

A SCIENTIST just like me



Erusa Adizie
Innovation Engineer

A SCIENTIST just like me

Hi there! I am Erusa Adizie – An innovation engineer



Where do I work?

I work for a renewable energy company. It produces around 6% of the UK's electricity from renewable resources such as sustainable biomass (plant materials) and water.

What did I like doing when I was at school?

I was always a technical person and maths was probably my favourite subject. I think that I always knew that I wanted to be an engineer.

What do I like doing in my spare time?

I really enjoy learning new things. Right now, I'm learning Mandarin in my spare time – it's a surprisingly difficult language!

A SCIENTIST just like me

What do I do as an innovation engineer?



As an innovation engineer, I work on projects that have the potential to reduce the harmful emissions produced by some power stations.

How does what I do make the world a better place?

The projects that I work on are directly linked to tackling climate change by reducing the amount of carbon dioxide released into the air from power stations. Climate change is an issue that affects everyone in the world and finding clean energy solutions is a really important part of how we deal with this.

A SCIENTIST JUST LIKE ME

What I like about my job



I really like investigating new energy systems. I work with a wide range of people: operations engineers, environmental scientists and designers. I love talking to manufacturers and research groups about the amazing things that they are working on. Every day is different, with new problems to solve.

Challenges I have faced

Sometimes I find out about some interesting technology that could be useful, but the price might be too high and it can be hard to say 'no' to people who are excited about what they have developed. Also being the only female engineer on a team can be tough – we need a lot more of us!

A SCIENTIST just like me

If you want to be an innovation engineer, you need:

- ✦ **to work in a team** - engineering involves working on projects with people that have their own areas of speciality that all come together to hopefully make a project a success
- ✦ **to have good communication skills**
- ✦ **to be logical**
- ✦ **to be creative** in coming up with solutions



A SCIENTIST just like me

Discussion time

- ✦ Would you like to be an innovation engineer like Erusa Adizie?

Why? Why not?



- ✦ What skills and interests do you already have that would help you become an innovation engineer?
- ✦ What new skills and knowledge would you need to develop?

A SCIENTIST JUST LIKE ME



Erusa Adizie is a STEM ambassador. Click [here](#) to access free STEM Ambassador support and resources.

Free supporting resources for engineering & climate science

Science at Work – see 'Isambard Kingdom Brunel' and 'Meet two engineers'

Engineering Our World – a series of activities for children aged 7-11 which use famous scientists and engineers as a spring-board for group-based engineering activities

Challenge Chasers Club – a series of challenges to solve for children aged 7-11

I bet you didn't know... articles & Teacher Guides. See:

- Toilets in the future may charge your mobile phone
- Water can be harvested from the air in very dry climates
- It's raining all over the world – extreme weather connections

Created by the Primary Science Teaching Trust

