

# Yorkshire Water Innovation Operating Model May 2020

## **Definition of Innovation**

"Innovation is to make changes in something established by introducing new methods, ideas, or products". – Google













## Innovation in YW and the Innovation Team

### Innovation in YW is....

 the implementation of new ideas and solutions that address current and emerging risks, delivering Resilience, Performance Improvement and Business Growth;

 and is supported and sustained, by a culture that encourages unorthodox thinking, and its application.

### The Role of the Innovation Team is....

• to identify, create and evaluate new ideas and solutions in order to de-risk their implementation through Business-as-usual processes.













## **How the Innovation Team operates**

- We are fully integrated into business teams and processes through relationships and engagement;
- We develop and deliver a programme of Transformational and Incremental Innovation projects, prioritised on business risk and opportunity;
- We are a hub of knowledge and expertise, which stimulates a creative culture that is collaborative, learns and shares knowledge;
- We lead and challenge the Supply Chain to deliver solutions to the current and future needs of the business;
- We utilise external expertise and networks to maximise knowledge generation;
- We provide expertise to influence and embed new solutions.





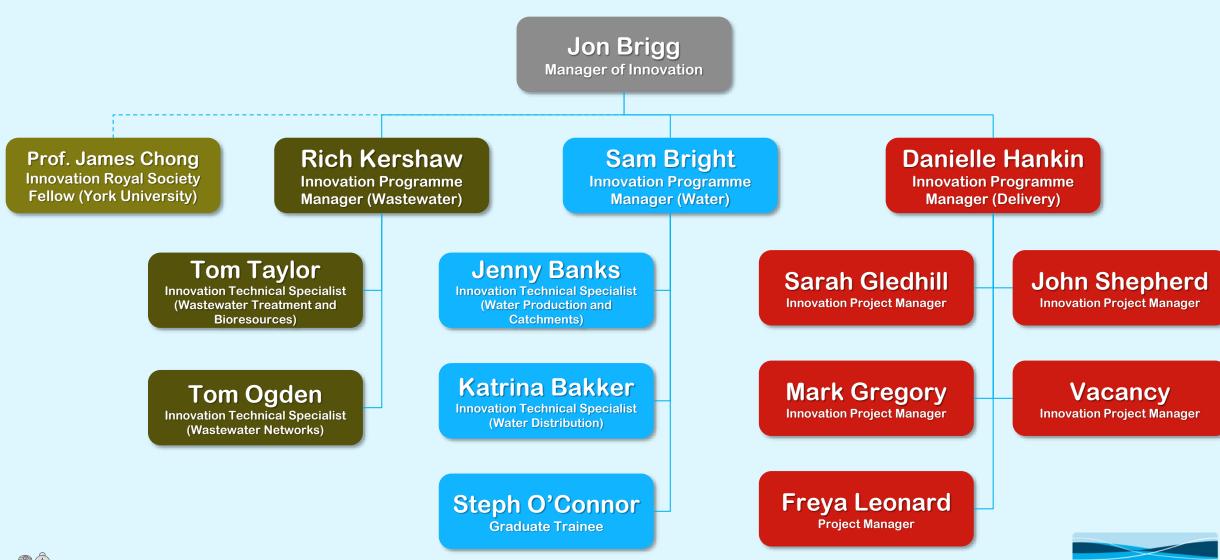








## **Innovation Team Structure**















# How we do 'Innovation' in YW (Innovation Culture)

### Sources of Business Risks, Opportunities and Ideas

Output of previous Innovation projects

Intelligence from external environment

Output of Asset Policy product review

Supply Chain Opportunity

**Business Risk** identified internally

**Asset Strategy** 

Growth opportunity

1. Clearly Articulated Business Risk or Opportunity

What's the problem that needs to be solved?
What problem does the idea address?
How big is the problem / how beneficial is the solution?



It's in everyone's gift to identify a need and make the change personally, as a Team or with wider Business support, or if external support is needed.....



Engage Supply Chain to identify and deploy proven 'at-market' solutions (TRL 8-9), or if proven solutions aren't available....



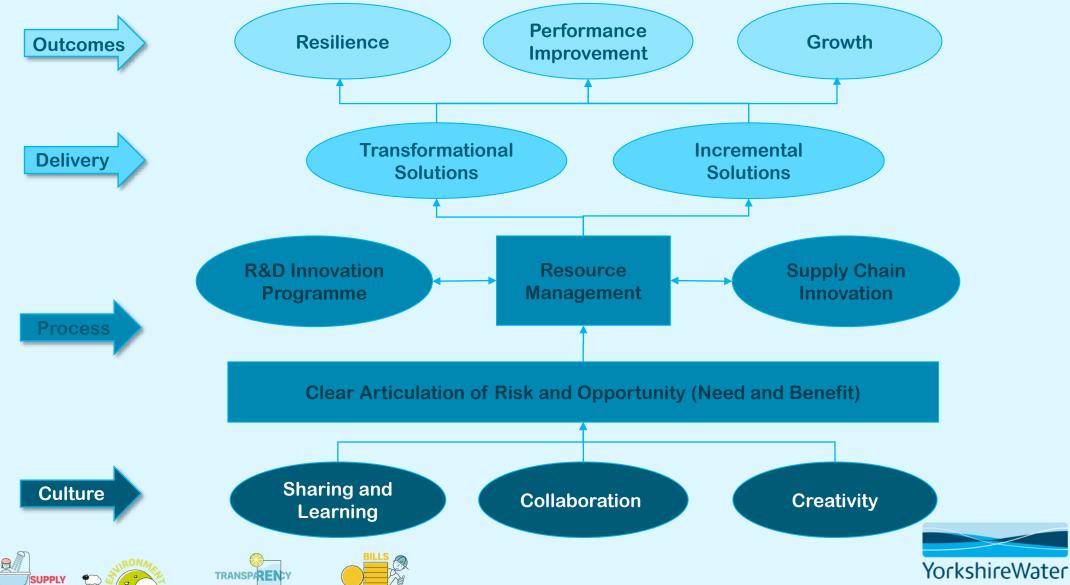




4. R&D Innovation

The purpose of the Transformational and Incremental Innovation programme is to fill gaps in **KNOWLEDGE**, **TECHNOLOGY** and **SERVICES** (TRL 1 – 7)

## **AMP7 Innovation Strategy Map**













### **Innovation 7 Circle Model**

To deliver world class innovation by understanding current and future business risks, developing and deploying opportunities to deliver Resilience, Performance Improvement and Business Growth

#### **INTELLIGENCE**

**Exploration and** horizon scanning internally and externally

#### **DRIVERS**

A justification for investing. Is there is business risk or opportunity?

### **Innovation led**

#### RESEARCH

Create, discover or verify information. TRL 1 - 5

### **DEVELOPMENT**

The progression of research. Development, testing, evaluation of a novel solution or process. To 'de-risk' the Implementation further Research. TRL 6 - 7

#### **Business led**

#### **IMPLEMENTATION**

Implementation of new ideas and novel solutions that address current and emerging risks. TRL 8 - 9

### **BUSINESS AS USUAL**

The process accepted way and is wholly owned by the

### **RETURN ON INNOVATION INVESTMENT**

Benefit to the Business, over 10 years, of the investment in Innovation.







solution available?







what are the benefits and projected ROI?



