

# A career in the railway business ?

Centre for Rail Technology - DTU

Mihai Blagniceanu – Structural engineer

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# Introduction

# Who am I ?

## **Mihai Blagniceanu** – MSc. Structural Engineer

- “Politehnica” University of Timisoara, RO (Bachelor 2007-2011)
- Technical University of Denmark (DTU), DK (Master 2011-2013)
- Working at Atkins from 2014



# Atkins at a glance

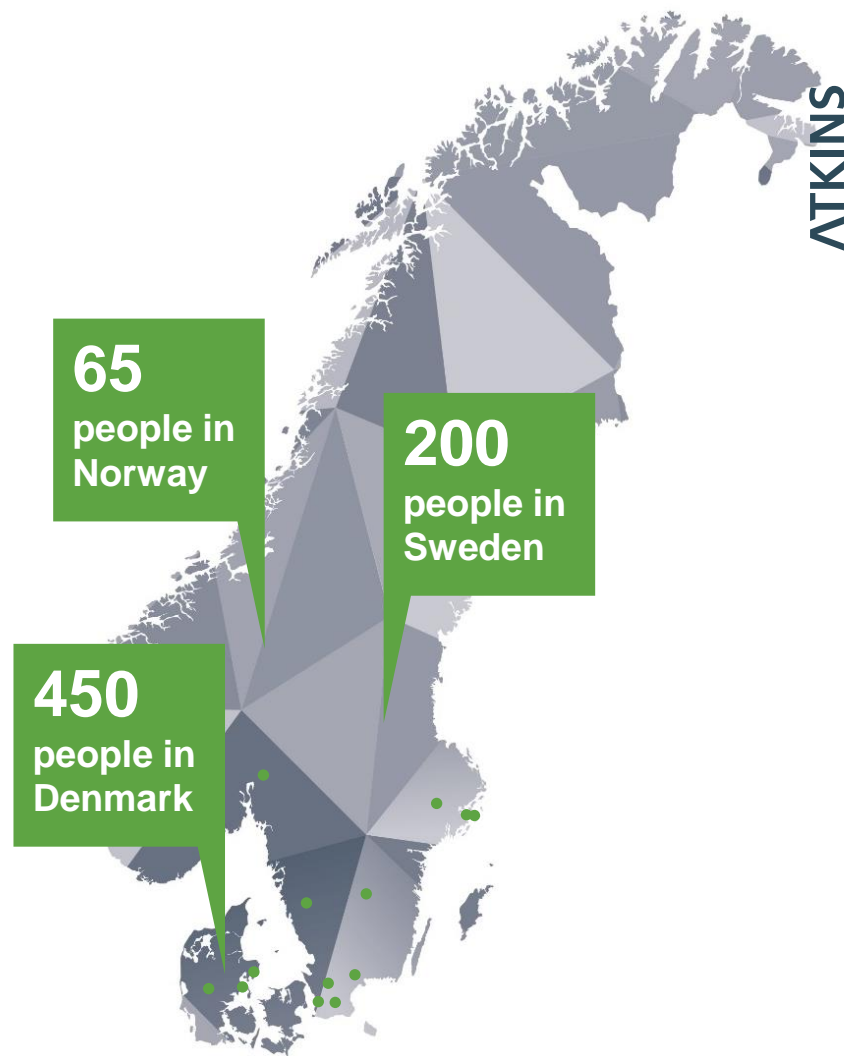
Atkins is one of the world's most respected design, engineering and project management consultancies.

## Key facts:

- Established in 1938
- 18,052 employees worldwide
- The world's 11<sup>th</sup> largest global design firm
- The 4<sup>th</sup> largest in Europe
- UK's largest engineering consultancy

**700**

People employed in Scandinavia



# The road from student to employee

# What I would do differently ?

As a student:

- Internships
- International experience
- Networking
- Develop my personal skills
- Learn programming
- Keep an eye on the latest technologies



# Current and past projects



# Projects I worked on

## TP40 – The new railway Copenhagen - Ringsted

### Project facts:

- Earthworks for 18,3 km
- 13 one span sheet pile bridges
- 6 bridges with more than one span

### My involvement in the project:

- Interpretation of geotechnical reports
- Design of substructures such as: sheet pile walls, piers, concrete abutments etc.



## Cross Rail United Kingdom

Detailed design of twin bored tunnels including design and specification for Tottenham Court Road and Custom House stations and Plumstead depot





## Dubai Metro United Arab Emirates

Full multidisciplinary design and civil works including geotechnical and site investigations together with construction supervision

## Kolkata Metro India

Concept, preliminary to detailed design of 3.5km  
twin tunnels and 3 underground stations.  
Tunneling, geotechnical, station  
design, structure, MEP

# Thank you

If you'd like to find out more visit:  
[www.atkins.dk](http://www.atkins.dk)

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