

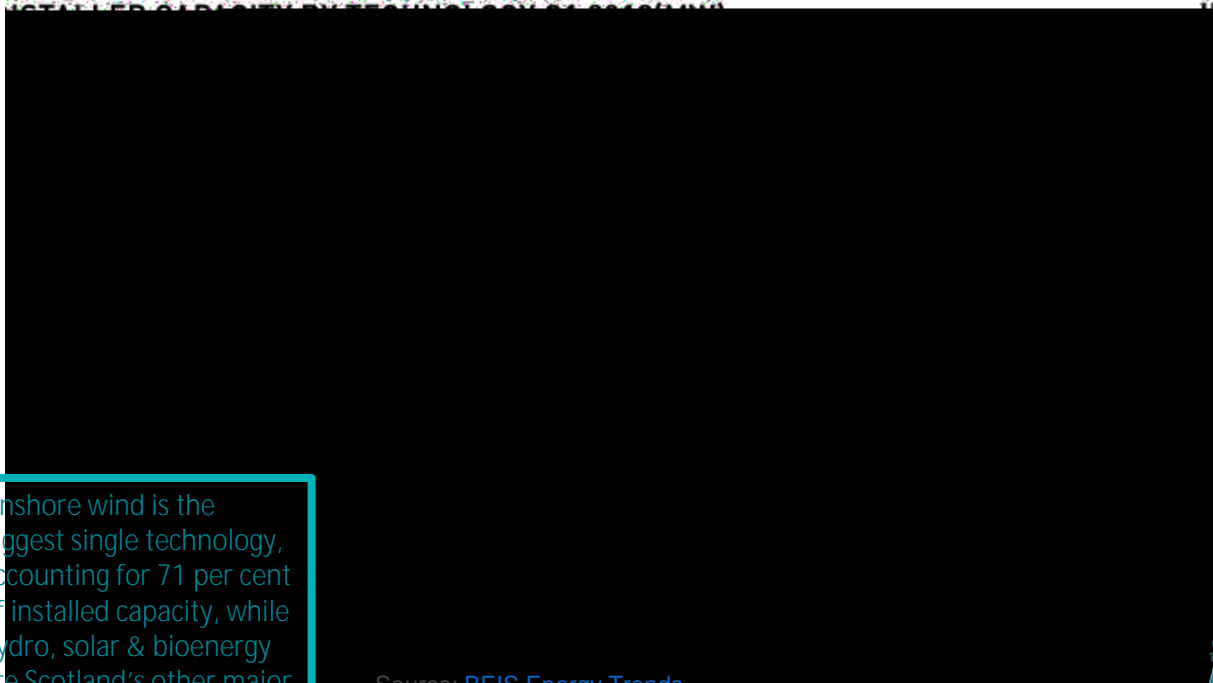
# RENEWABLES UPDATE

Climate Change Environmental Action Group

Audrey Martin Transformation, Projects and Regeneration Manager



Scottish Renewables has compiled the key statistics on the development of Scotland's renewable energy sector from a variety of government and industry sources in order to track the industry's growing contribution to our energy needs, our economy and our environment.

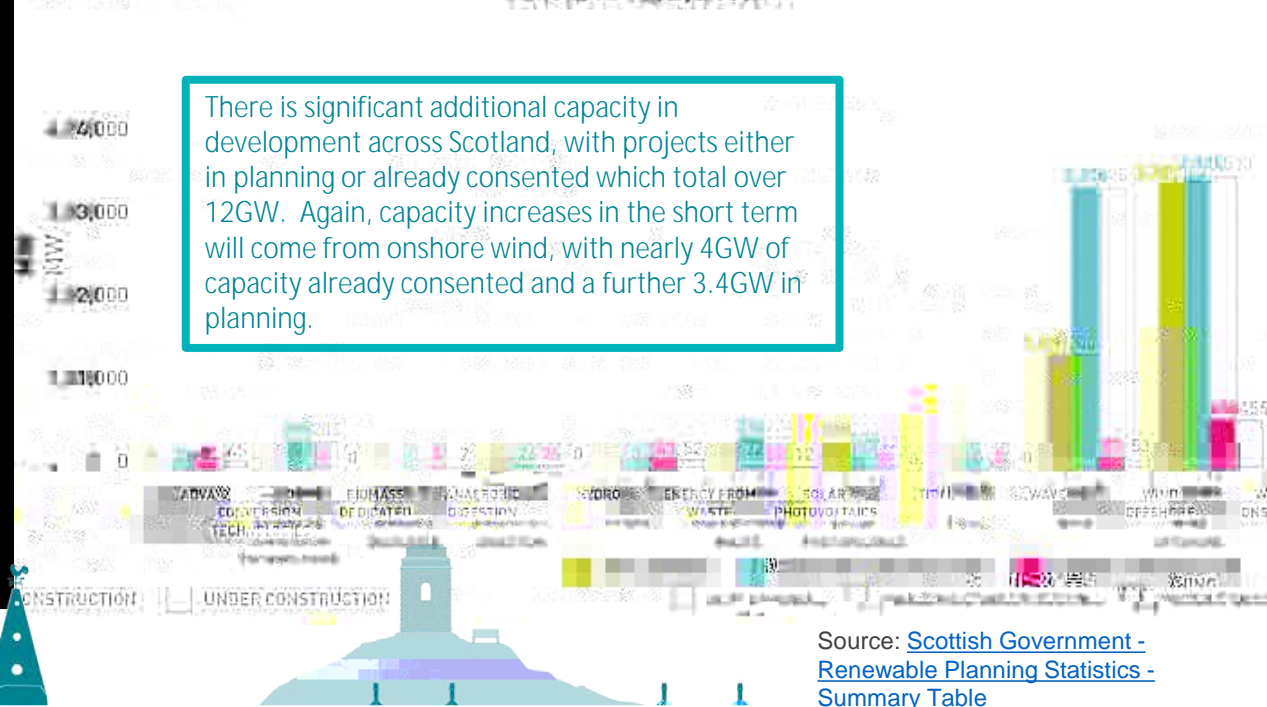


Onshore wind is the biggest single technology, accounting for 71 per cent of installed capacity, while hydro, solar & bioenergy are Scotland's other major sources of renewable power.

Source: [BEIS Energy Trends](#)

## PRE-OPERATIONAL CAPACITY OF RENEWABLES PROJECTS (MARCH 2019)

TOTAL 12,946 MW



Source: [Scottish Government - Renewable Planning Statistics - Summary Table](#)

# THE RENEWABLES INDUSTRY IN ARGYLL AND BUTE 2020

Argyll and Bute's abundance of wind, water and wave energy, and the energy potentially generated by biomass present key sustainable



# THE ARGYLL AND BUTE INTERACTIVE RENEWABLES MAP

There is an even spread of sites in Argyll and Bute with The majority being micro hydro schemes

The [interactive renewables map](#) is a tool incorporated into our Renewable Energy Action Plan which allows people to access up to date information from our planning system on Renewable Energy sites in Argyll and Bute.

## KEY FACTS

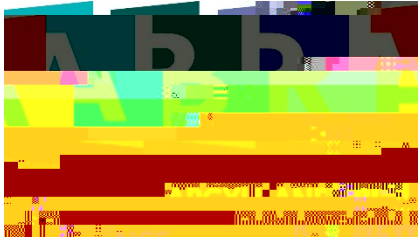
15 operational  
Commercial windfarms





**Our vision is:**

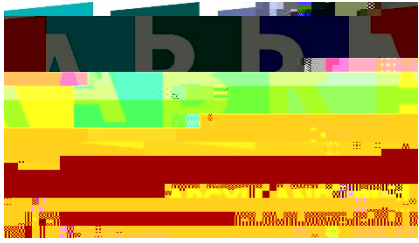
*“Argyll and Bute will be at the heart of renewable energy development in Scotland by taking full advantage of its unique and significant mix of indigenous renewable resources and maximising the opportunities for*



# WORKING IN PARTNERSHIP

The Argyll and Bute Renewable Energy Alliance (ABRA) was established in 2011 and brings together key public and private sector partners - including Argyll and Bute Council, the Scottish Government, Highlands and Islands Enterprise, Marine Scotland, Scottish Power Renewables, Scottish and Southern Energy, The Crown Estate Scotland, Scottish Natural Heritage and Skills Development Scotland - to ensure a greater awareness of all the issues relating to renewable development across Argyll and Bute, and to act as a key mechanism to assist with delivering the [Renewable Energy Action Plan](#)





# THE RENEWABLE ENERGY ACTION PLAN



<b>Action</b>	<b>Partner(s)</b>	<b>Timescale</b>
Ensure the grid is fit for purpose to meet renewable energy opportunities – Inveraray-		







## GRID UPDATE

INVERARAY- CROSSAIG

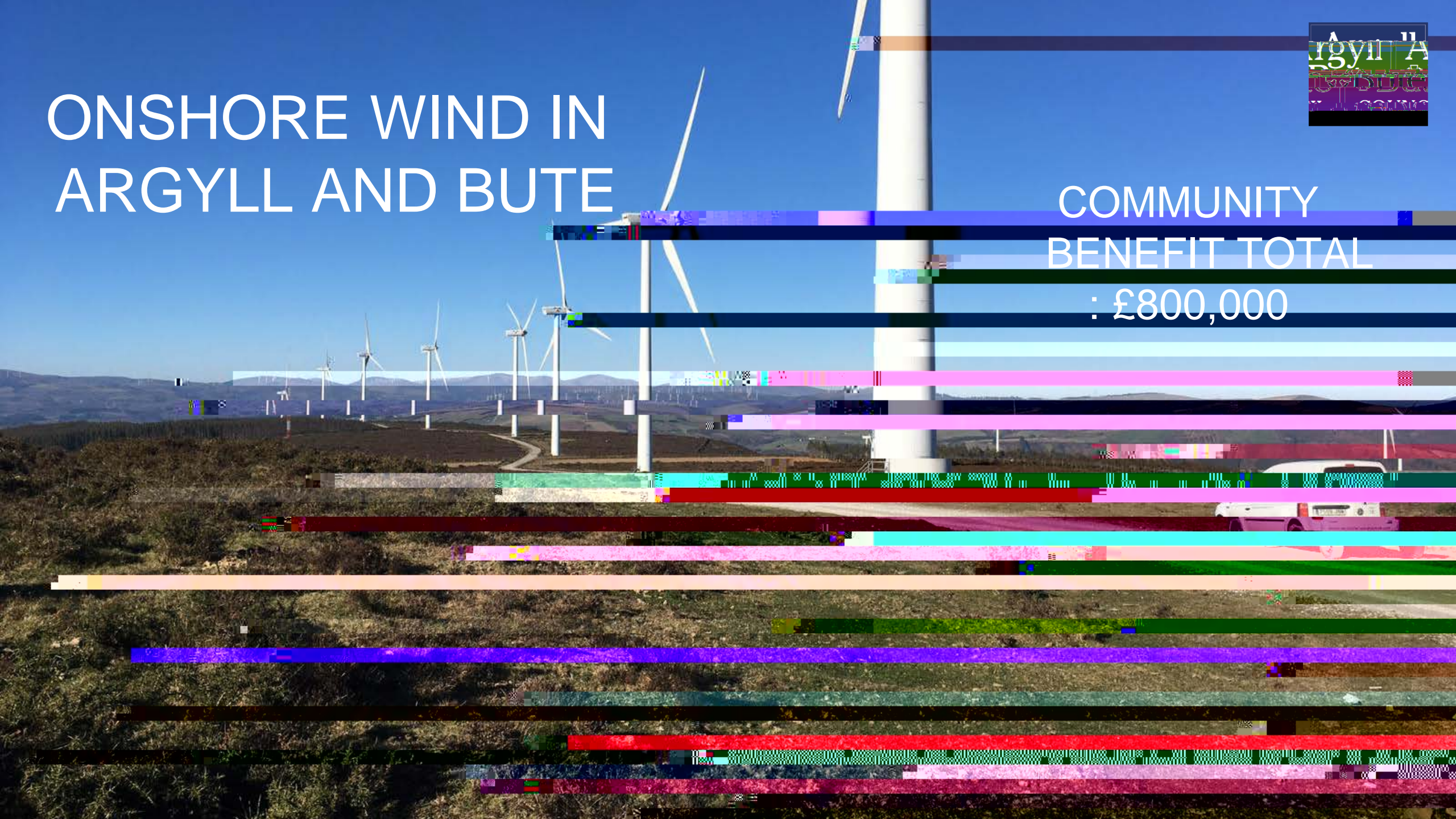
NORTH ARGYLL



# ONSHORE WIND IN ARGYLL AND BUTE

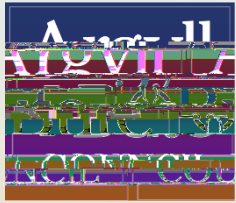


COMMUNITY  
BENEFIT TOTAL  
: £800,000





# TACKLING CLIMATE CHANGE OPPORTUNITIES



- INCREASE OPPORTUNITY FOR COMMUNITY OWNERSHIP OF COMMERCIAL ONSHORE WIND SITES
- POTENTIAL TO EXPAND ABRA REMIT TO INCLUDE ENERGY
- LOCAL ENERGY SYSTEMS/NETWORKS TO OVERCOME GRID CAPACITY CHALLENGES
- POTENTIAL OFFSHORE WIND PROJECTS- SECURING MAXIMUM ECONOMIC BENEFIT
- FUTURE WAVE AND TIDAL PROJECTS- SECURING MAXIMUM ECONOMIC BENEFIT