Transport Day Marrakech

Session 1A – Transport adaptation and resilience

13th November 2016
This presentation brings some general points and concepts, on:

Organisational Capacity
Skills
Standards

Shows ‘Governance’, ‘Leadership’, ‘ Commitment’ in the ‘mix’

Highlights areas of good practice

Points towards adaptation by default
What’s important?

Adaptation Considerations

- Risks
- Opportunities
- Operational impacts
- Organizational resilience
- Dealing with impacts
- Policy and strategy
- Uncertainties
- Stakeholders
- Legislation

Governance

- Standards
- Finance
- Policy

Organisational Capacity
Organisational skills and capacity

- Leadership and commitment
- Resources and processes
- Embedding knowledge and learning in decisions
- Competence
- Communications
- Flexibility and responsiveness

How mature is your organisation in these areas?
Engineers deliver Adaptation solutions.

They use their ingenuity to solve problems.

This is needed in a way that’s never been needed before, avoiding the ‘above 2° scenario’ – aim for <1.5

We need Engineers to adapt our Transport Systems

**Engineers work to Standards!**
Standards are important!

Leadership, Policy, Finances mentioned ...

- For Engineers, Standards are important... *examples being*
  - ISO
  - CEN/ Cenelec
  - BSI
  - Business rules for individual organisations

*Following Standards is ‘Business as usual’ for Engineers...*

*Transport organisations can, and do set the Standards*
In conclusion

- Don’t let climate projections and uncertainty be a brake on adaptation investment
- Think about current resilience
- Think about infrastructure life cycles - adapt at renewal of assets
- Build infrastructure that can be easily adapted later!
- Write the Standards to cover these
- Build organisational capacity to understand weather impacts on services now, and in the future

Make sure your leadership understands all this, and builds capacity, skills, and sets the Standards

This way, accelerated adaptation can happen – and by default!!
Thank you..