

SWIFT Rooftop Wind Energy System™

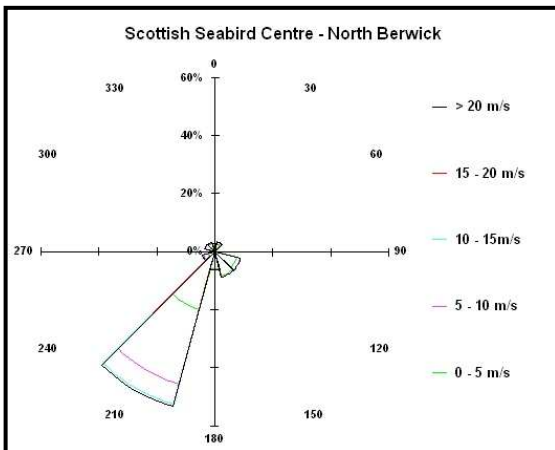
Scottish Seabird Centre Case Study



The Site

The Scottish Seabird Centre is an award winning five star wildlife visitor attraction providing information about the local bird species and remote camera viewing to nest sites on the local Bass Rock. The centre is perched on a rocky outcrop at North Berwick Harbour, overlooking the islands of the Firth of Forth and sandy beaches of East Lothian.

The Scottish Seabird Centre is a key site for the **SWIFT** Team, having been a pre-production research and development site and currently still providing a valuable monitoring post for our engineers.



Wind Conditions

The Scottish Seabird Centre is a coastal site with an average annual wind speed of **5.1m/s**

The coastline is to the north of the building. The prevailing wind for the site is from the south west.

Generation

A **SWIFT** wind turbine is used to supplement the electricity supply for the administration function of the centre.

Annual energy output is **1700 kilowatt hours**.

This **SWIFT** is currently being independently monitored by the Energy Saving Trust as part of their micro wind trials

ANNUAL OUTPUT 1700 kWh

ANNUAL CO² displaced 1.02tonnes

