



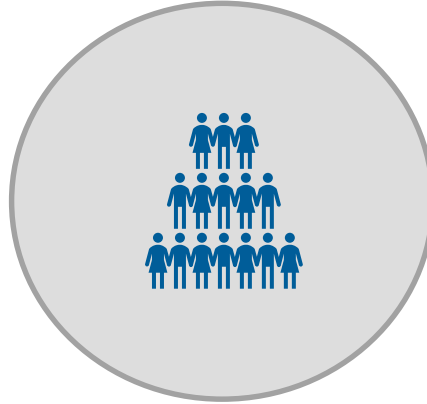
**Traffic will be between 27% and 57%  
higher in 2040 than it was in 2013**



**9.37 casualties per hundred million vehicle miles**  
**AFR of 0.05**



**Globally, productivity increase of only  
1% in 20 years**



**In roads, we will need an additional  
41,000 people by 2025**

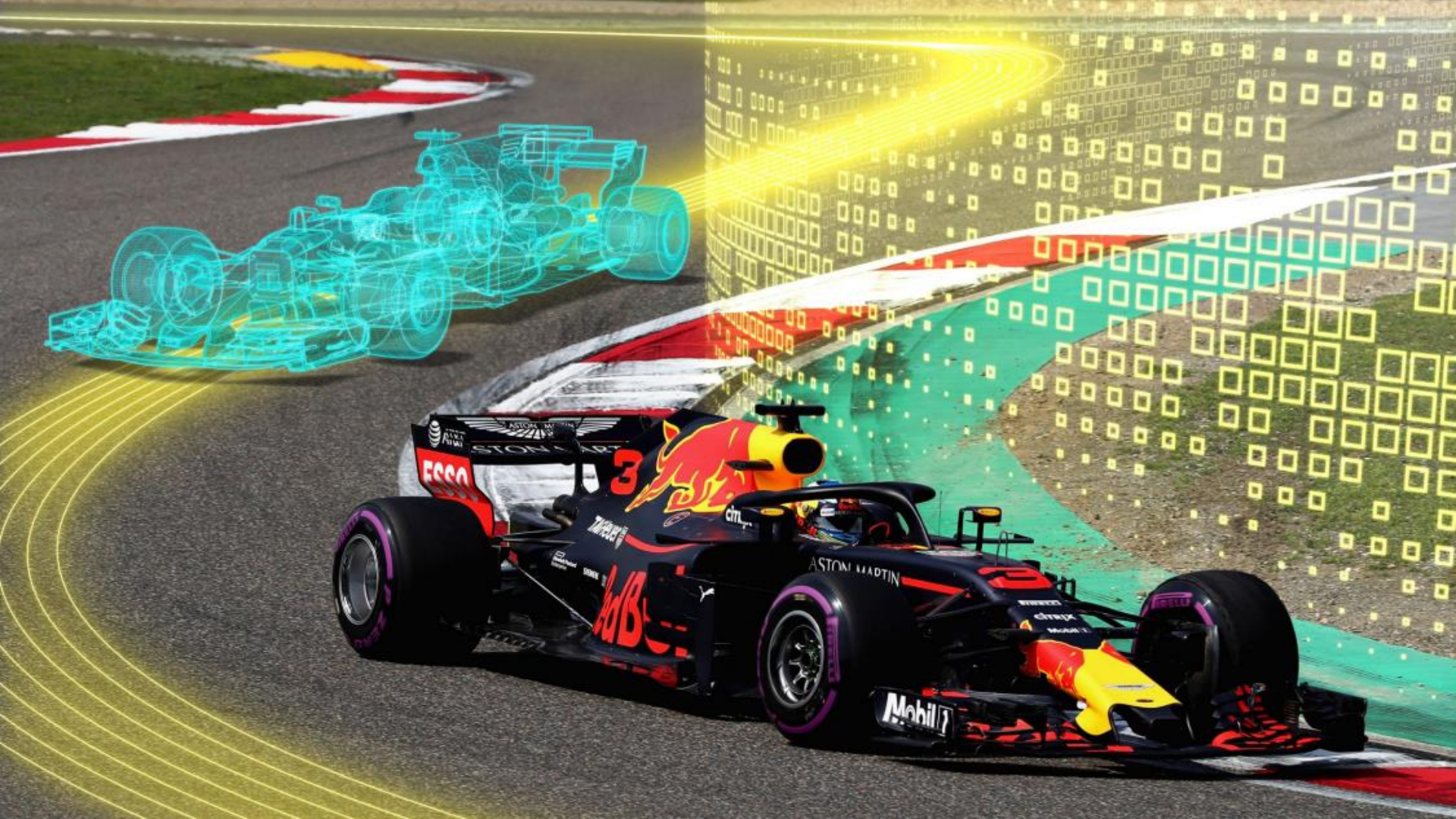


Ellie Wilson, Head of Digital Transformation |  
Balfour Beatty | Highways

**The case for change – digitally transforming  
the roads sector**







# Digital Transformation Strategy

Group

25 by 2025

Site of the Future

Highway's Digital Strategy

## Digital Strategy Narrative

1

'Getting Consistent & Digital'

Process Re-engineering

2

'Driving Efficiencies'

Moving Construction Away from Site

3

'Future Opportunities Around Predictability'

Advanced Robotics

making better decisions quicker

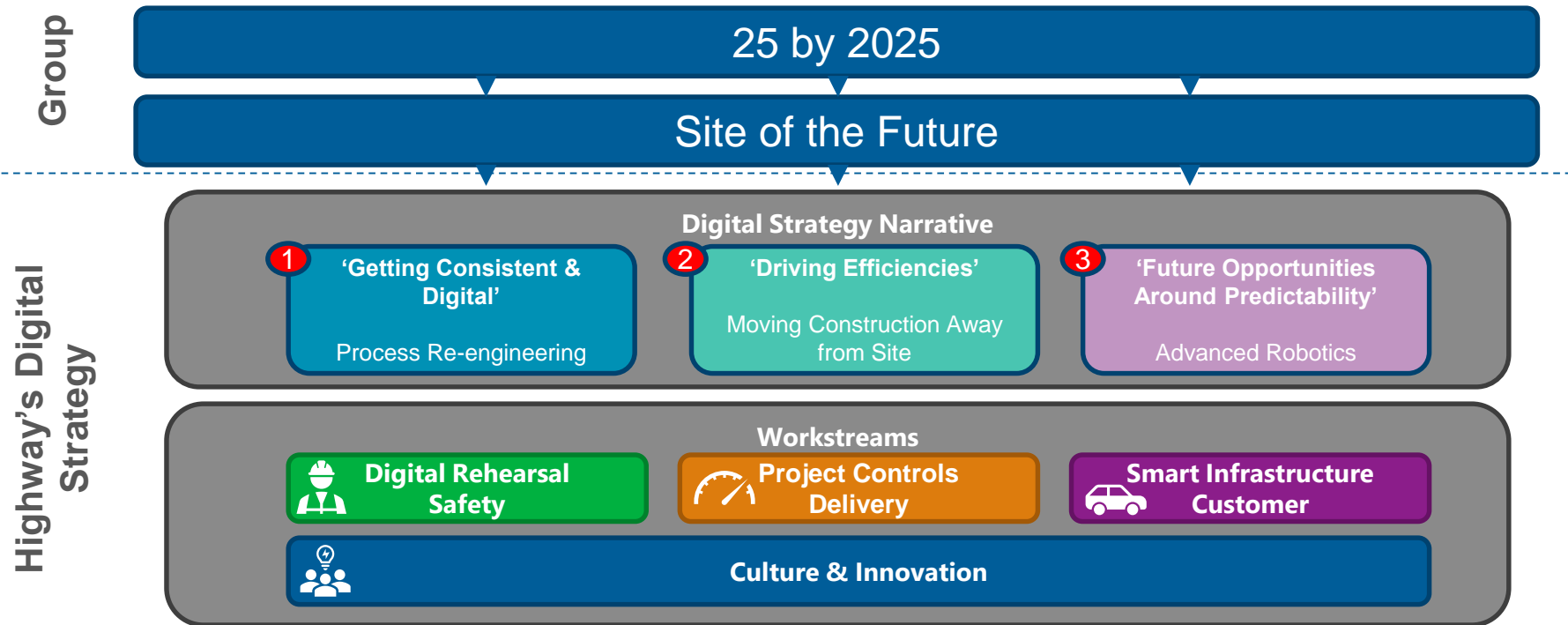
We will  this through, accessibility to interconnected data, utilising  and  technology supported by a culture

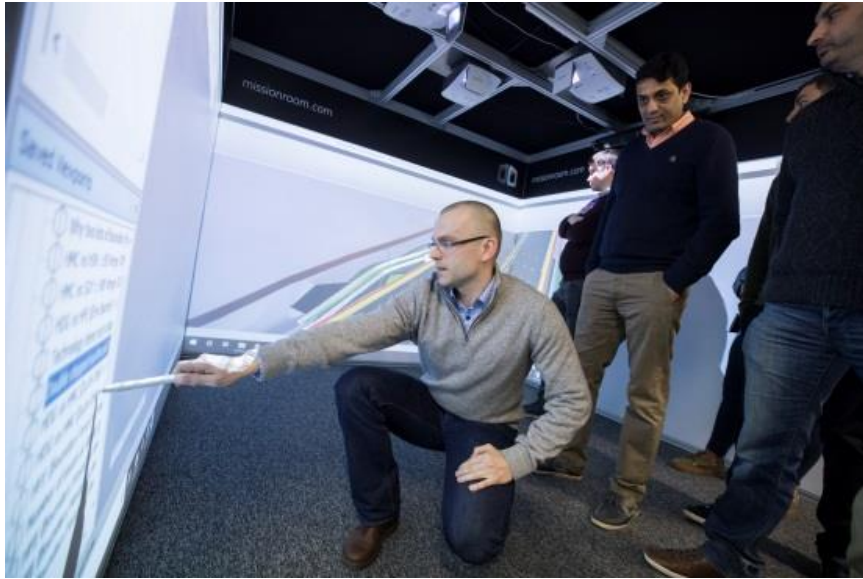
- Create a platform for innovation rolling out a
- Capture and deploy
- Create a platform for innovation rolling out a





# Digital Transformation - Plan





Digital Rehearsal  
Safety





 Project Controls  
Delivery



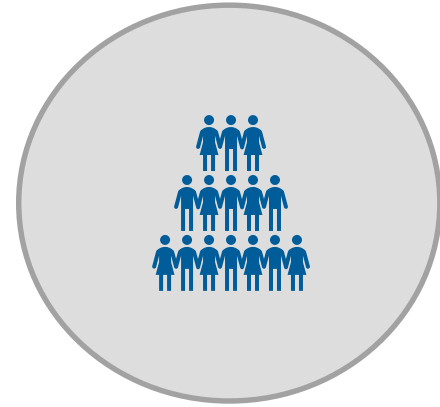


 **Smart Infrastructure  
Customer**





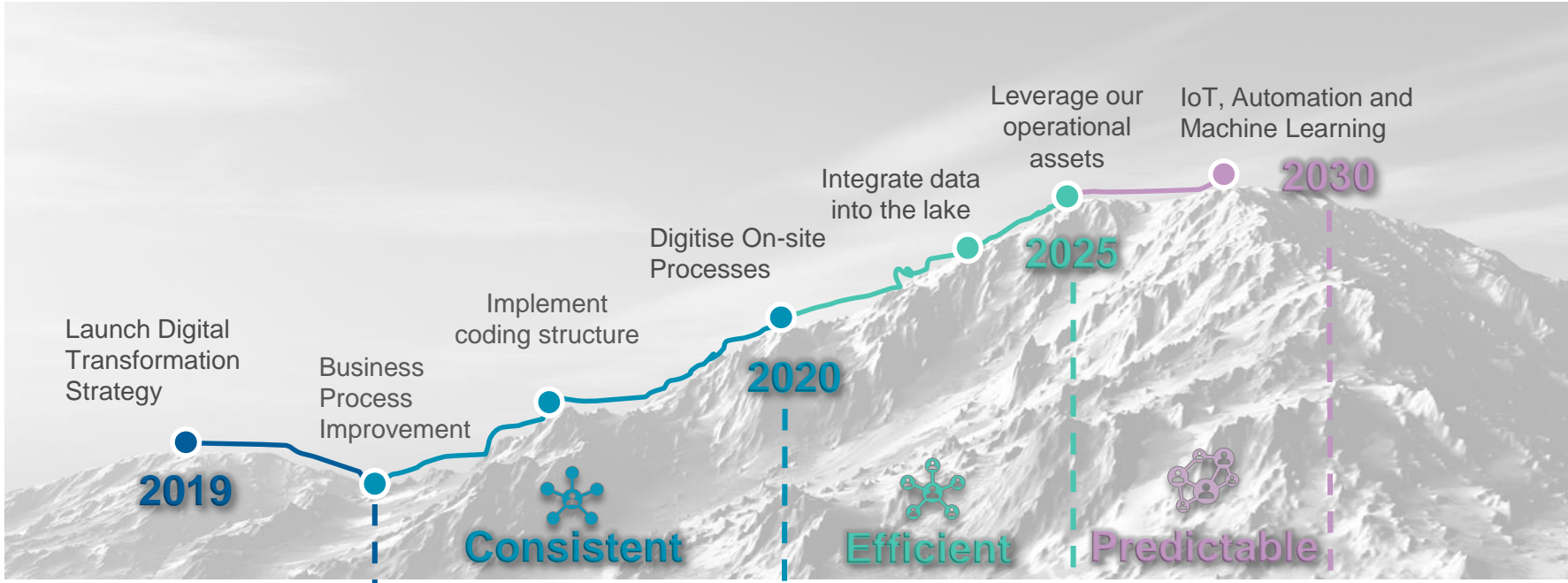
 **Culture & Innovation**



**Traffic will be between 27% and 57%  
higher in 2040 than it was in 2013**

# Digital Transformation

## Journey





Are you ready to  
make the change?



**Balfour Beatty**