

Innovation Work Winning Input

Sponsors – Emma Rees, Zainab Dangana

Integration and leverage of AI - 2

- Data management and collection
- Data based decisions

Understanding and alignment of innovation for the customer - 1

Innovate a new procurement route that reduces risk and adds value

‘product innovations’

PMV, Off Site, Supply Chain integration, partner innovations – use derisked, proven innovations - 3

Central place to share innovation

- Trial new products/learn from failures
- Intranet sites

MMC:

- new approaches, not just old ideas e.g. unitised cladding, piecemeal frames
- Pre Fab – make opt out, not opt in
- More with SES
- Cross selling between divisions/SmartSpace

Innovation checklist approvals

Using AI to drive efficiency - 2

Explore what our competition is doing

Look at innovation outside of the UK/Industry

Employing people with innovation expertise outside of construction

Understanding what is important to the customer in terms of innovation

Is our innovation ‘outdated’ - 1

Does our innovation have a meaningful impact

Invest in more training for our existing staff - 3

Understanding clear parameters on how we can use AI
Understand what our supply chain is doing
Integrating innovation initiatives throughout the whole company
Engaging with the WTET teams more
Effective trialling and roll out of innovation – Certinia
How are people sharing their ideas? Rewards for employees?

Machine learning/AI for repeatable tasks and risk management - 1

Training to better leverage technology/digital tools

Proactive not reactive – look forward not back – incremental gains - 2

Digital twins (by default) – virtual build before site delivery
Bridge to existing innovation – in house and in market
Strategic focus – value based – controlled risk management

Be brave – fail fast/fail forward – pilots - 3

Explore systems/materials alternatives
Sustainable innovation
Kit of parts/modular DFMA
Optimised logistics
Inspiration from other industries

Why? Purpose? Why do we need to be innovative? - 1

Adoption of AI – automation is key
How are we using it
Leverage for benefit
Competitors are already using it
Longer term focus
Bid – how much AI used?

Innovation offered to client – clients needs are to think how we use - 2

Innovation in Wates DNA?

Comms – does everyone know what is currently happening?

Solutions for problems that client ask – Scape

Invest in Risk (failure) – WIN Portal – 3

Standard programme model to close out design

Info delivery plan for every job

Predictability

Get basics right

Digital Info/Data

New materials with benefits to client

Augmented reality – Quality

Lots of software and systems – rationalise and simplify – no more bolt on's

Salesforce Einstein for supply chain! – don't overly worry about data, we could just do last 3 or 5 years

Pay lots of consultants – what are they doing for others

Do we need to be more outward with innovation – sell it well/do it bad

TEC team too focused on internal governance and compliance than showing ideas and benefit

Digital twin – area to promote/understanding

Innovation and sustainability = projects

'TEC Talks' – better understanding

Next big thing for TEC – AI? Decarb?

Need cost data and benefit £'s – examples for innovations

Not just Tech

Think outside the box – find a better way

Increase digital maturity across whole business

Take risks – AI not just Co Pilot – safety on site

What is digital in 2030...2035?

Understand the basics to allow measurement of innovation and improvement

WIN portal

Data driven

Interoperability

Innovations in working patterns to maximise productivity, improve morale, attract and retain the best talent (and reward it) (and celebrate it)