketing strategy	Develop strategy to promote the area as a destination. Implement consistent signage, way marking, street furniture etc.	NTU	Connections / Recreation	£
TG38	Trent Gateway promotional film	Using either new footage or that already collected create a short and slick promotional film about the project. Highlighting the journey of the Salmon / Eels / Lamprey. Professional looking. Seek presenter to give a more personal touch. Interview river users, anglers, conservationists, volunteers.	EA	Environment / Wildlife / Ecology	£
TG40	Pontoon fish refuges	Using boat moorings to provide overhead cover shelter for fish and refuge from cormorant predation. Explore options to roll out the installation of refuge frames to all suitable CRT owned moorings on the Lower Trent.	CRT	Environment / Wildlife / Ecology	££
TG41	Trail of the Civil War - Nottingham Castle to Newark Castle	Interpretation and signage to link the role the River Trent played in the English Civil War. Use of the Civil War museum in Newark and the restored Nottingham Castle.	LA	Heritage / History	££
TG42	Restoration of clapper gates along the Trent	Distinct and unique feature of our River Trent, dating from 1783. Potential volunteer engagement project and extending work done in Trent Vale. Volunteers to record and reclaim parts which are in danger of being lost, and for skilled carpenters or joiners to repair and in some cases create new gates to help maintain this key heritage feature.	CRT	Heritage / History	££



Short Term Projects (1-5 years)

Ref	Project	Description	Lead Partner	Theme Group	Cost range
TG45	Satellite visitor hubs – Sawley / Trent Lock / Beeston	These sites offer potential as visitor hubs with improved interpretation and potential for education programmes events and activities. Development of an events programme / citizen science projects / lets fish / volunteer programme / education activities and curriculum relevant teacher packs / Riverside festival	CRT	Community / Education	£
TG46	Trent water taxi feasibility	Investigate feasibility of water taxi service to link key destinations along the Trent.	CRT	Connections / Recreation	£
TG47	Fish Monitoring Project	Gather baseline data through fish monitoring and consider which of the weir upgrades could have a fish counter built in to the design.	EA	Environment / Wildlife / Ecology	££
TG48	River Trent Schools / Community Art Trail	Public art and an informative walking trail. Getting local schools to work with a artist to create species mosaics or sculptures along the river for people to find.	LA	Community / Education	£
TG51	BAME Environmental Engagement	Targeted education / engagement programme to 'harder to reach' minority groups in the area using River Trent destinations and experiences.	NWT	Community / Education	£
TG52	University project opportunities	Working with Nottingham Trent University and University of Nottingham provide opportunities for students to carry out research or analysis projects that benefit Trent Gateway as part of their courses. Engagement with communities, marketing, media, ecology monitoring, engineering, etc.	EA	Community / Education	£
TG53	Angling participation	Seek opportunities to increase participation in angling on the River Trent through working with partners such as the Angling Trust and local angling clubs.	AT	Connections / Recreation	£
TG55	Angling improvements	Explore options for improved angling access / better facilities. Working with clubs to make improvements and allow greater access for 'have a go' sessions?	AT	Connections / Recreation	£



Medium Term Projects (5-10 years)

Ref	Project	Description	Lead Partner	Theme Group	Cost range
TG03	Cromwell Weir - fish pass	CRT owned weir. Proposed Hydro Electric Power scheme with associated fish pass. Explore options and other added value benefits in surrounding area. develop interpretation around these and education activities	CRT	Environment / Wildlife / Ecology	££££
TG06	Gunthorpe Weir - fish pass	CRT owned weir. Proposed Hydro Electric Power scheme with associated fish pass. Explore options and other added value benefits in surrounding area. Some options for footpath improvements along right bank between weir and Kneeton. CRT to develop interpretation around these and education activities	CRT	Environment / Wildlife / Ecology	££££
TG07	Hazelford North Weir - fish pass	CRT owned weir. Proposed Hydro Electric Power scheme with associated fish pass. Explore options and other added value benefits in surrounding area. develop interpretation around these and education activities	CRT	Environment / Wildlife / Ecology	££££
TG08	Sawley Weir - fish pass	CRT owned weir. Explore fish pass options and other added value benefits in surrounding area. develop interpretation around these and education activities	CRT	Environment / Wildlife / Ecology	££££
TG09	Stoke Bardolph Weir - fish pass	CRT owned weir. Proposed Hydro Electric Power scheme with associated fish pass. Explore options and other added value benefits in surrounding area. develop interpretation around these and education activities	CRT	Environment / Wildlife / Ecology	££££
TG10	Thrumpton Weir - fish pass	Installation of all species fish pass at Thrumpton.	EA	Environment / Wildlife / Ecology	££££
TG25	Water Vole / Otter populations along the River Trent and its tributaries.	Undertake study of areas suitable for the re-introduction and enhancement of existing Water Vole / Otter populations along the River Trent and its tributaries. Implement works for the promotion and enhancement of habitats. But need to include mink control within this project brief as this will be essential before any water vole reintroductions could be considered.	NWT	Environment / Wildlife / Ecology	££
TG26.1	Trent Connections - Colwick to Stoke Bardolph Cycle Track	Extending the riverside path on the top of the flood embankment east of Colwick Park towards Stoke Bardolph.	LA	Connections / Recreation	££



Medium Term Projects (5-10 years)

Ref	Project	Description	Lead Partner	Theme Group	Cost range
TG26.2	Trent Connections - restore historic ferries for pedestrians / cyclists	Explore options for improved access across the River Trent by restoring historic ferry crossings on weekends / bank holidays.	LA	Heritage / History	££
TG26.6	Trent Connections - new footbridge	Ambition to create new bridge across the river. It would span between the south end of Poulton Drive (west of Trent Basin) on the left bank and, on the right bank, from scrubland just north of the Rugby Ground.	LA	Connections / Recreation	££££
TG44	Besthorpe Nature Reserve habitat improvements	Using Trent dredge deposits to provide shallow depth areas within nature reserve - reduced cost of dredging project & more sustainable use of resources.	CRT	Environment / Wildlife / Ecology	££
TG57	Better portage access around weirs	Assess opportunities for portage around weirs on the Lower Trent. Specifically Shardlow weir, Thrumpton weir, Stoke bardolph weir, Gunthorpe weir, Hazelford weirs - both weirs, Averham weir, Nether weir, and Cromwell weir.	CRT	Connections / Recreation	£



Long Term Projects (10-20+ years)

Ref	Project	Description	Lead Partner	Theme Group	Cost range
TG12	Reconnected Floodplains	Enhance the ecological functionality of the river corridor to north and south of the Trent. Investigate opportunities to restore natural floodplains in lowland areas. Assess minor flood defences along the Lower Trent with the view to potential realignment or floodplain reconnection.	EA	Environment / Wildlife / Ecology	£££
TG26.7	Trent Connections - Grantham Canal Trent Link	Aspirational project to restore a link between the Trent and the Grantham Canal.	CRT	Connections / Recreation	££££
TG43	Grantham Canal Lock No.1 - Marina	Restoration of lock gates and potential wharf/marina at the end of the Grantham Canal. Potential links to City Ground redevelopment.	CRT	Heritage / History	£££



