



ABERDEEN
CITY COUNCIL

Powering Aberdeen

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Powering Aberdeen



A programme that's drives us towards becoming a smart, low carbon city.

What does this mean in practice

Increase use of low carbon and renewable energy


Integrate smart infrastructure to manage energy, communication and use of resources

Improve energy efficiency in existing buildings

Build low carbon energy efficient new builds

Develop a low carbon transport fleet and infrastructure

Leadership, training and engagement



By 2030 Aberdeen is a vibrant, world class city which is an attractive and sustainable place to live and do business. The economy has diversified and is supported by efficient, low carbon buildings and transport infrastructure. The health and wellbeing of citizens continues to improve and fuel poverty has been eliminated. Carbon emissions have reduced by at least 50%. “

Some Examples

- **Aberdeen Heat and Power**
- **New AECC**
- **Passive house nursery the University of Aberdeen**
- **Hywind offshore floating turbines**
- **Don Hydro Community project**
- **Hydrogen buses**



Why do we want to do this?

Global changes in energy landscape

- Need to reduce carbon emissions
- Volatility of fuel prices
- Security of supply

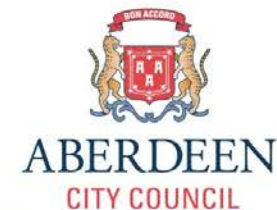
Opportunities



- To diversify economy
- Innovation through development and adaptation of new technology

What have we done so far?

- Established city wide baseline emissions
- Modelled emission reductions achievable
- Established targets
- Powering Aberdeen:
Aberdeen City's Sustainable Energy Action Plan was approved 11th May 2016
- Public consultation until the 29th June

Targets



- 31%  2020
- 50%  2030

Baseline year 2005

19% reduction between 2005 and 2012

It's all about partnerships



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Opportunities for Heat

- **Growing heat network in Aberdeen**
- **Opportunity to open heat networks beyond the public sector**
- **Low cost/low carbon heat for commercial premises and businesses**
- **New business opportunities**



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