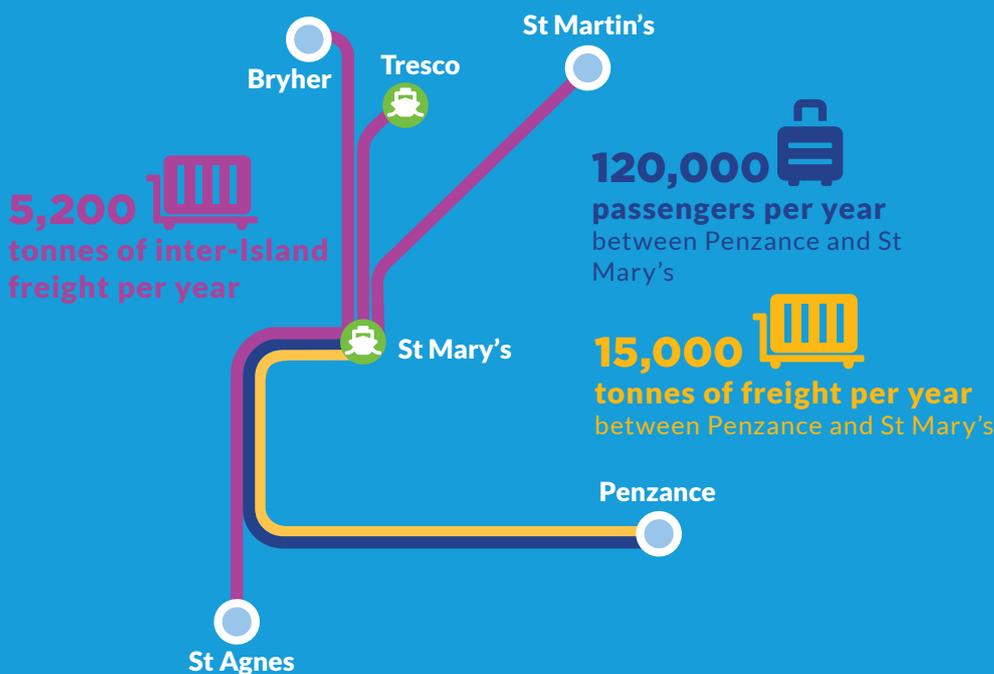


ISLES OF SCILLY SEA LINKS PROJECT

The current passenger and freight vessels which provide the sea link service will soon come to the end of their economic lives. The Isles of Scilly Transport Board has led the development of proposals to replace the vessels and improve the harbours. This formed the basis of a bid in June 2021 by the Council of the Isles of Scilly. In October 2021 the Government allocated £48.4m of Levelling Up funding to deliver the project and the requirement for three new vessels included in the Cross Government Shipbuilding Pipeline announced in March 2022. Following the funding announcement, the Council has been working with the harbour owners, current vessel operator, National Shipbuilding Office and the Department for Transport to complete the process required to gain access to the funding and deliver the improvements by March 2025.



PROPOSED IMPROVEMENTS

NEW VESSELS

-  Scillonian IV
-  Cargo Vessel
-  Inter-Island Launch - Lyonesse Lady II

HARBOUR IMPROVEMENTS

-  St Mary's Quay and New Grimsby Quay, Tresco



SCILLONIAN IV



DESIGN FEATURES

- **Top speed of 18 knots** reducing the current journey time by 20% allowing more time on the islands for day trippers
- **Anti-roll fins** will improve the comfort of the journey and provide opportunity to extend current operating period
- **72m vessel** capable of carrying 600 passengers (115 more than Scillonian III)
- **Passenger lift** providing improved access to all decks
- **Contemporary, comfortable seating** over three decks
- **Improved passenger facilities** with an onboard coffee shop, retail area and executive lounge
- **Increased cargo capacity** designed to maximise the future needs with the ability to carry chilled/frozen goods

CARGO VESSEL



DESIGN FEATURES

- **45m vessel** capable of carrying more cargo
- **Greater crane lifting capacity** enabling the vessel to carry larger goods such as heavy goods vehicles
- **More spacious and versatile deck** due to reducing the hatch size and relocating the funnel housing
- **Increased capacity** with space for chilled/frozen goods
- **Modern crew cabins** for scheduled year round sailings
- **Comfortable lounge for up to 12 passengers** for use year round allowing earlier departure from the Islands

INTER-ISLAND LAUNCH LYONESSE LADY II

DESIGN FEATURES

- **Top speed of 12 knots** reducing current journey times
- **Reduced loaded draft** of 40cms to improve access to tidal restricted quays
- **Cargo capacity increased** by 50%

DECARBONISING THE SEA LINKS

The Steamship Group is committed to working with both the Council of the Isles of Scilly and the Department for Transport to accelerate maritime decarbonisation.

SCILLONIAN IV AND THE NEW CARGO VESSEL

- **Hybrid propulsion system** will enable both vessels to manoeuvre into and out of Penzance and St Mary's under battery power alone and allow the main engines to be run in the most fuel-efficient form between Penzance and St Mary's, further reducing fuel consumption, greenhouse gas emissions and maintenance costs
- **Marine diesel engines** will be MARPOL Tier III compliant with an 80% reduction in Nitrous Oxide (NOx) emissions
- **Battery capacity** will also be sufficient to deliver all alongside port operations reducing the emissions and noise produced during vessel operations

LYONESSE LADY II

- **Lightweight aluminium structure** will burn 50% less fuel than the current vessel
- **Marine diesel engines** will also be MARPOL Tier III compliant with reduced Nitrous Oxide emissions

FUTURE TECHNOLOGIES

- **All vessels have been designed to switch to zero emission propulsion systems** such as hydrogen when these become technically and financially feasible
- **Priority will continue to be given to maintaining a resilient life-line link** when assessing the possible introduction of any new technologies

HARBOUR IMPROVEMENTS



In order to ensure the new vessels can operate safely and efficiently, improvements are proposed to the main quays on St Mary's and Tresco – the two busiest quays on Scilly.

These include:

- **Infrastructure works** to ensure passenger services are fully accessible at all times
- **Improved storage facilities** for freight handling
- **Installation of an electrical supply** on St Mary's Quay for hybrid and full electric vessel operation
- **Widening of the New Grimsby Quay** and construction of a slipway to separate freight and passengers and provide improved accessibility



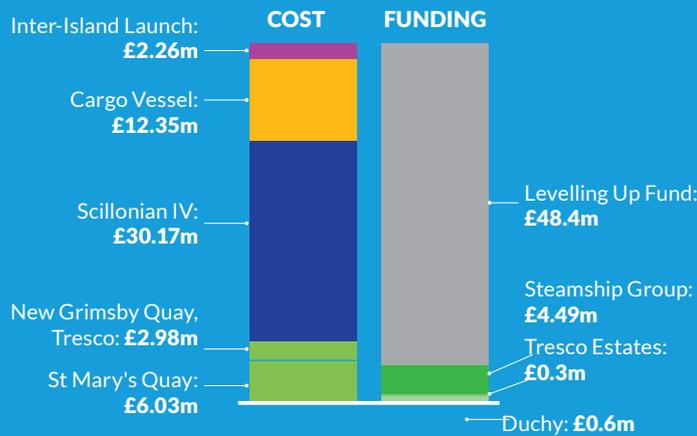
Improved pedestrian access, St Mary's Quay
(Illustrative design)

FUNDING AND PROGRAMME

Subject to the funding being released by the Government in July 2022, the £53.8m project will be delivered in Spring 2025

FUNDING

Local funding of up to £5.4m is available from the Steamship Group, Duchy of Cornwall and Tresco Estates.



It is currently proposed that the Council of the Isles of Scilly will be the accountable body for the delivery of the project and for ensuring that the service standards set out in the funding agreement with the operator are maintained throughout the operational life of the vessels. Due to the size of the project, the Council will need to review its role if the cost of the project is forecast to increase significantly.

PROGRAMME

On 19 June, the Council submitted the full business case to the Department for Transport. In advance of final funding confirmation from Government, the Council and its delivery partners are continuing to work on the project to ensure the current programme, which will see all vessels in service by March 2025, remains achievable.

KEY ACTIVITIES	PERIOD		
IoSSG complete concept design & shipyard selection for vessels	Up to July 2022		
Government release Levelling Up funding	Target 15 July 2022		
CloS complete legal agreements with IoSSG for delivery and operation of vessels	Target 22 July 2022		
IoSSG place orders for detailed design & build of vessels with shipyards	1 August 2022		
Vessel delivery Takes account of the need for trials and introduction of new vessels to be outside main visitor season (March to October)	Inter-island launch	Cargo vessel	Scillonian IV
Sea trials	Jan 2024	Oct 2024	Feb 2024
Vessel in service	Feb 2024	Nov 2024	Mar 2025

CloS – Council of the isles of Scilly
IoSSG – Isles of Scilly Steamship Group

BENEFITS

COMMUNITY BENEFITS

Once funding is secured the Council will enter into legal agreements with the Steamship Group to ensure the following community benefits are maintained:

- **Residents travel scheme** ensuring affordable travel, priority access to crossings on the cargo vessel all year round and improved onward connectivity
- **Seat on the Steamship Board** for the Council as the community user representative informed by a Community Advisory Board
- **Access for passengers with reduced mobility** to a minimum standard set by the Council
- **Annual Passenger Transport Service Review***
- **Provision of mainland delivery point for internet orders** and onward shipping to the Islands
- **Apprenticeship programme** for local residents

* To be carried out by Transport Focus - a nationally recognised independent watchdog for transport users, who will report to the Council of the Isles of Scilly and Isles of Scilly Transport Board.

WIDER BENEFITS

The improvements will deliver a range of wider benefits and support the Government's Levelling Up strategy by:

- **Improving capacity, reliability, accessibility, journey speed and passenger comfort** which is fundamental to every aspect of Island life
- **Improving access to health and education facilities** on the mainland
- **Maintaining visitor numbers** and encouraging new investment in the economy
- **Reducing carbon emissions and noise footprint**
- **Maintaining financial viability** by ensuring the service can operate year-round without any subsidy
- **Enabling a vessel replacement fund to be created** to meet future investment needs