

# THE LAGAN NAVIGATION

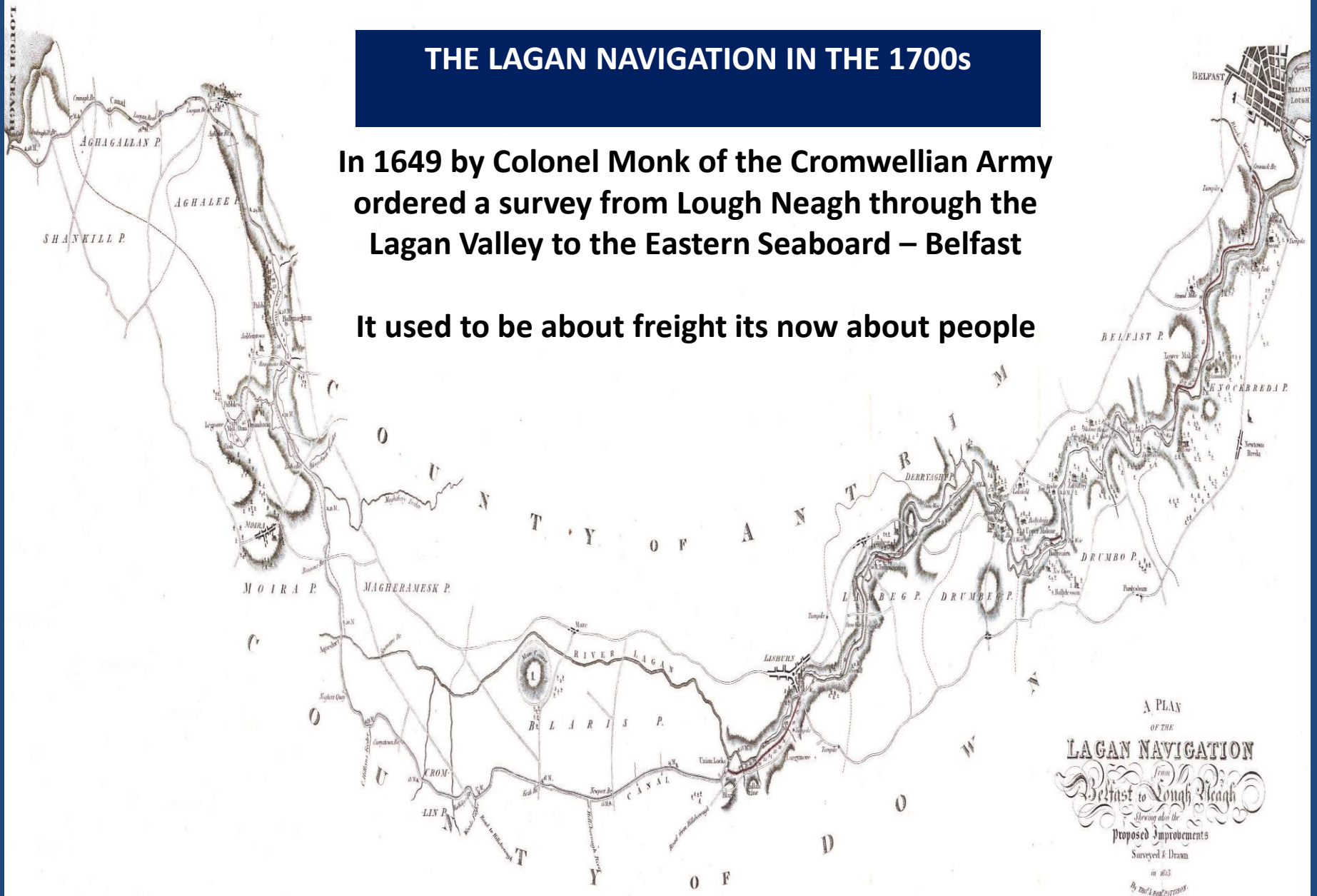
## PROGRESS ON THE PROPOSAL BY THE LAGAN CANAL TRUST TO RE OPEN THE NAVIGATION TO LOUGH NEAGH

As a scheduled monument within the PPS 6 framework -“Planning, Archaeology and the Built Heritage”, the canalised sections of the River Lagan and Navigation are afforded protection as an archaeological monument of Regional importance.

## THE LAGAN NAVIGATION IN THE 1700s

In 1649 by Colonel Monk of the Cromwellian Army ordered a survey from Lough Neagh through the Lagan Valley to the Eastern Seaboard – Belfast

It used to be about freight its now about people



Navigation Social Landscape Culture Communities Jobs Water Health Social Maintenance Landscape Training Economy  
Rural Regeneration Heritage impact Health  
Training Tourism Environment Education Landscape impact  
Landscape Navigation Economy Maintenance River Landscape  
Maintenance Rural Health Lagan Navigation Training impact River Lagan impact Tourism Water Culture  
Regeneration Economy Education Water Culture Heritage  
Culture Rural Social Jobs Urban River Jobs Jobs Rural Jobs Jobs Rural Jobs Jobs Rural Jobs Jobs Rural  
impact Communities Regeneration Water Lagan River Health Training Economy  
Lagan Urban Training Navigation impact impact Regeneration Water Lagan River Health Training Economy  
River Environment Social Tourism River Maintenance Rural Education Landscape Heritage  
River Environment Social Tourism River Maintenance Rural Education Landscape Heritage  
River Regeneration Water Environment Heritage Culture Jobs Heritage Lagan River Water Culture Heritage  
Economy Heritage Education Regeneration River Regeneration Regeneration Urban Environment Regeneration  
Culture Education Environment Urban River Regeneration Regeneration Urban Environment Regeneration  
Communities Environment Communities Tourism Navigation Social Tourism Rural

# THE LAGAN CANAL TRUST AND THE NAVIGATION

**CORE FUNDED BY THE 3 COUNCILS ALONG THE ROUTE Belfast, Lisburn & Castlereagh, Craigavon with DCAL AND NIEA**

## THE LAGAN CANAL TRUSTS OBJECTIVES

- Ensure that all our work is informed by and fits with the Programme for Government and addresses the objectives of our Departmental, current and potential partners and stakeholders;
- Ensure that the Trust is resourced to deliver a complex programme of work;
- Develop an important historic and cultural asset which is recognised locally, regionally and nationally as having the potential to make a significant contribution to Northern Ireland's economy;
- Contribute to addressing poverty, social exclusion and climate change adaptation.







## THE LAGAN NAVIGATION IN BELFAST



# THE NAVIGATION AND THE BIGGER PICTURE IN NORTHERN IRELAND – THE STARTING POINT OF WORK WITH OUR PARTNERS

## BELFAST HARBOUR COMMISSIONERS

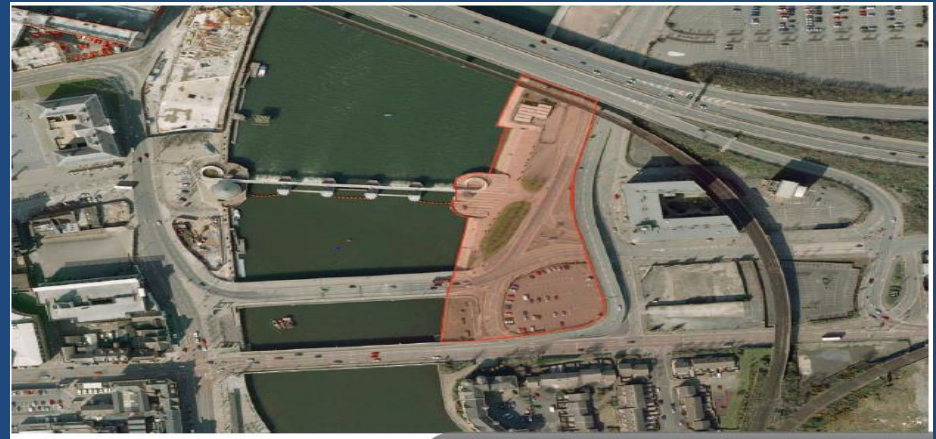
- In 2014 a record 23M tons of freight ;
- 112k cruise passengers ;
- over 1.3 million ferry passengers;
- 31% of Northern Ireland's tourism revenue is supported by visitors arriving by ferry to the port
- Proposed c£7m investment in Ireland's first purpose built cruise liner facility

## CITY QUAYS DEVELOPMENT

- A c£250M investment over a long term plan
- Addressing economic and environmental issues impacting on the area;
- To increase active use of the river, creating destination places that will attract people across the river
- The Trust is advocating construction of a sea lock within this project



**Approval now received by BCC  
to begin the c£4M Lagan  
Gateway project at Stranmillis**



## THE LAGAN NAVIGATION IN LISBURN







# CONNECTIVITY

## ARMAGH CITY, BANBRIDGE AND CRAIGAVON BOROUGH COUNCIL

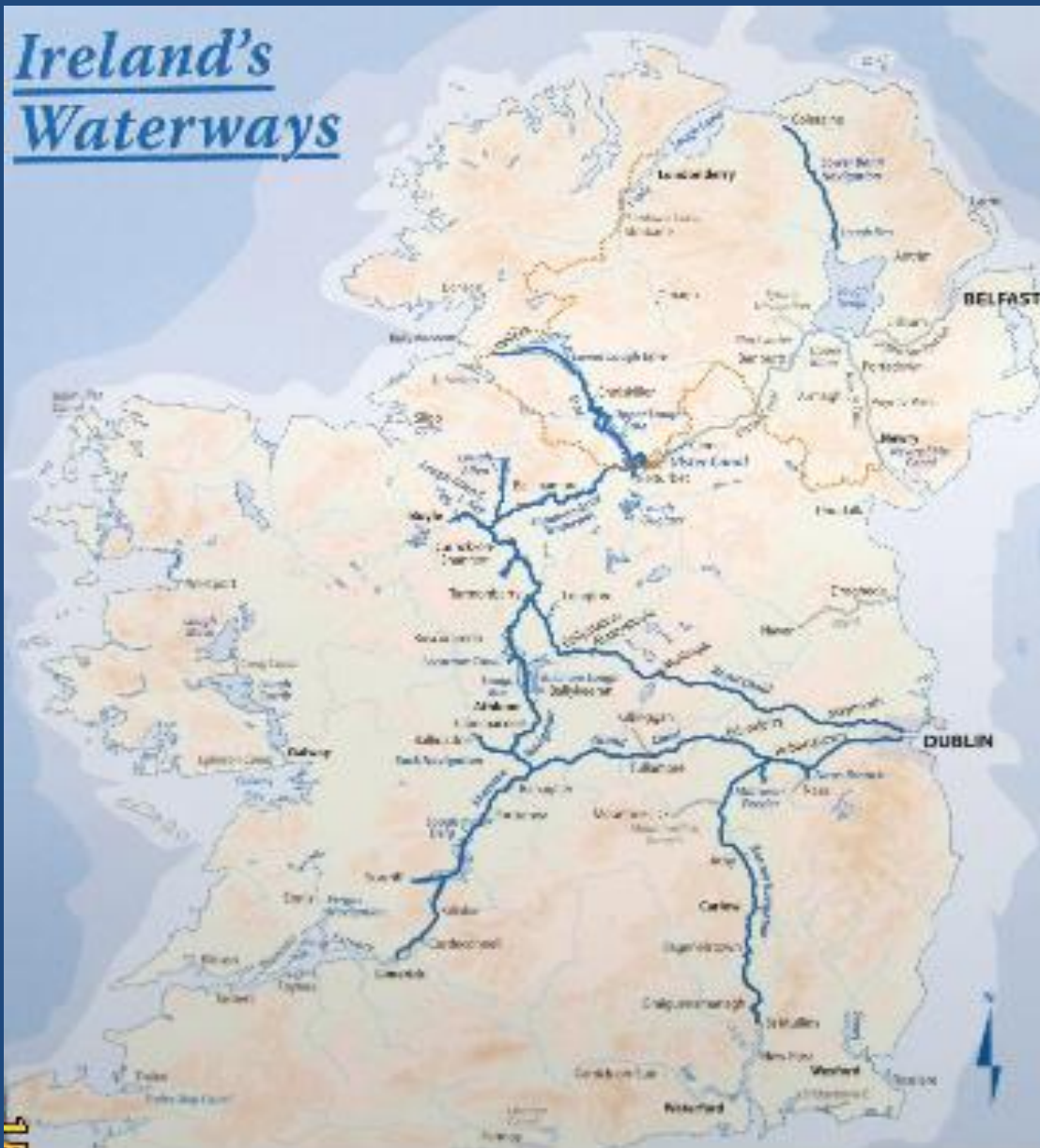


From Aghalee to Lough Neagh, ABC Council is a strategic partner of the Trust with the potential to connect the Ulster Canal through Lough Neagh to Letterkenny. The Council supports the Trust with specialist advice on conservation and rural issues.

- The largest number of ASSI and other important environmental classifications on the Navigation are within its boundary.
- Two of the first three locks on the waterway to have recognition as 'Structures at Risk' are in Aghagallon.
- Work has begun to look at viability of linking the three locks to the village to increase both the rural visitor attractions and wider use of villages facilities. This will form refurbishment of the locks and new footpaths.



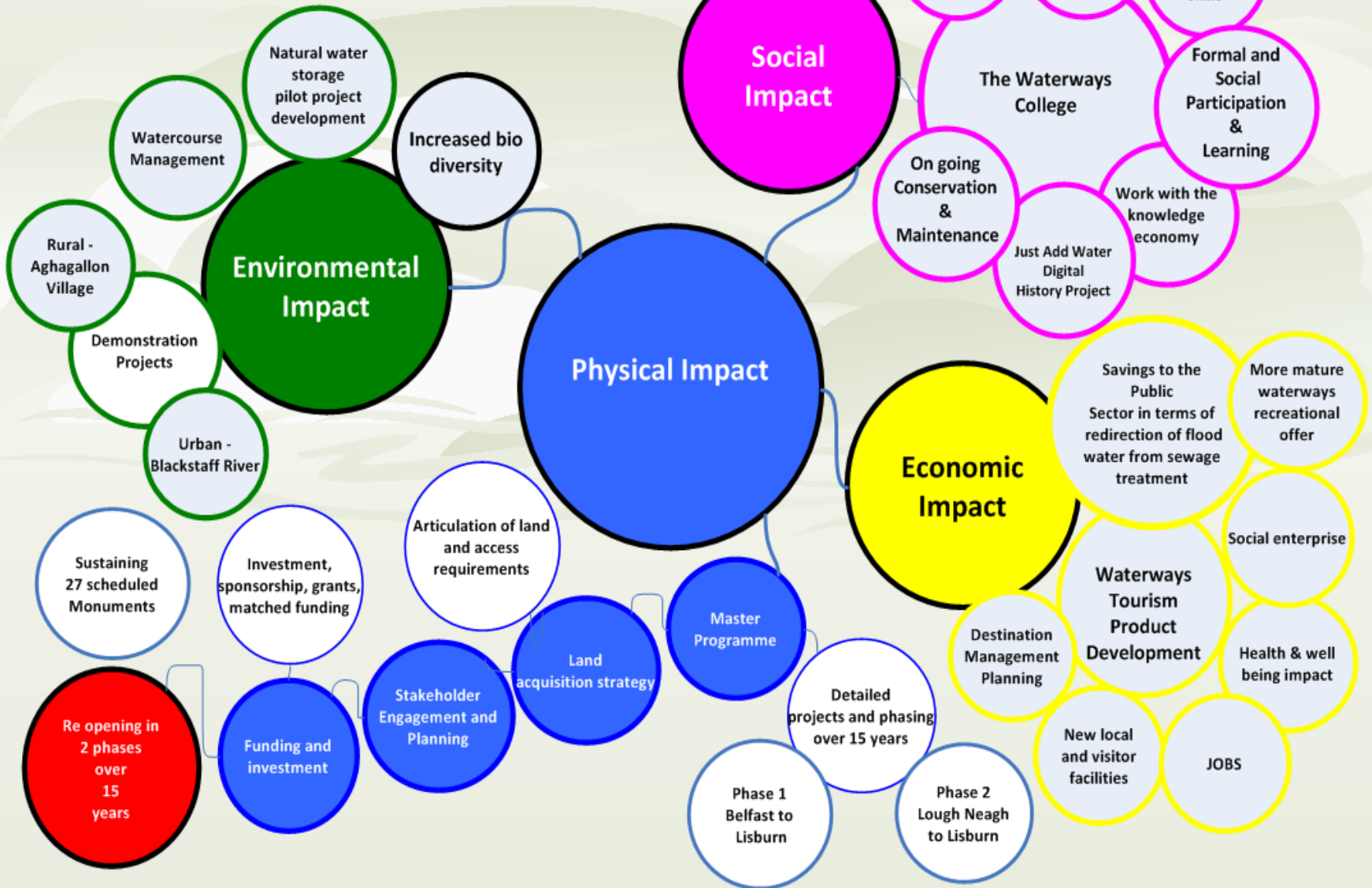
## POTENTIAL CONNECTIVITY OF INLAND WATERWAYS OF IRELAND



With the potential to connect 600 miles of inland waterways the Lagan Navigation has a huge role to play in connectivity, alternative transport routes and economic diversity through the development of a waterways tourism offer.

Connection to Lough Neagh coupled with the Ulster Canals proposal to re open from the South of the Island will make it possible to travel from Belfast to Limerick through blue and greenways currently unexplored.

# Lagan Navigation Re opening The Four Strategic Pillars





# RE OPENING PROPOSED PHYSICAL OUTPUTS AND OPPORTUNITIES

## TEACHING AND LEARNING OPPORTUNITIES

- Length of new tow path created - 9 kilometres
- New roads/pedestrian access paths/roads - 700m new road, 500m of pedestrian paths
- New locks - 7
- Existing locks to be refurbished – 18
- New Road Bridges – 8, New footbridges – 30 Additional soft landscaping hectares - 6 hectares. Approximately 10m<sup>2</sup> per m length of Navigation
- Length of river enhancement - 5 kilometres
- New weirs in - 4, Corbie Wood, Drum Bridge, Young's Bridge, Down Royal
- Old weirs out - Possibly 5nr - Edenderry, New Grove, Seymour Hill,, Lambeg, and Hilden
- Refurbished weirs - 2 - Shaw's Bridge, Becky Hogg's Weir
- Dredging to improve flows/channel and manage water quality throughout the Navigation

## SOCIAL ENTERPRISE OPPORTUNITIES

- New businesses, jobs
- New car parks – 7
- New mooring 160 total- Stranmillis, Canal Basin, Maze, Down Royal, Broadwater , Aghalee and Ellis' Gut, Lough Neagh
- New slipways - 4 , Stranmillis, Maze Long Kesh, Broadwater, Ellis Gut
- New fully serviced marinas – 5, Stranmillis, Canal Basin, Maze Long Kesh, Broadwater, Ellis' Gut
- Dry dock - Lisburn Canal Basin

# THE TRUSTS APPROACH TO RESTORING AND BRINGING INTO USE OUR INDUSTRIAL HERITAGE

26 of the 27 locks on the Navigation are now derelict, lock number 12 at Lagan Valley Island Centre is the exception, all are Scheduled Monuments affording Regional protection.

The Trusts simple approach, which has met with approval of NIEA and the asset owners is to;

- Clear vegetation and inappropriate planting impacting on the structure of the lock;
- Carry out a structural and photographic survey and report on work planning and cost to stabilise the structure;
- Establish a maintenance regime informed by a Conservation Action Plan;
- The Trust has no project funding so seeks grant support to arrest deterioration leading to loss of our heritage;
- Achieve the goal of Re opening the Navigation throughout its 27 miles

**URS**

Becky Hoggs  
Lock

Condition Report

March 2014

47070112

Prepared for:  
Lagan Canal Trust



UNITED  
KINGDOM &  
IRELAND



**URS**

Union Locks

Appendix D:  
Ecological Survey

Prepared for:  
Lagan Canal Trust

UK & IRELAND





## Union Locks Case Study March 2013

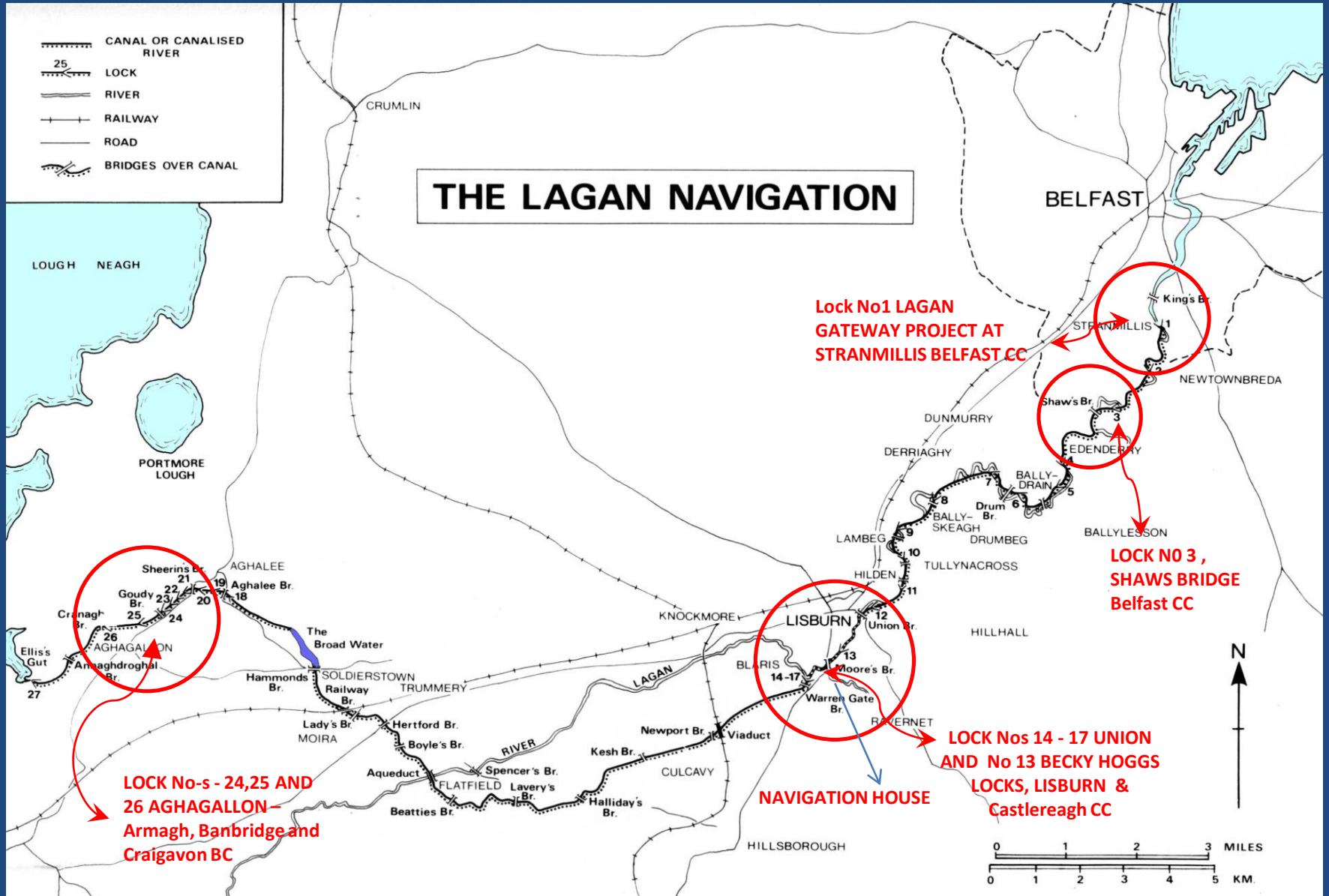




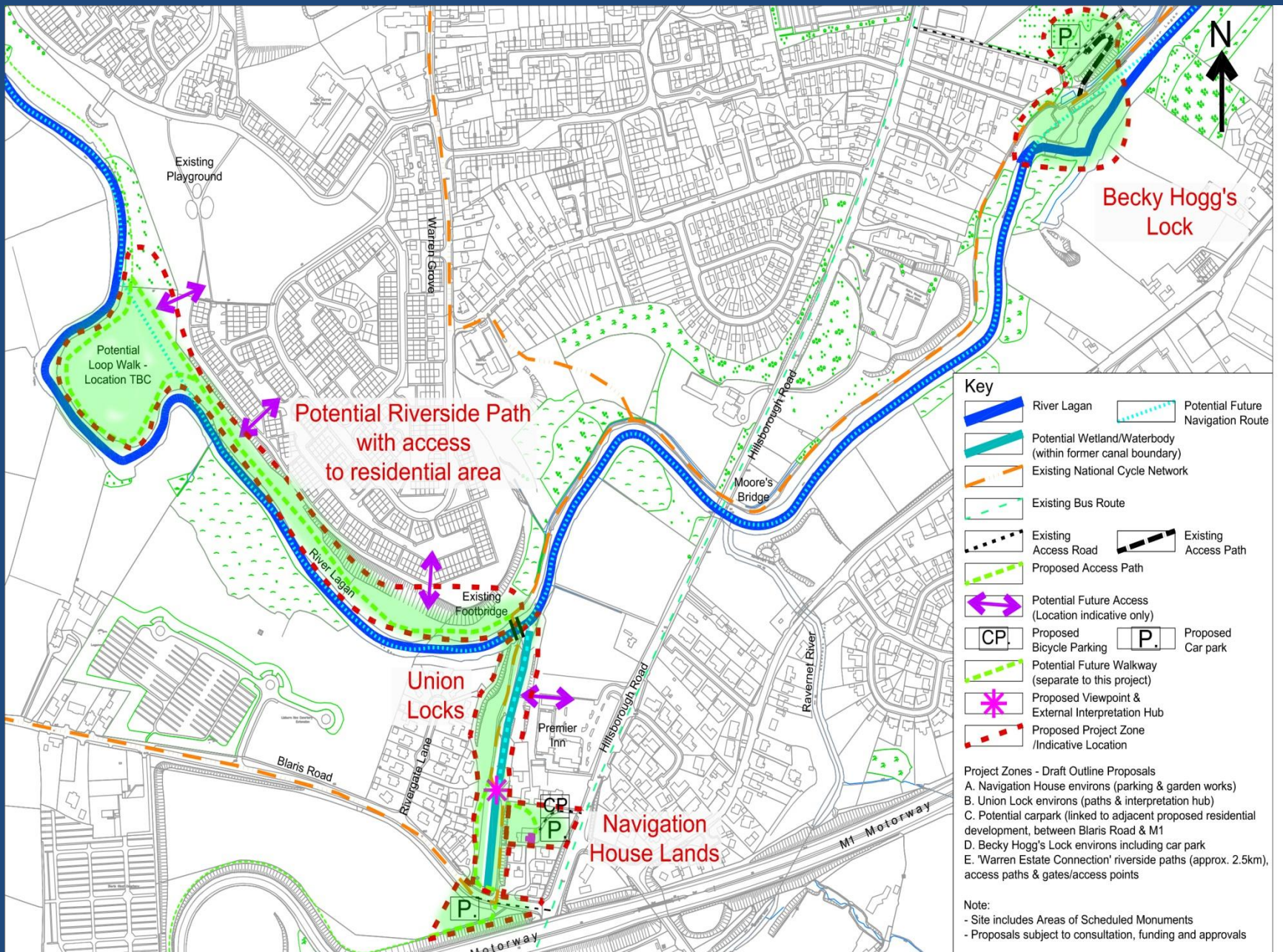
## Union Locks 3 months later - June 2013



# CURRENT PROJECT ACTIVITY ON THE NAVIGATION







# INVESTMENT STRATEGY FOR NI 2011 – 2021

## Building a better future

..... Importantly, we will continue to invest in flood risk management infrastructure so that people and property in vulnerable areas are less at risk during extreme weather.

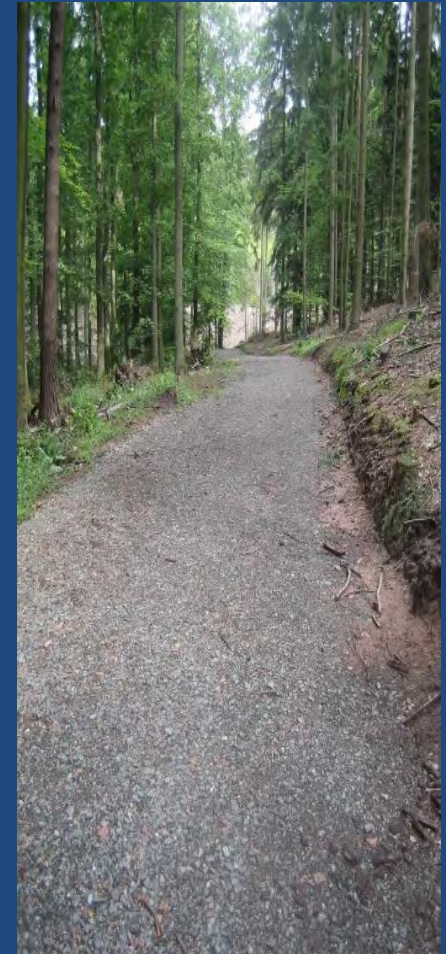
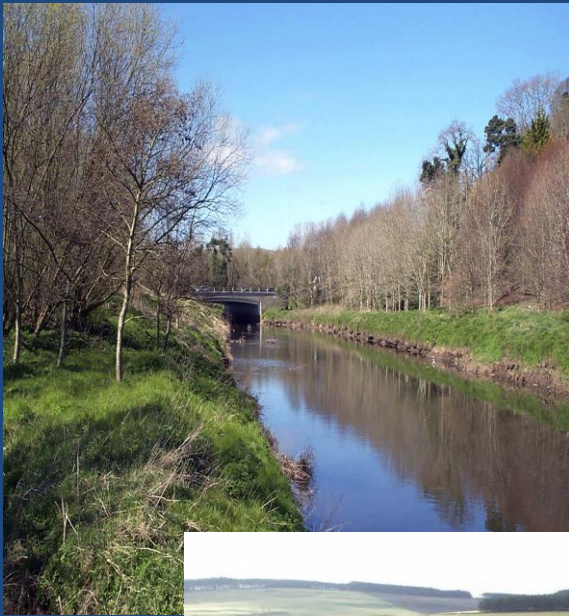
### PROGRESS ON £1.8M EU SUBMISSION FOR LIFE FUNDING

LIFE is the only EC's financial instrument supporting environment and nature conservation projects throughout the EU. It is aimed purely at improving the environment and is complementary to the other Community research programmes (such as Horizon 2020), the structural funds (such as ERDF) and other rural development programmes.

LIFE Programme €3,456.7M (2014-2020)					
Sub-programme for Environment			Sub-programme for Climate Action		
€2,592.5/75%			€864.2/25%		
Nature & Biodiversity	Environment & Resource Efficiency	Environmental Governance & Information	Climate Change Mitigation	Climate Change Adaptation	Climate Governance & Information



# CLIMATE CHANGE ADAPTATION IN THE LAGAN VALLEY WHERE IT IMPACTS ON HUMAN, ENVIRONMENTAL AND ECONOMIC SUSTAINABILITY





# THE WATERWAYS COLLEGE PROJECT

A sustainable response to the need to develop skills, jobs, volunteering, educational and community outreach through heritage, environmental and cultural learning opportunities

The Waterways College (TWC) concept is to recognise and increase knowledge of and maintain the role waterways have played in our industrial, social and cultural heritage. It will, for the first time in 300 years, give communities a say and the opportunity to be part of the future of waterways in Ireland.

TWC will promote this unique opportunity in all aspects of community planning - social, physical, economic and environmental regeneration.



## **TWC – PROOF OF CONCEPT 2 YEAR PILOT**

Aligned to the on going work of the Trust initially, TWC has an important role in maintenance of assets. Programmes and project based learning will be delivered in two strands both aligned to the STEM agenda – we also have Arts which makes it STEAM;

### **STRAND 1. DELIVERY OF FORMAL TEACHING, LEARNING AND ACCREDITATION PLATFORMS.**

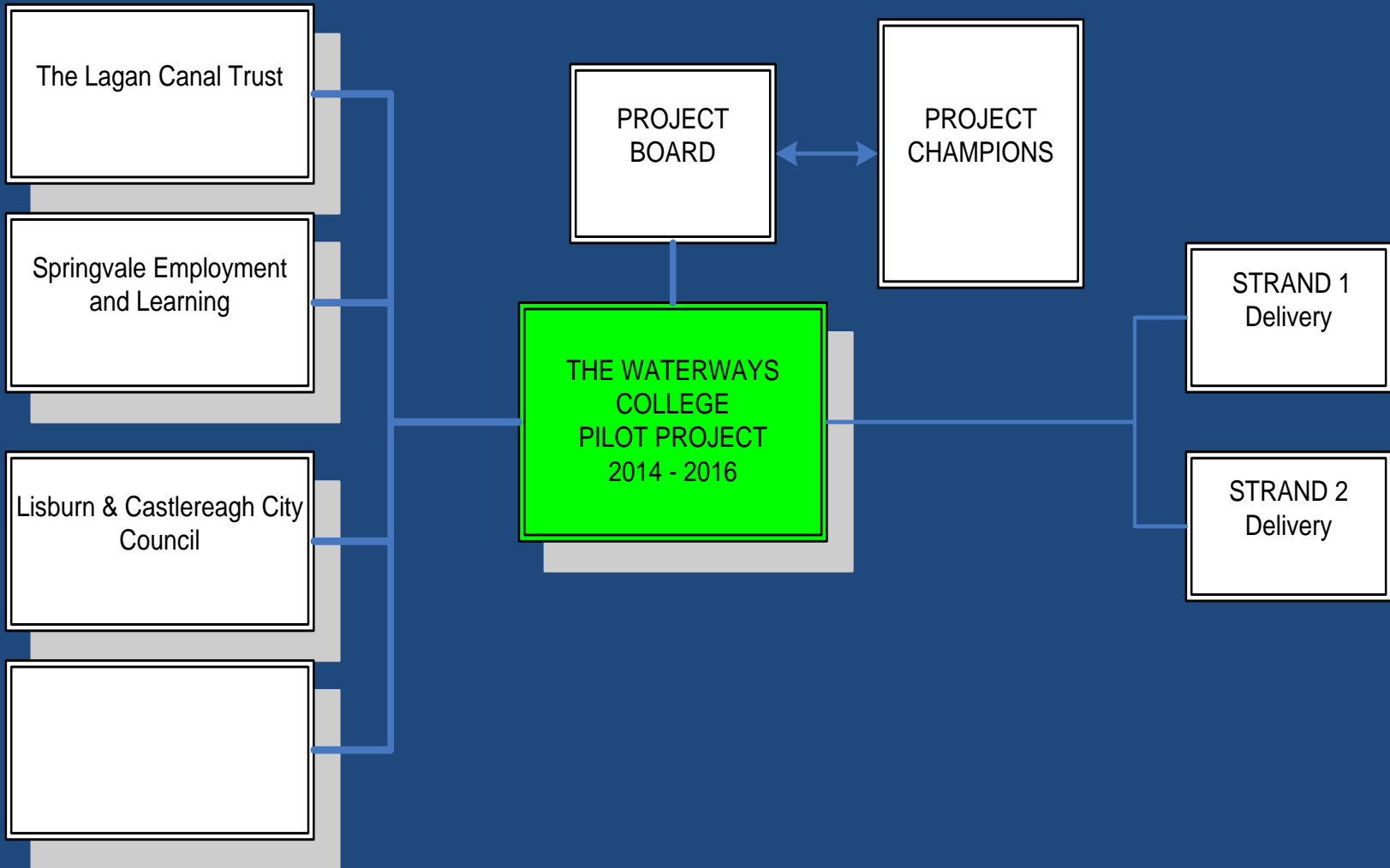
Programmes and projects delivered through innovative and accessible learning activities - sustaining the built, natural and cultural heritage of waterways and their environments.

### **STRAND 2. DELIVERY OF SOCIAL LEARNING.**

Volunteering, community and educational outreach programmes and projects to enrich the learning and entrepreneurial experience.



# TWC PILOT PROJECT GOVERNANCE STRUCTURE



## TWC PILOT PROJECT CHAMPIONS

- The Engineering Skills Council for NI - STEAM Champion
- NI Science Park - STEAM Champion
- Queens University - STEAM Champion
- Resurgam Trust, Lisburn - Community Champion
- Aghagallon Community Organisation , Craigavon - Rural Champion
- Stepping Stones NI - Disability Champion
- Lagan Valley Regional Park – Volunteering Champion
- Lisburn City Council - Local Government Champion
- Belfast City Council - EU Funding and Finance Champion
- NIEA – Built and Natural Heritage Champions
- Northern Ireland Housing Executive – Community Asset Transfer Champion
- Scottish Waterways Trust - Lessons Learned Champion
- Scottish Canals - Waterways Champion
- Waterways Ireland – Waterways Champion
- Inland Waterways Association of Ireland – Boating and Navigation Champion
- Connswater Community Greenway – Project Delivery Champion
- Lough Neagh Partnership – Freshwater Lough Champion

**The Waterways College will, as a minimum, provide enriched learning, apprenticeships, jobs, volunteering , educational and community outreach programmes and at its most successful will change lives.**

## CONTEXT FOR DELIVERY

- Some 38 pieces of legislation, policy and strategy affect the development and delivery of the re opening of the Lagan Navigation;
- The independent Business Case to Government concludes that 'This project is consistent with key national, regional and local government strategies, relating to economic, social and environmental development. '
- During the 2012/13/14/15 Statutory and Public Consultation events these comments were recorded

- I would prefer a new canal cut as opposed to canalizing the river at Lisburn as this would reduce many of the environmental impacts and giver opportunities to mitigate for habitat loss;
- **Proposals are ok. Lots of people walk, jog, cycle and fish at the moment, nice to see boats etc on the Lagan once again;**
- **Get the money and get on with it ASAP;**
- **I think the proposals are fantastic and credit to all involved, I know the effort required;**
- **This is a vast untapped resource which needs to be exploited;**
- **Keep up with your proposals and push all agencies for funding from Stormont who have ignored this opportunity for too long;**
- **A project with little regard for the environment**