

About me



ED ARNOLD

Head of Planning & Project Controls, VolkerRail



VolkerRail at glance...



leading multidisciplinary railway infrastructure contractor **7** business divisions



Major Projects



- Design
- Metro and Rail projects
- Piling
- Plant
- Power
- Signalling

900+
employees



VolkerRail is one of the UK's leading multi-disciplinary railway infrastructure contractors, with a successful track record of delivering small contracts to joint ventures and alliance projects in excess of £1bn across the UK's national rail network.

Our detailed understanding of the industry come from years of experience on main, branch and light rail networks; freight lines, depots, sidings and private industrial locations. Our skills range covers every aspect of permanent way renewals, maintenance and track construction, overhead line electrification, HV and LV power distribution and signalling. This includes design, plan, supply and installation works, which can be delivered either individually or as part of a fully integrated project; all of which are enhanced by our fleet of plant equipment. This includes OTM and S&C tampers, Kirow rail mounted cranes, ballast regulators, beaver lightweight tampers, RRVs and Colmar lifting machines, as well as an array of rail mounted support and inspection vehicles, specialist welding equipment and an extensive range of small plant and equipment.

Why **O365?**



"If we stand still, we will actually be going backwards"



OUR APPROACH TO DIGITAL CONSTRUCTION AND INNOVATION



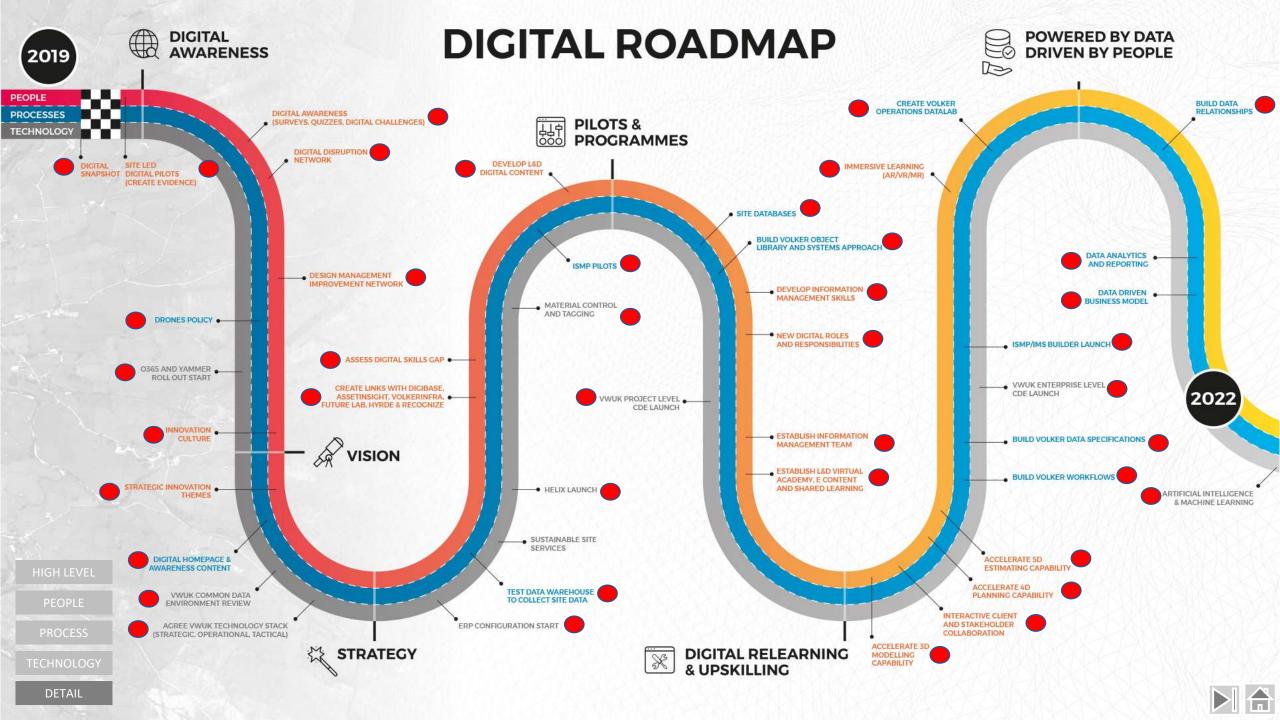
Empowering our people to work smarter, create more time for thinking and have a better work life balance.

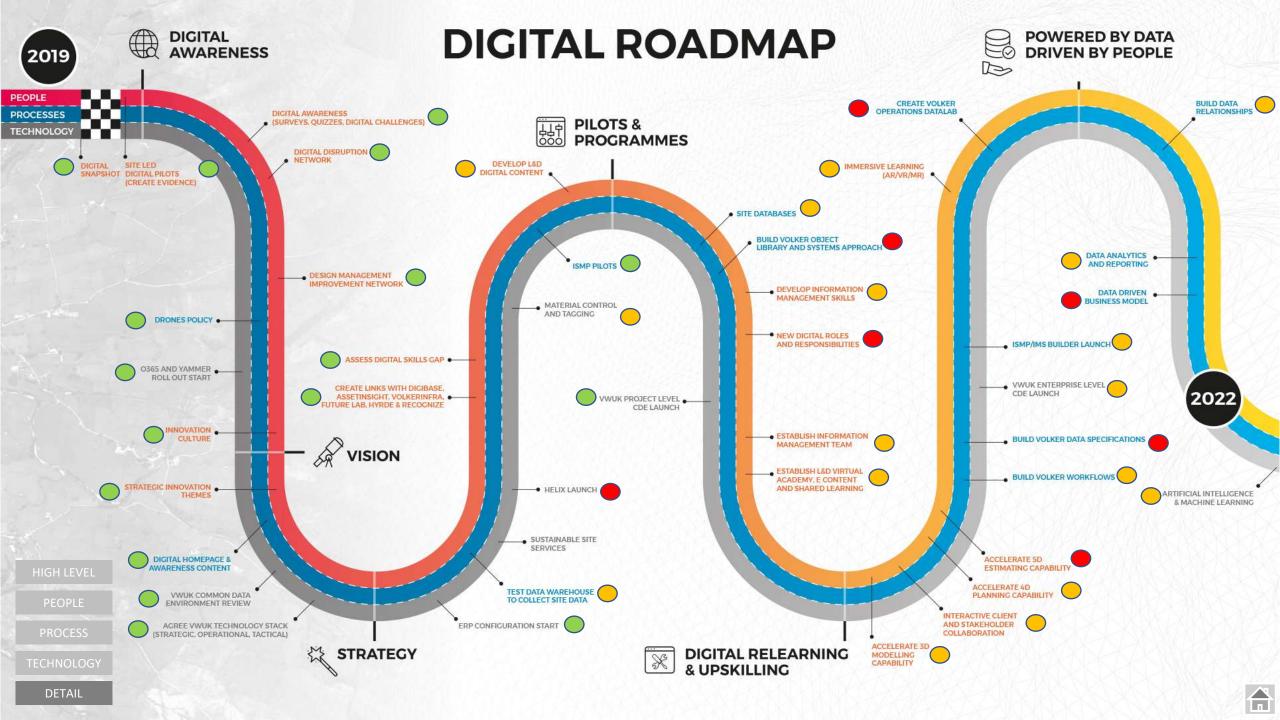


Tomorrow Now











If we improve digital awareness, drive adoption and choose the right technology we will still not be successful.

We need a data management strategy if we are to become a company which is



POWERED BY DATA DRIVEN BY PEOPLE

Our digital highlights



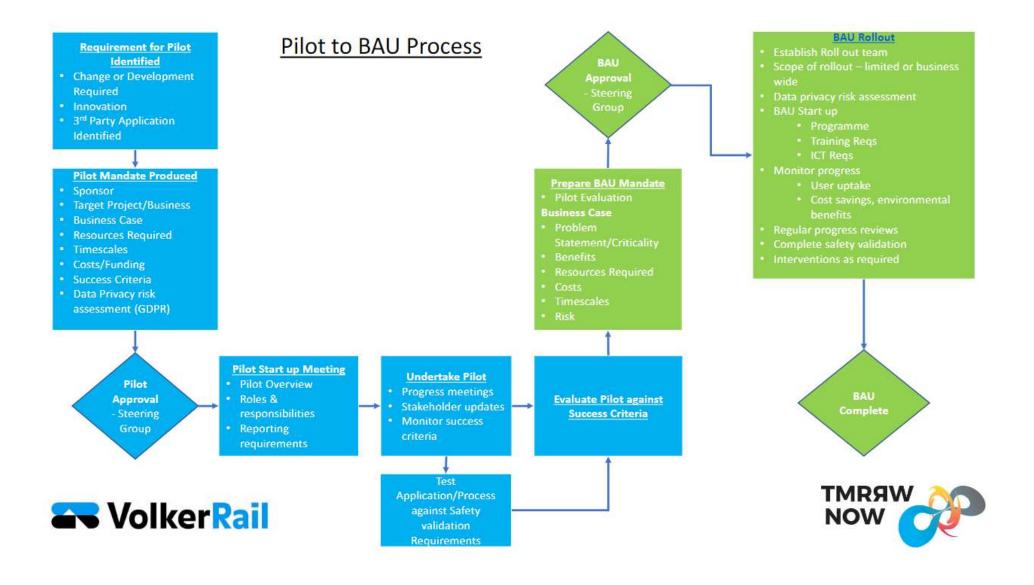
Digital Team of the Year 2019



Development of our National Disruption Network



Our Pilot Process



Applications



















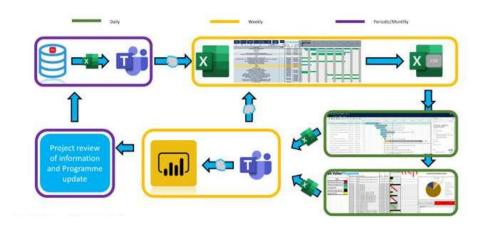




VolkerRail – Digital Construction

- Deployment of site based applications across the business
 - Robust data collection
 - Site to office data flow & back again
 - Real time progress data
 - Reduction in paper and unnecessary traveling
 - Ground up adoption
- Development of tools for the collection, communication
 & consumption of project & business data
 - Common Data Environment linked our scheduling platform
 - Use of Office 365 Power Platform Power Apps, Automate & BI







Lessons Learnt



Senior management buy in + messaging

People helping People

Support **curiosity** and **experimentation**

Balance chaos with structure

Traditional and radical training

Provide **helpful guidance** on what to use when

Supply technology that just works

Demonstrate business **efficiency** and **time** savings