

Future Cornwall

Cornwall Infrastructure Needs Assessment

Cornwall Wide Schedule



Introduction

This schedule contains the infrastructure projects that are not strategic in nature, yet are spread across a wide area, not related to one particular community network area. It also contains the infrastructure projects or needs for which the location is not yet known.

This Cornwall wide schedule complements the strategic and the 19 community network area schedules, which set out respectively the strategic infrastructure projects and the more locally focussed projects and needs for each of the network areas.

Typical records in this schedule are: learning disability day centres, some bus routes, ambulance infrastructure and a long distance walking/cycling trail.

Where more detail becomes available about particular projects in specific places, this will then be transferred to the relevant community network area schedule.

Costs

The schedule identifies costs of the infrastructure projects where they are known. In many cases however the project costs are not known or are subject to change and caution is needed in regarding these costs. The total known costs of projects in the Cornwall Wide CNA schedule are shown below but these come with a health warning as they are only temporary totals.

The total known cost for delivering the infrastructure projects in the area is: £506,892,000.00

Map Ref	Category	Project Name	Project Description	Location	Timescale	Why/Policy	Lead Partner Delivery Partner	Cost	Funding Sources	Funding Gap	Dependencies or Requirements	Status
TRANSPORT (T)												
	Necessary Rail Schemes	Rail Main Line Signalling	Mainline improvements to signalling.	Cornwall Wide	2016-17	To improve signalling on the main line	<u>Network Rail</u> Network Rail	£20,000.00	Cornwall Council Other Funding	Funding needs identifying (anticipated that CC will fund £5,000 and Other £15,000)	Funding package	In Transport 2012-17 funding programme
Committed Projects within Cornwall Wide Area												
NECESSARY												
COMMUNITY FACILITIES (CF)												
	Community Centres	Learning Disability Day Centres	Detail awaited	Cornwall Wide	2012-13	To improve support for adults with learning disabilities	<u>Cornwall Council</u> Cornwall Council	£268,000.00	Cornwall Council	Not applicable	Not applicable	In CC 2012-13 Capital programme
	Community Centres	Learning Disability Hubs Development	Detail awaited	Cornwall Wide	2012-13	To support adults with learning disabilities	<u>Cornwall Council</u> Cornwall Council	£192,000.00	Other Funding	Not applicable	Not applicable	In CC 2012-13 Capital Programme
EMERGENCY SERVICES (ES)												
	Fire & Rescue Service	Fire Service: Lifeline Units & Equipment	Replacements	Cornwall Wide	2012-14	Improvements to emergency service	<u>Cornwall Council</u> Cornwall Council - Cornwall Fire & Rescue Service	Cost unknown	Cornwall Council			In CC 2012-13 Capital Programme
	Fire & Rescue Service	Fire Service: Vehicle & Plant	Replacements	Cornwall Wide	2012-15	Improvements to emergency service	<u>Cornwall Council</u> Cornwall Council - Cornwall Fire & Rescue Service	Cost unknown	Cornwall Council			In CC 2012-13 Capital Programme
GREEN & BLUE SPACES (G&B)												
	Walking & Cycle Facilities	South West Coast Path	Detail awaited	Cornwall Wide	2012-14	To improve access to walking and cycling	<u>Cornwall Council</u> Cornwall Council - Environment Service/Natural Environment	Cost unknown	Cornwall Council	Funding needs identifying	Funding package	In CC 2012-13 Capital Programme
HEALTH (H)												
	Health Centres	Boswin Drug & Detox Centre	Detail awaited	Cornwall Wide	2012-13		<u>Cornwall Council</u>	Cost unknown	Cornwall Council			In CC 2012-13 Capital Programme
HISTORIC ENVIRONMENT (HE)												
233	Historic Environment	Discovering the Extraordinary WH Project	Promotion of the World Heritage Sites	Cornwall Wide	2010-13	Protection of the historic environment	<u>Cornwall Council</u> Cornwall Council - Historic Environment	Cost unknown	Public Funding	Not applicable	Funding package	Being delivered - due to complete April 2013

Map Ref	Category	Project Name	Project Description	Location	Timescale	Why/Policy	Lead Partner Delivery Partner	Cost	Funding Sources	Funding Gap	Dependencies or Requirements	Status
JOBS (J)												
	Employment	County Farms	Detail awaited	Cornwall Wide	12/13	Enhance local employment opportunities	<u>Cornwall Council</u>	Cost unknown	Cornwall Council			In CC 2012-13 Capital Programme
UTILITIES & ENERGY (U&E)												
	Renewable Energy/Low Carbon Energy	Park Homes Energy Project: Retrofit	Project aimed at retrofitting park homes throughout Cornwall	Cornwall Wide	2012-14	Green Cornwall	<u>Cornwall Council</u>	£500,000.00	Cornwall Council	Through prudential borrowing	Not applicable	Programmed for Delivery - in CC 2012-13 Capital programme
394	Waste Water	Siblyback & Roadford Reservoirs	Provide improvements to sewage disposal systems supporting the increased popularity at our recreation and amenity sites at Roadford and Siblyback Lakes	Cornwall Wide	2012-14	To support leisure activity on local reservoirs	<u>South West Water</u>	£1,900,000.00	South West Water	Not applicable?	Not applicable?	In SWW Business Plan - Siblyback scheme completed, Roadford due for completion by early 2014
							Public Sector					
DESIRABLE												
TRANSPORT (T)												
237	Electric Vehicles	Electric Vehicle Demonstration project	To demonstrate the practicality of using electric vehicles in Cornwall. A bid was made to central government for funds to progress the project but this was unsuccessful.	Cornwall Wide	11/12-12/13	To test the appropriateness of electric vehicle use in Cornwall	<u>Cornwall Council</u>	£600,000.00	Public Funding	Not applicable	Funding package	Bid to central government unsuccessful
							Connecting Cornwall					
							Private Sector					
							Public Sector					
Required Projects within Cornwall Wide Area												
NECESSARY												
EMERGENCY SERVICES (ES)												
248	Ambulance Service	Ambulance Service	Improvements needed to meet the needs of future population.	Cornwall Wide	No timeframe identified	To meet local needs	<u>South West Ambulance Service Trust (SWAST)</u>	Cost unknown	South West Ambulance Service Trust	Funding needs identifying	Funding package	SWAST requirement - early stages of assessment
							South West Ambulance Service Trust (SWAST)					
	Police Service	Strategic Police Hub: SE Cornwall	New strategic hub to service SE Cornwall	Cornwall Wide	by 2015	New facility to serve the wider SE Cornwall area	<u>Devon & Cornwall Police Authority</u>	Cost unknown	Devon & Cornwall Police Authority S106/CIL	Funding needs identifying (anticipated that S106 or CIL will help fund)	Site identification, land acquisition, planning permission, funding package	Business case being prepared
							Devon & Cornwall Police Authority					
FLOODING (F)												
	Flood Prevention & Mitigation	Cornwall Dune Management Plans	Beach management plans	Cornwall Wide	No timeframe identified	To reduce the risk of flooding	<u>Cornwall Council</u>	£90,000.00	Public Funding	Additional funding needs identifying - FDGiA bid for £80,000	Funding package	Cornwall Medium Term Plan 2012 Submission

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							Cornwall Council					
HEALTH (H)												
	Public Health & Prevention	Improving the Care Home Environment	Detail awaited	Cornwall Wide	2012-13	To improve local care facilities	<u>Cornwall Council</u>	£1,000,000.00	Cornwall Council	Not applicable	Not applicable	In CC 2012-13 Capital Programme
							Private Sector Public Sector					
	Health Centres	Mental Health Developments	Detail awaited	Cornwall Wide	2012-13	To improve mental health facilities	<u>Cornwall Council</u>	£385,000.00	Cornwall Council	Not applicable	Not applicable	In CC 2012-13 Capital Programme
							Cornwall Council					
JOBS (J)												
236	Employment	Cornwall Culture Programme	By supporting the Culture Programme through this capital investment process we can deliver the following impacts; an international reputation for excellence in creativity and culture; more people enjoying cultural activity across Cornwall; a successful and sustainable cultural infrastructure; a higher value creative economy, with a skilled workforce and clear pathways to employment for young people, including: - an increase in 1,200 jobs in the creative economy within 5 years (12,400 to 13,600); 100 new apprenticeships in the creative sector; 1,000 more students studying creative courses in Cornwall, with 20% coming from overseas; a 15% increase in turnover for the sector over 5 years (from £500m to £575m)	Cornwall Wide	2012-	Enhance local employment opportunities in the cultural sector	<u>Cornwall Council</u>	£13,000,000.00	Cornwall Council Other Funding		Funding identified	Programmed for delivery. In CC 2012-13 Capital programme
							Private Sector Public Sector					
TRANSPORT (T)												
	Bus Schemes	Bus Real Time Passenger Information Infrastructure, Cornwall	On bus RTPI equipment and bus stop RTPI infrastructure	Cornwall Wide	2013-30	To improve access to sustainable transport	<u>Cornwall Council</u>	£4,250,000.00	CIL	Funding needs identifying (anticipated that Strategic CIL will fund)	Funding package	In Transport 2012-17 funding programme (£1,000,000) and in 2012-30 funding programme (additional £3,250,000)
							Connecting Cornwall					
	Bus Schemes	Strategic Bus Services: New Services and Frequency Improvements	Penzance to Camborne (60 minute to 30 minute), Penzance to Truro (60 minute to 20 minute), Penzance to Helston (60 minute to 30 minute),	Cornwall Wide	No timeframe identified	Improve access to sustainable transport	<u>Cornwall Council</u>	£14,844,000.00	S106/CIL	Funding needs identifying (anticipated that majority will be funded through strategic CIL)	Funding package	In Transport 2012-30 funding programme

Map Ref	Category	Project Name	Project Description	Location	Timescale	Why/Policy	Lead Partner Delivery Partner	Cost	Funding Sources	Funding Gap	Dependencies or Requirements	Status
			<p>Penzance to St Ives (30 minute to 20 minute), Trron to Falmouth (30 minute to 15 minute), Falmouth to Truro assuming cost neutral (30 minute to 15 minute), Falmouth to Helston (120/60 minute to 60 minute), Truro-Mylor-Falmouth (120/60 minute to 60 minute), Truro to Newquay direct (half hourly), St Austell-St Stephen-Newquay (half hourly), St Austell-St Dennis-Newquay (half hourly), Liskeard-Saltash-Plymouth (half hourly), Launceston-Plymouth (half hourly), Liskeard to Plymouth (half hourly), Liskeard-Bodmin-St Columb (half hourly), Liskeard-Launceston (hourly), Liskeard-Pensilva-Callington (half hourly), St Austell-Liskeard (hourly), 41 Falmuth-CPR (2 to 3 an hour), 40/43 Camborne-Truro (2 to 4 an hour), 40 camborne-Truro (0.5 to 1 an hour), 527 Newquay to Eden via St Austell (1 to 2 an hour), 521 Newquay to St Austell (1 to 2 an hour), 522 Truro to St Austell (1 to 2 an hour), 529 Bodmin to St Austell (1 to 2 or 3 an hour), 27 RCH Treliske to Par via St Austell (1 to 2 an hour), 524/525 St Austell to Fowey (2 to 3 an hour), New St Austell to Liskeard, 593 Bodmin-Liskeard-St Columb, personalised travel planning in Torpoint and Saltash to extend tamar Bridge capacity.</p>				<p>Cornwall Council Private Sector</p>			contributions)		
UTILITIES & ENERGY (U&E)												
	Renewable Energy/Low Carbon Energy	Carbon Management Plan (Green Cornwall)	Detail awaited	Cornwall Wide	2012-13	To improve energy efficiency	<p><u>Cornwall Council</u> Cornwall Council</p>	£1,894,000.00	Cornwall Council	Not applicable	Not applicable	In CC Capital programme
	Renewable Energy/Low Carbon Energy	Community Infrastructure Project (Green Cornwall)	Community energy and demand reduction programmes could dwarf Council programmes and help us meet targets.	Cornwall Wide	2012-20	To improve access to renewable energy	<p><u>Cornwall Council</u> Cornwall Council Public Sector</p>	Cost unknown	Private Funding Public Funding	Funding needs identifying	Funding package	Being scoped in partnership with community groups.

Map Ref	Category	Project Name	Project Description	Location	Timescale	Why/Policy	Lead Partner Delivery Partner	Cost	Funding Sources	Funding Gap	Dependencies or Requirements	Status
	Renewable Energy/Low Carbon Energy	Council Renewable Energy Programme (Green Cornwall)	Detail awaited	Cornwall Wide	2012-20	Council to implement large scale renewable energy programme on its land	<u>Cornwall Council</u> Cornwall Council	£16,000,000.00	Cornwall Council	Not applicable	Planning permission	In Green Cornwall funding programme. Being scoped and cabinet paper due
	Electric Vehicles	Electric Vehicle Infrastructure (Green Cornwall)	Install electric vehicle rapid charger infrastructure with private sector investment throughout Cornwall	Cornwall Wide	2012-15	To demonstrate viability of electric vehicles	<u>Cornwall Council</u> Cornwall Council Private Sector	£250,000.00	Private Funding Public Funding	Not applicable	Funding package	Being scoped in partnership with private sector
	Renewable Energy/Low Carbon Energy	Fuel Switch Programme (Green Cornwall)	Connect 16,500 off gas homes to the mains gas network	Cornwall Wide	2012-20	To improve access to low cost fuel	<u>Cornwall Council</u> Private Sector	£68,000,000.00	Other Funding	Additional funding needs identifying	Funding package	Being scoped in partnership with private sector
	Renewable Energy/Low Carbon Energy	Green Deal (Green Cornwall)	Insulate 15,000 homes and fit renewable energy where possible.	Cornwall Wide	2013-20	To improve energy efficiency	<u>Cornwall Council</u> Private Sector Public Sector	£110,000,000.00	Other Funding	Additional funding needs identifying	Funding package	Being scoped in partnership with private sector through the strategic partnershi
	Renewable Energy/Low Carbon Energy	Revolving Loan Fund (Green Cornwall)	Pump prime community based renewable energy projects.	Cornwall Wide	2012-20	To improve access to renewable energy	<u>Cornwall Council</u> Cornwall Council Private Sector	£1,000,000.00	Other Funding	Not applicable	Funding package	Being scoped in partnership with third sector agencies.
	Transmission & Distribution for Electricity	Smart Grids (Green Cornwall)	Pilot smart grids in Cornwall, with associated social, economic and environmental gain	Cornwall Wide	2012-20	To improve access to renewable energy/smart electricy	<u>Cornwall Council</u> Cornwall Council Private Sector Public Sector Western Power Distribution	Cost unknown	Private Funding Public Funding	Funding needs identifying	Funding package	Being scoped in partnership with private sector and other key organisations.
	Waste Water Water Supply	Upgrading, new sources, new treatment works	Mid and North Devon and North Cornwall: upgrade key works and optimise production at others; investigate new river sources and transfers; reinforce North Roadford supply from Pynes; new strategic main from Northcombe to Jacobstow; duplicate link from Northcombe to North Devon across the River Taw; Tamar catchment management.	Cornwall Wide	2009-35	Water management	<u>South West Water</u>	Cost unknown	Private Funding Public Funding South West Water	Not applicable?	Funding package	Being considered

Map Ref	Category	Project Name	Project Description	Location	Timescale	Why/Policy	Lead Partner Delivery Partner	Cost	Funding Sources	Funding Gap	Dependencies or Requirements	Status
769	Waste Water Water Supply	Upgrading, new sources, new treatment works	Mid Cornwall: investigate new strategic works; increase and rationalise treated water storage; catchment management; new strategic main linking St Cleer and Restormel supply areas; new strategic main from Jacobstow to Davidstow	Cornwall Wide	2009-35	Water management	<u>South West Water</u>	Cost unknown				
	Waste Water	Upgrading, new sources, new treatment works	West Cornwall: new transfers of raw water to focus treatment at enlarged Stithians works; mains and treated water storage enhancements; new strategic main from Stithians to Wendron; new spine main links to support West Cornwall; catchment management.	Cornwall Wide	2009-37	To ensure access to clean water and waste water treatment	<u>South West Water</u> South West Water	Cost unknown	Private Funding Public Funding South West Water	Funding needs identifying	Funding package	Under consideration

DESIRABLE

GREEN & BLUE SPACES (G&B)

10	Moorland	Bodmin Moor Mires & Headwaters	The aim of this project is to provide a landscape scale approach which will help to connect all the previous projects and conservation efforts within the Bodmin Moor Landscape Character Area. South West Water is introducing a new scheme aimed at 'rewetting' Bodmin Moor to protect water resources for Cornwall.	Cornwall Wide	No timeframe identified	To collate existing work and provide a framework for future work	<u>Natural England</u> AONB Cornwall Wildlife Trust RSPB South West Water	Cost unknown	Cornwall Council Public Funding South West Water	Funding needs identifying	Funding package	Unknown
17	Walking & Cycle Facilities	South Cornwall Trail - Bodmin to Torpoint	Extension to the National Cycle Route from Plymouth to Bodmin covering SE Cornwall and the Rame Peninsula.	Cornwall Wide	No timeframe identified	A leisure link with potential for commuters in key sections (Connecting Cornwall).	<u>Connecting Cornwall</u>	£2,500,000.00	Cornwall Council Other Funding	Funding needs identifying	Aspirational project. Planning permission, funding packages, etc.	Connecting Cornwall aspiration

HISTORIC ENVIRONMENT (HE)

239	Historic Environment	Conservation Area Appraisal	Appraisal of any historic environments	Cornwall Wide	No timeframe identified	Protection of the historic environment	<u>Cornwall Council</u> Cornwall Council - Historic Environment	Cost unknown	Public Funding	Funding needs identifying	Funding package	Historic Environment aspiration
235	Historic Environment	Conservation Area Designations	Designation of important historic environments following appraisal	Cornwall Wide	No timeframe identified	Protection of the historic environment	<u>Cornwall Council</u>	Cost unknown	Public Funding	Funding needs identifying	Funding package	Historic Environment aspiration

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							Cornwall Council - Historic Environment					
234	Historic Environment	Cornish Character Project	Detail awaited	Cornwall Wide	No timeframe identified	Protection of the historic environment	<u>Cornwall Council</u>	Cost unknown	Public Funding	Funding needs identifying	Funding package	Historic Environment aspiration
							Cornwall Council - Historic Environment					
247	Historic Environment	Higher Level Stewardship Schemes	Camborne Pool & Redruth, Caradon, Falmouth & Penryn, Hayle & St Ives, Helston & the Lizard, Liskeard & Looe, Newquay & St Columb, St Agnes & Perranporth, St Austell, St Blazey Fowey & Lostwithiel, Truro & the Roseland	Cornwall Wide	No timeframe identified	Protection of the historic environment	<u>Cornwall Council</u>	Cost unknown	Public Funding	Funding needs identifying	Funding package	Historic Environment aspiration
							Cornwall Council - Historic Environment					
245	Historic Environment	Highway Heritage Assets	Detail awaited	Cornwall Wide	No timeframe identified	Protection of the historic environment	<u>Cornwall Council</u>	Cost unknown	Public Funding	Funding needs identifying	Funding package	Historic Environment aspiration
							Cornwall Council - Historic Environment					
244	Historic Environment	Historic Landscape Characterisation Revision	Cornwall wide - all community network areas	Cornwall Wide	No timeframe identified	Protection of the historic environment	<u>Cornwall Council</u>	Cost unknown	Public Funding	Funding needs identifying	Funding package	Historic Environment aspiration
							Cornwall Council - Historic Environment					
246	Historic Environment	History and Survival of Quarries	And quarrying in areas - Bodmin, Falmouth & Penryn, Hayle & St Ives (Red River valley, the Towans), Helston & the Lizard, West penwith	Cornwall Wide	No timeframe identified	Protection of the historic environment	<u>Cornwall Council</u>	Cost unknown	Public Funding	Funding needs identifying	Funding package	Historic Environment aspiration
							Cornwall Council - Historic Environment					
242	Historic Environment	Ports & Harbours Project	Detail awaited	Cornwall Wide	No timeframe identified	Protection of the historic environment	<u>Cornwall Council</u>	Cost unknown	Public Funding	Funding needs identifying	Funding package	Historic Environment aspirations
							Cornwall Council - Historic Environment					
JOBS (J)												
1	Employment	Bodmin/Camel Trail Bid	Business Improvement District proposal for Bodmin, Wadebridge and Padstow or for a combined Camel Trail BID.	Cornwall Wide	No timeframe identified	Local aspiration	<u>Cornwall Council</u>	Cost unknown	Private Funding Public Funding	Funding needs identifying	Funding package, BID approval	Aspirational scheme
							Private Sector					
238	Economic Development Employment	Work Hubs	Creation of work hubs in Cornwall. The Project will provide a network of small business units enabling development of business and reduction in	Cornwall Wide	No timeframe identified	Will enhance innovation and business support infrastructure	<u>Cornwall Council</u>	Cost unknown	Cornwall Council	Funding needs identifying	Planning permission, funding etc.	Aspirational project

Map Ref	Category	Project Name	Project Description	Location	Timescale	Why/Policy	Lead Partner Delivery Partner	Cost	Funding Sources	Funding Gap	Dependencies or Requirements	Status
			commuting. Work Hubs are an integral part of the enhancements to the innovation and business support infrastructure									

TRANSPORT (T)

Road Schemes	A30 Road Improvements	The A30 is one of the two roads in Cornwall that are part of the Strategic Road Network. The A30 is the main route within Cornwall and gives easy access beyond Cornwall's boundary onto the M5 at Exeter. This road runs from Launceston in the East to Penzance and beyond in the West. Several sections are already dualled. Much of the congestion experienced at peak times in the day and during the main holiday season are on the single carriageway sections.	Cornwall Wide	No timeframe identified		<u>Highways Agency</u>	Cost unknown					
						Cornwall Council						

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