

# WFEO – Energy Committee conference

# A systems approach to infrastructure delivery

Wednesday 6th October 2021





A Systems Approach to Infrastructure Delivery
A study into the delivery performance of complex projects

Andrew McNaughton Review Chair



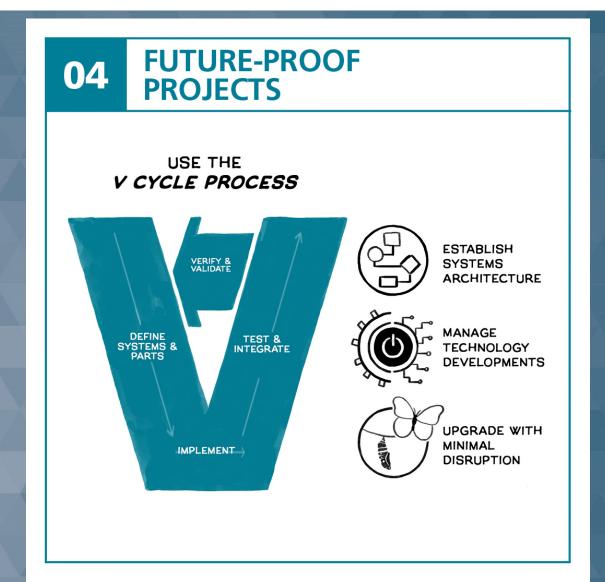


#### THINK OUTCOMES, NOT EDIFICES THINK OUTCOMES NOT EDIFICES PROTECT REDUCE **IMPROVE EMPLOYMENT** ECOSYSTEM POLLUTION LOCAL AREA **OPPORTUNITIES** AMINAS Maria Maria A SEWER PROJECT SEWAGE TREATMENT WORKS OWNERS MUST CLEARLY DEFINE OUTCOMES SO ENGINEERS & TECHNOLOGY DEVELOPERS CAN DELIVER FOR THAT USE

#### **CLOSE** 02 **THE GAP** INFRASTRUCTURE SECTORS ADAPTING BETTER TO **TECHNOLOGICAL** CHANGE THE CLOSE GAP CHERRY PICK BEST PRACTICES TO IMPROVE DELIVERY EFFICIENCY **PROTOTYPES**

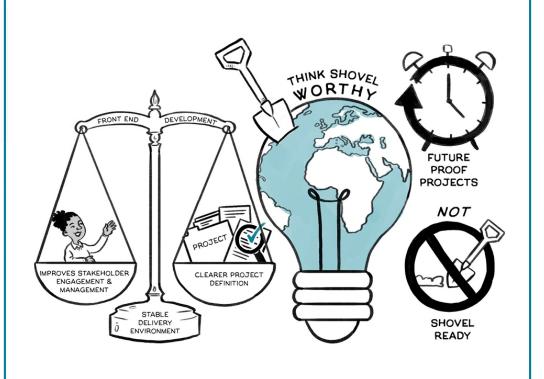


## **OWNERS MUST OWN PROJECTS** OWNERS MUST OWN PROJECTS GIVE CLEAR DIRECTION FUNCTIONAL REQUIREMENTS TECHNOLOGY & INNOVATION RISKS DATA REQUIREMENTS





## THINK SHOVEL WORTHY, NOT SHOVEL READY



### BAKE IN SYSTEMS THINKING





DESIGN AN
ORGANISATION
AND STRUCTURE
THAT MIRRORS HOW
YOU'RE GOING TO
MANAGE RISK



