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Infrastructure
and Projects
Authority



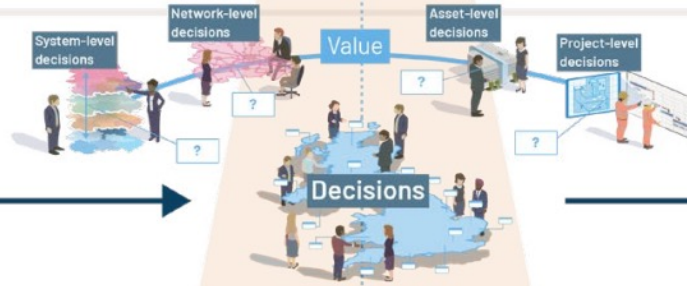
Transforming Infrastructure Performance (TIP) Roadmap to 2030

Societal outcomes



Priorities

Policy



Systems of Systems





Centre for Climate Repair Cambridge

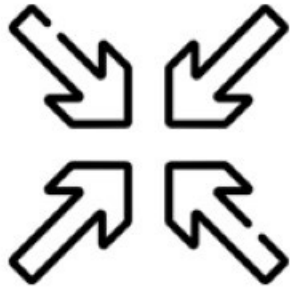
Deep and rapid
**emissions
reduction**

**Greenhouse
gas removal**
at scale

Restoring
damaged
climate systems



How are we doing?



The probability of delivering a major project within cost, time and benefits is 0.5%



Productivity across the construction sector has stagnated



The major blocker to including GHG reduction and climate adaptation in design: “it’s not part of the project brief”

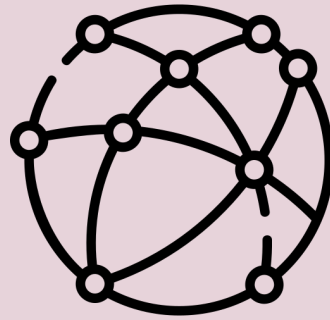


How do we want it to be?

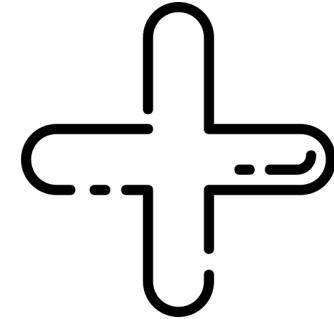
Imagine a time when....



We value the human factors in project delivery and release humans from repetitive tasks & the activities machines are simply better at



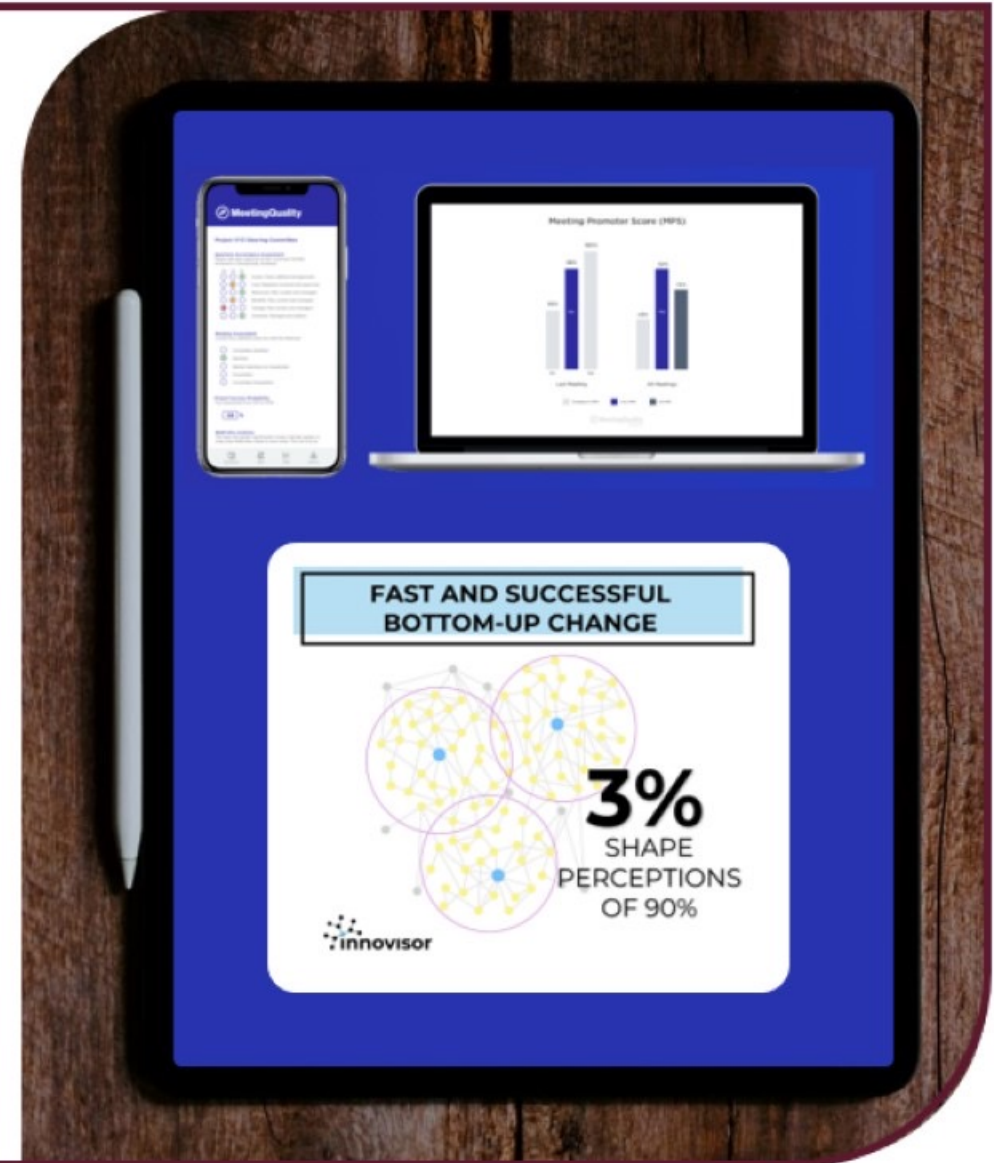
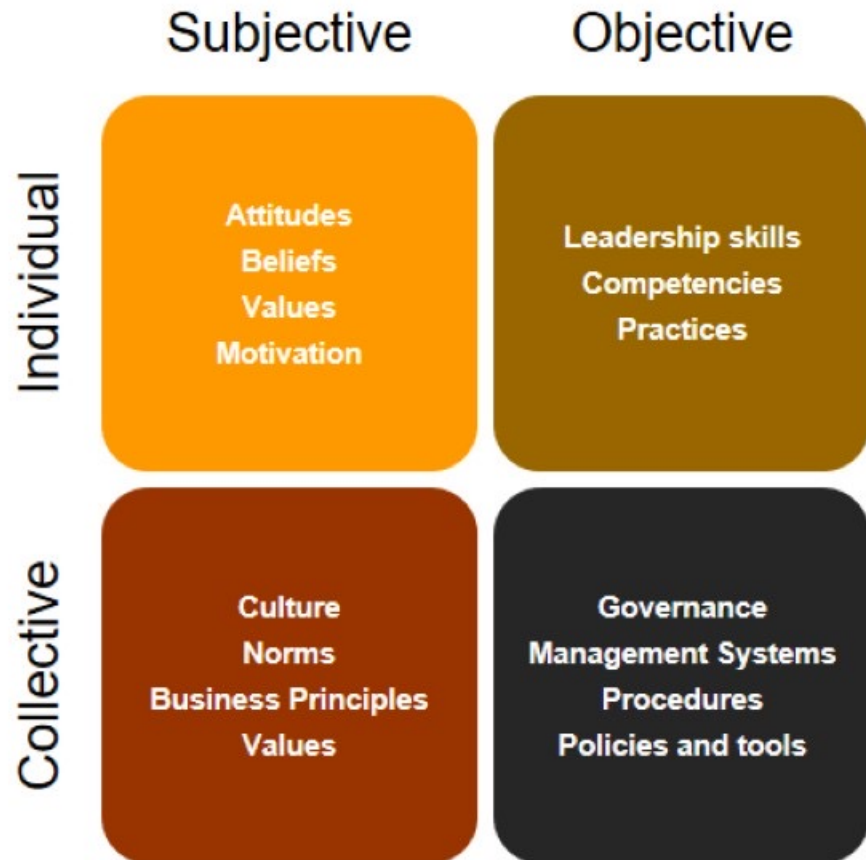
We drive out waste and accelerate improvement in performance through the pooling of data at scale



Every project delivers benefits far beyond their original stated purpose



Human connections



Psychological safety

Psychologically Safe Teams...

Speak Up and Share Ideas

Personally Connected

Courageous

Embrace Diversity

Inclusive

Learn from Mistakes

Create Purpose

Candid and Honest

Appreciate each Other

Trust each Other

Consensus Driven

Professionally Focused

Want to Please

Seek Consistency

Defer to Leadership

Avoid Failure

Require Purpose

Nice all the Time

Have Relentless Expectations

Cautious to Trust

Psychologically Unsafe Teams...

Pooling data across project delivery

“This ambition is a bold one.... by working together there is an opportunity to democratise solutions and accelerate the pace of change.”

Andy Murray
Executive Director,
Major Projects Association



Delivering benefits for the greater good

Boston barrier flood risk management scheme



“Over the last two hundred years humans have comprehensively demonstrated that they can change the climate – and we have changed it for the worse by doing the wrong things.

Now let’s show we can change it for the better by doing the right things.”

Sir James Bevan

Former Chief Executive Environment Agency

