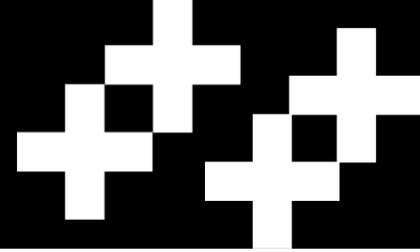


Shetland's Blue Carbon Potential



The amount of carbon held within Shetland's known carbon storing marine habitats is equivalent to any of the following



2.5m
miles

12.5m
hours of
lightbulb use



£34 933



44 855
hours in the
shower



3.1m
hours of
phone use



538 261
tumble
dryer uses



ferry passenger
return trips
(Lerwick to
Aberdeen)
1 346

1.3m
microwave uses



10 765
passenger
return flights
(Sumburgh to
Aberdeen)



2.7m
internet
searches

2m

washing
machine
uses



106
people's
annual
carbon use

13.4m



cups of tea

21 530
trees



2021 United Nations Decade
of Ocean Science
2030 for Sustainable Development

UHI | Net
Zero

UHI | SHETLAND

* Figures are for the top 10cm of sediment of known blue carbon habitats

Underlying data comes from Riley, T.G., and Shucksmith, R., 2025.
Exploring Sublittoral Blue Carbon Habitat Suitability and Potential in the
Shetland Islands. Shetland UHI report.