



**STATES OF
ALDERNEY
CHANNEL ISLANDS**

Strategic Plan 2014

ENERGY PLAN

VISION

TO ENSURE A PROSPEROUS FUTURE FOR RESIDENTS AND BUSINESSES OF ALDERNEY BASED ON THE OBJECTIVES OF SAFE, AFFORDABLE, SECURE AND ENVIRONMENTALLY SUSTAINABLE ENERGY.

To support this vision, the Alderney Enterprise Group (AEG) will develop a clear set of comprehensive short, mid and long-term and objectives (2, 5 and 10 years) with specific States actions. Emphasis will be placed on developing a flexible policy framework that will provide the best options for maximizing our energy independence, becoming environmentally sustainable and contributing to future economic development opportunities.

Objectives

Energy cost

Price stability
Price reduction

Energy security

Greater self-sufficiency
Diversity of supply

Energy efficiency

Advice and education
Grant support schemes

Environmental sustainability

Small scale renewable energy development
Reduced green house gas emissions and other pollutants

Economic development

Support ARE tidal power project
Support FAB cable project
Support growth of local industries and new job opportunities off the back of this strategy
Research, development & demonstrate new technologies
Strengthen and diversify local economy
Create a benchmark for innovation and commercial prowess and communicate this to Europe and beyond
Develop a platform from which to establish a center of educational post graduate/business excellence

FRAMEWORK TO DEVELOP THE STRATEGY

The States intend to demonstrate leadership by recognising energy efficiency as a priority resource and this will form a crucial step in the development of an energy policy. The States are in a unique position to effect change (tax and legal framework) and will seek to develop closer ties between the diverse stakeholders involved in the administration and implementation of energy efficiency on Alderney.

Alderney Enterprise Group (AEG) will consider the creation of an Office of Energy Efficiency (OEE) to assist islanders in reducing their energy consumption and minimise the environmental footprint of our daily activities.

The mandate of the OEE programme would be to provide islanders with advice and programmes that will promote sustainable energy use and reinforce the importance of sound energy management for the economic, social, and environmental well-being of island residents and businesses.

The OEE will also be a one- stop centre for resident and States energy efficiency programmes and services.

AEG will develop the energy overview, reviewing the various strategies and action plans of the UK, France, the Bailiwick and the specific needs of the island.

The AEG will investigate all avenues of renewable and sustainable energy including small wind developments, solar technologies, geothermal energy, solid, liquid and gas bio fuels/diesel, biomass, pure plan oils, ethanol, wave, tidal and submarine grid and define a strategy for the next 2, 5 and 10 years.

The AEG, working with the States will evaluate providing support by way of different financial incentive mechanisms to businesses that supply, develop or manufacture renewable energy technologies on Alderney.

The AEG will seek to develop a green technology cluster, which it has defined as a geographic concentration of interconnected businesses, suppliers, and associated institutions in a particular field. While agriculture, fisheries and tourism have historically been the drivers of the island economy, emerging sectors like technology and specifically gaming are now contributing more to the overall shift to a knowledge-based economy.

Alderney will be 100% energy self sustained from renewable sources in five years. Alderney will be the most self sufficient and innovative renewable energy efficient region in the Bailiwick and British Isles. Alderney will be a beacon to others and a centre of excellence to drive advanced alternative energy thinking.