



Fit for  
the Future.....

A Network for  
Environmental  
Practitioners



Impact



Report



2016

# The Network



## Welcome

Inspired by the impact and success of the Fit for the Future Network and its members, I joined as Chair in April. Now in its third year, the Network continues to go from strength to strength, as practitioners from across a whole range of organisations collaborate and share knowledge, enabling them to reduce emissions and become more environmentally sustainable.

A huge 'thank you' must go to all our members who have enabled Fit for the Future to be such a success; none of this would have been achieved without their commitment, dedication and sheer hard work.

The reality of climate change is ever more present, threatening people and nations across the world. Here in the UK we see but a glimpse of the consequences our fossil-fuel led society is causing. Our mission is to support members to reduce their environmental impact and become resilient in response to the threat of dangerous climate change.

  
Sir Ed Davey

With thanks to our Board members:



Our vision is to become a network of climate-friendly and resilient organisations

Proudest achievements in 2016:

Helping members save an estimated

£1.2m



and

11.8 GWH of energy

Winning 3 awards



Delivering events for

532



environmental practitioners

Supporting a

>40%



increase in energy reporting and monitoring

# Our Reach

○ We currently work with 80 organisations spanning from Cornwall to Aberdeen. Here are some of the events we held in 2016:

○ 26 Events in 2016



Online webinars

Working groups



Peer consultancies



Workshops



Site visits



Networking events



Conferences



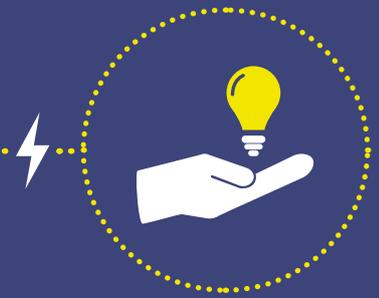
8  
Events in  
London

91%

of members rated  
events as overall  
very good or  
excellent.

# Collective Impact

Our members are consuming  
**764.6 GWH**  
and have saved  
**11.8 GWH**  
compared to last year



This equates to

**4,144**

tonnes of CO2 saved

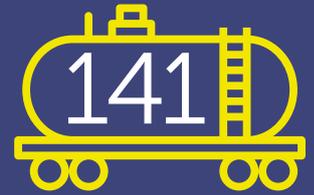
or

**536**

passenger flights  
to New Zealand



They've saved  
enough oil to fill



domestic oil tanks

They are collectively generating

**32.1** 

of renewable energy  
10.3 GWH more than last year

This is enough to power

**8834** 

for a year or charge over  
1 million electric vehicles



and saved an  
estimated  
**£1.2m**

Here's how saving and generating energy can help our members meet their objectives



Sally Mills,  
RSPB



*"The Fit for the Future Network has helped us save thousands of pounds. We needed a boiler for burning wetlands materials, but were cautious about speaking directly to suppliers after we experienced installing a biomass boiler that we're unable to use. We wanted an independent review and we went to a Network member who was instantly able to recommend a consultant that would give us objective advice, saving 2 or 3 days of time and avoiding the uncertainty of selecting the right company."*

**Guide Dogs**  
energy savings so far could pay for



**2** Guide Dog partnerships

**Oxfam's** mileage savings could pay for safe, clean water for

**250,** 

people

**WWT's** energy savings could pay for the breeding programme for



**17**

endangered  
Spoon-billed  
Sandpiper birds

**Chatsworth's** energy savings could pay for restoring over 500m dry stone walling

**500m**

dry stone walling



**National Trust's** oil savings could pay for the treatment of



**42**

sculptures

# How we make a difference

○ We believe that 9 times out of 10 someone's already found the solution to your problem. Our job is to match them up with you so they can share honest and practical advice.

## Events



- ✓ Events
- ✓ Working groups
- ✓ Webinars
- ✓ Site visits
- ✓ Workshops

*"The Stirling site visit was a great day: massively informative, with good conversations and excellent information from the guides"*

Olivia Lassiere,  
Scottish Canals

Scottish  
Canals



*"The Energy Managers working group has helped us to save £100k per annum. The group recently gave us insight into changes to energy metering and its potential impacts on the Field Studies Council. One member showed us how to manage the increase in energy prices and turn a challenge into an opportunity for savings. It is an extremely useful forum to share ideas and learning"*

Ben Young,  
Field Studies  
Council



## Practical support and advice



- ✓ Tailored link-ups with members
- ✓ Shared resources and templates
- ✓ Free peer consultancies
- ✓ Friendly staff a call away

*The recent peer consultancy of Kew Gardens by a Network member has helped me demonstrate the business case behind energy measures and talk the language of our finance team. As well as receiving helpful technical advice, I can now communicate my ideas and plans more effectively."*

Sachi Findlater,  
Royal Botanic  
Gardens, Kew



## Sharing and showcasing



- ✓ Showcasing your projects
- ✓ Monthly newsletters
- ✓ Promotion and profile for your organisation

*"The Network has enabled me to connect with other member organisations who are using new technology for heating and cooling. After some desk-based research, we weren't sure where to start so we went to the Network. We were put in touch with Tom at Oxford University, and being able to speak directly and honestly with him about his experiences has saved me several days of research and enquiry, and provided me with objective advice."*

Lisa Moore,  
Geffrye  
Museum



# Our members' energy and carbon savings



## Historic Environment Scotland

With 27 buildings, 1.5 million visitors in 2015 and spread over 7 acres of land, Edinburgh Castle uses the same amount of energy as 280 average households and is the biggest energy user in Historic Environment Scotland's portfolio. Major energy efficiency improvements over the past few years have reduced energy consumption by 29%, which is a 31% reduction in carbon emissions compared to 2008-09. Measures included more efficient LED lighting and lighting controls, sheep's wool insulation, implementation of smart meters and the replacement of gas boilers, controls and pumps. This, alongside behaviour change among staff, is now resulting in real annual savings of £100k.



Historic Environment Scotland

**29%** energy consumption at the castle has been reduced by 29%



University of Chester

## University of Chester

The University of Chester has installed solar PV panels on ten buildings across the university, including offices, lecture rooms and halls of residence, as well as fitting LED lighting at key sites. Through behaviour change initiatives, renewable energy generation and more efficient technology, the University has seen an average reduction in carbon emissions of 20% and an almost 30% reduction in buildings costs. They have generated enough power to make 6.1m cups of tea and are using surplus energy generated from the solar PV in other buildings across the university.

**20%**

the University has seen an average reduction in carbon emissions of 20%



Canal and River Trust

## Canal and River Trust

In the last 12 months, the Canal and River Trust have invested £340,000 in LED lighting at 16 different sites across the country. Lighting was one of their biggest energy consumers, and it was a big challenge to install LEDs in such diverse properties as no two sites were the same. The completed work will now result in savings of up to 490,000kwh in electricity every year, the equivalent of 226 tonnes of CO2. This will save them up to £58,000 in bills – the equivalent of powering two of their most popular visitor centres for a year.

**£58k**

savings in bills

# What we've learnt this year and looking forward



Despite a 40% increase in monitoring and reporting amongst members, this remains a challenge for many and needs to be something we support you with.



A decrease in renewable energy projects shows that the operating environment for renewables is still changing, so we will actively share best practice and member innovation to help you move forward with projects.



Sharing resources and templates would be really useful so we will be developing this alongside other services and member benefits.



You love to network! Sharing experiences and seeking advice from peers is important to you, so we will continue to facilitate conversations by running regional networking events for members.



In 2017 we will launch our new strategy, to help us improve our member services as you seek to respond and adapt to climate change within your organisation.

**Get  
Involved**

For more information about joining or supporting the Fit for the Future Network, contact

Chloe Hampson:  
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**info@fftf.org.uk**

Or visit  
**[www.fftf.org.uk](http://www.fftf.org.uk)**  
**[@F4F\\_Network](https://twitter.com/F4F_Network)**