



Why is my train always late?

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The Rail Industry



Britain has the fastest growing railway in Europe




Today, nearly **20%** of all European passenger journeys take place within the UK

UK rail: the facts

 Track kilometres **32,000**

 Stations **2,500**

 Trains **4,000**

 Daily services **20,000**

 Passenger kilometres **58 billion**

 Passenger journeys **1.5 billion**

 Freight tonnes **110 billion**



More people and more goods than ever move by train today. The number of passenger journeys rose by more than 50% in the last decade, and in 2014 over 1.6 billion passengers used the rail network.



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**UNLESS WE ACT NOW,
WILDLIFE POPULATIONS WILL DECLINE BY 67% BY 2020**



STAFFAN WIDSTRAND/WWF



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LIVING PLANET REPORT 2016
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www.wildlife.org.uk

THE BEE CAUSE




JOIN THE GREEN SIDE



Helping to make rail greener

Michelle Popperman from RSSB explains what it's doing to help shape the future of sustainable development in rail

The UK railway is going green and it's not just about the carbon in the wheels. It's about the carbon in the rails, the carbon in the tracks, the carbon in the power that runs the trains. And it's about the carbon in the people who work for the industry. At RSSB, we're leading the way in helping to make the railway a greener, more sustainable business.

Our new Green Rail Strategy sets out our vision for a greener railway. It's about reducing our carbon footprint, improving our energy efficiency, and using renewable energy wherever we can. We're also working to reduce our water consumption and our waste. And we're committed to making our buildings and our offices greener too.



Michelle Popperman is a senior manager at RSSB, responsible for the railway's environmental strategy. She has worked in the industry for over 10 years and is passionate about making the railway a greener business. She is also a member of the Institute of Environmental Management and Assessment (IEMA).

A LITTLE BIT
ABOUT
me...



The railway is a vital part of our infrastructure and is essential for the growth of our economy. It's also a key part of our transport system and is helping to make our country a greener, more sustainable place to live and work.

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13th UIC Sustainability conference



VIENNA 2016

12, 13, 14
October 2016

UIC OBB

SUSTAINABLE GOALS

Dept for Transport @transportgovuk · 23 Jun 2015
Meet Michelle and Octavia from @networkrail inspiring the next generation of women in engineering #NWED



MICHELLE & OCTAVIA NETWORK RAIL 0:01 / 0:19







Hints and tips for the future



Understand **what motivates you?**

Travel? Money? Conservation? Office based?
Analytical? Research? Projects? Government?

Get **networking.**

Everyone hates it, but there is no substitute for it. The mantra of 'it's not what you know it's who you know' will prove itself!

What to **study?**

Focus on the **hard skills** (math, science, design, engineering, environmental economics, etc.) that pertain to your area of interest.

These are more marketable, are likely going to pay more, and are more difficult to learn/master once you are out of a college environment.

Hard **Work.**

Fall seven times but stand up eight.

**If you
want it,
work for it.
It's that
simple.**

Thank you