

A career in the railway business ?

Centre for Rail Technology - DTU

Mihai Blagniceanu – Structural engineer

Table of content

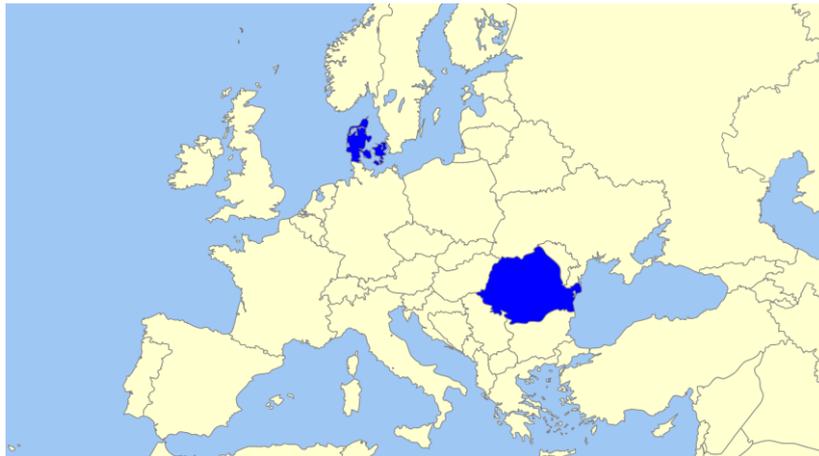
- Introduction
- The road from student to employee
- Railway projects within Atkins

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

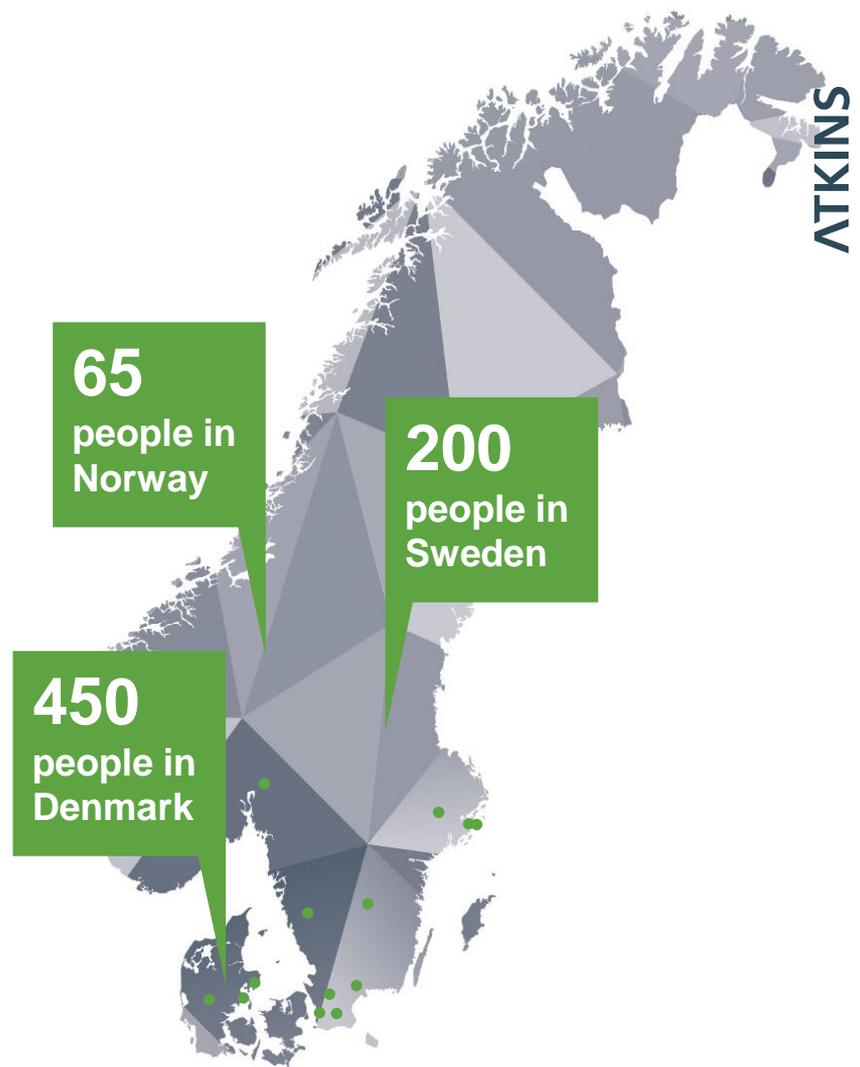
Atkins is one of the world's most respected design, engineering and project management consultancies.

Key facts:

- Established in 1938
- 18,052 employees worldwide
- The world's 11th largest global design firm
- The 4th 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:

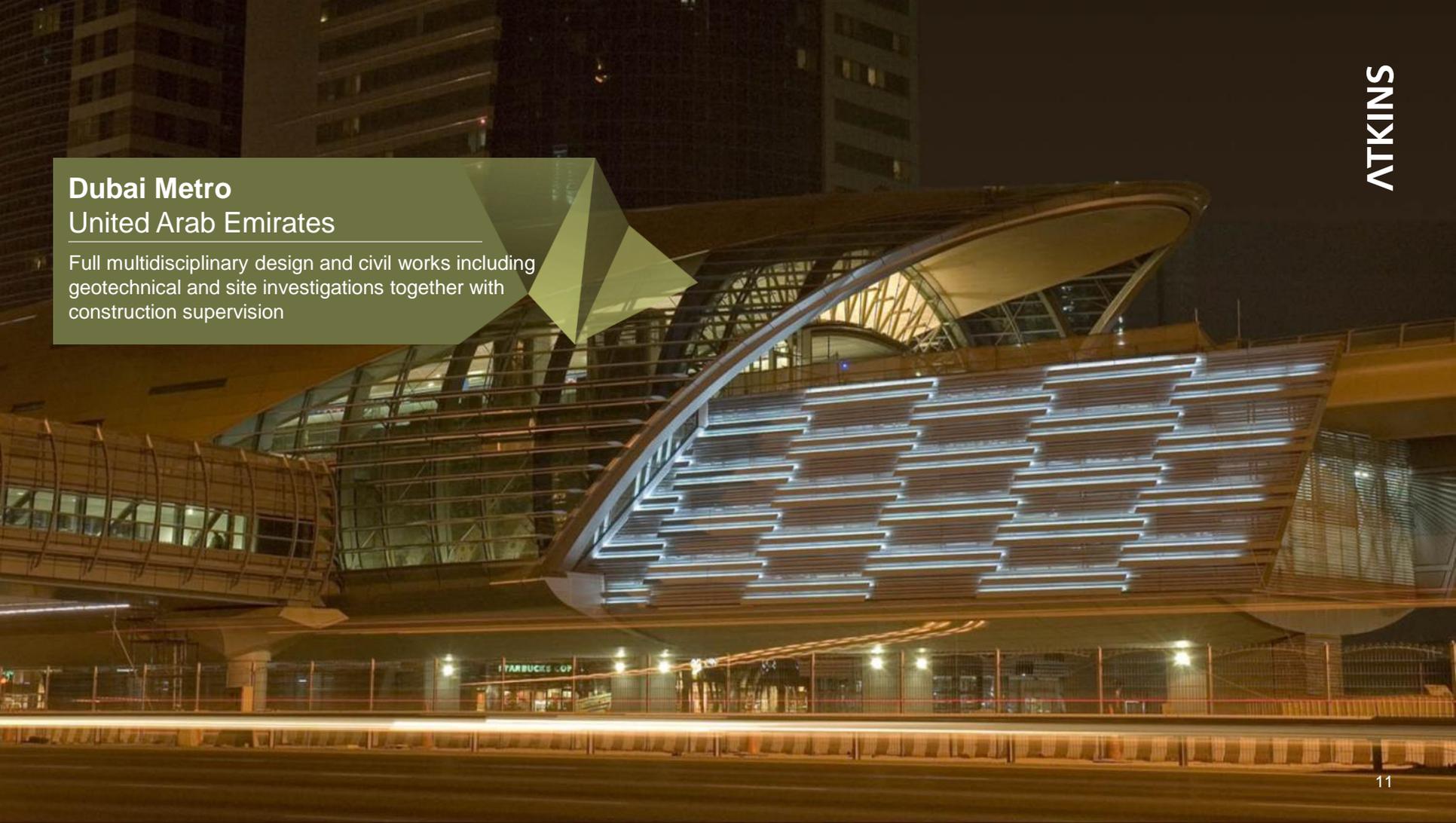
- Interpretation of geotechnical reports
- Design of substructures such as: sheet pile walls, piers, concrete abutments etc.





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

© Atkins Limited except where stated otherwise.

The Atkins logo, 'Carbon Critical Design' and the strapline
'Plan Design Enable' are trademarks of Atkins Limited.