

Resourcing the world

A story of the future - redefining sustainability



In the past, everyone thought the earth was flat
and that ships would fall off its sharp edge.

Although that belief is long gone, when it comes to our
natural resource economy we are still 'thinking flat'.





 Society is making and using what it needs and throwing away what it doesn't. This is flat earth thinking.

Even with some recycling, too many precious materials are consigned to oblivion – just like reaching the world's end.

It doesn't have to be that way.

 At Veolia, we're re-imagining the shape of the future





We believe in round

With 160 years of expertise in the areas of **water**, **energy** and **waste**, we provide an array of sustainable environmental solutions that promote the transition toward a **circular economy** - where consumed materials are put back into the production chain to become new products or clean energy, so they are given a second or third life. We call this **Resourcing the World**.

Sustainability means... a world with no waste and clean power

The UK could produce **10% of its renewable energy** by converting waste to energy. At Veolia, we're putting food and beverage waste to good use by creating a renewable liquid fuel we call 'soup' – a sustainable alternative to energy crops or biomass. We aim to make **10 million litres of soup** in 2014, enough to power over 500 homes.

Veolia was first to market with products that save our customers time and money, helping others to resource the world.



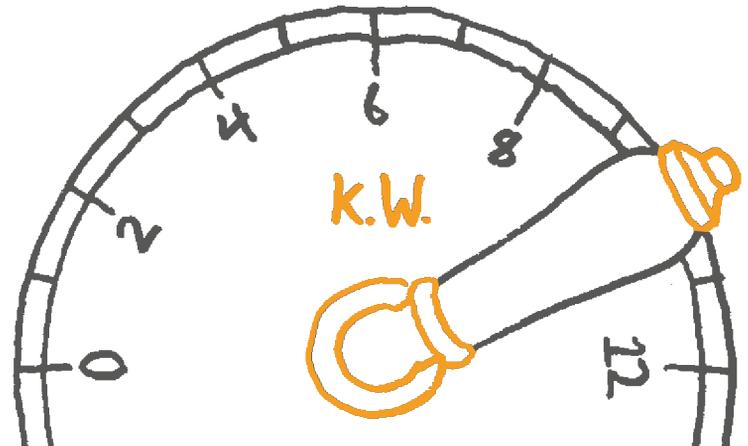
Households heated by their own waste

With Southwark Council, Veolia has created London's first energy-from-waste district heating network. Energy generated provides heat and hot water to 2,500 homes – all from black-bag refuse produced by these same households. The network will reduce carbon emissions by 8,000 tonnes each year, the equivalent of taking 2,700 cars off the road, and deliver energy security to residents.

Inventive with water

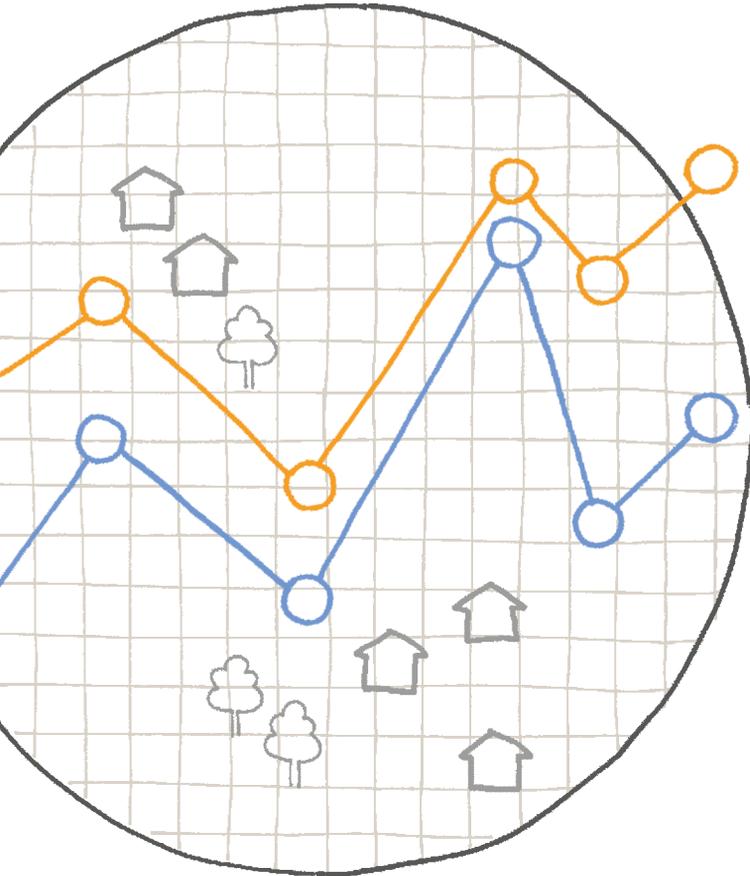
Working alongside a leading food producer in Kent, a region of water scarcity, Veolia has designed, built and maintains a recycling facility that treats 72% of the factory's wastewater to drinking water standards – an industry first.

Another Veolia facility in Edinburgh converts solid waste, called sludge, into biogas and organic fertilizer – providing 75% of the fuel the plant requires while generating 100 tonnes of fertilizer daily.



...a smarter world

Rapid urbanisation, rising energy costs and resource scarcity are some of the greatest challenges of our time. Veolia works at the heart of the **water-energy-waste** nexus, **investing over £50 million a year** worldwide in researching and developing some of the world's most efficient resource infrastructure technologies that tackle these issues head-on.



IBM

Intelligent water networks

We're working alongside IBM to produce innovative tools and services for our water utility customers. Our smart network technology, Veolia Integrated Intelligent Operations (ViiO), manages the network 'intelligently', predicting and identifying problems before they affect customers or the environment. By developing and installing ViiO in our own networks at Tidworth, Wiltshire, and those of our clients in Lyon, France, our partnership with IBM is helping to create a greener, smarter world.



P&G

Helping Procter & Gamble create worth from waste

Our customer Procter & Gamble asked Veolia to find a solution to aerosol recycling at its plant in Reading. We rose to the challenge and found a way to extract the propellant gases, recycle the metal cans and process the organic liquid for use as a fuel in the cement industry. Thanks to this and other measures, the plant is now sending zero waste to landfill.

Veolia is on the way to resourcing the world

Here are a few of our recent highlights



We are a **carbon positive** business



354 apprentices gained **vocational qualifications** in 2013



Created enough energy to power over **350,000 homes in one year**



Queen's Award for Enterprise in Sustainable Development



Created the UK's largest **green roof**



Veolia's **'round products'** for a circular economy represent over **20%** of our revenue

4 sites achieved The Wildlife Trust's **Biodiversity Benchmark** certification

£4.7 million to **community and environmental initiatives** in 2013



The end?



Find out more about how we are resourcing the world, on our sustainability site:

www.veolia.co.uk/sustainabilityreport