



Protecting the environment

Trinity House works in a sensitive environment. Many lighthouses are part of special environmental areas and are sited within sites of special scientific interest. Several lighthouses are also listed buildings.



Our main objectives are to ensure safety at sea, prevent human injury or loss of life and to avoid damage to the environment. As well as protecting the mariner our role is also to protect the sea by reducing the risk of pollution caused by shipping casualties. We use renewable energy to power the majority of offshore Aids to Navigation using solar, wind and wave energy and hybrid systems.

As a result of the introduction of such systems, carbon emissions have been almost totally eliminated. The typical saving from an offshore lighthouse or light vessel is 15 tonnes per annum.

Due to the environmentally sensitive nature of our lighthouse locations, any helicopter flights required are planned in order to minimise disruption to nesting birds. In addition, water used to clean buoys landed at Trinity House depots is kept and filtered so as not to contaminate the local environment.

Trinity House prides itself on its procedures for protecting the flora and fauna.