

# G-Cloud 15

# Digital strategy and transformation

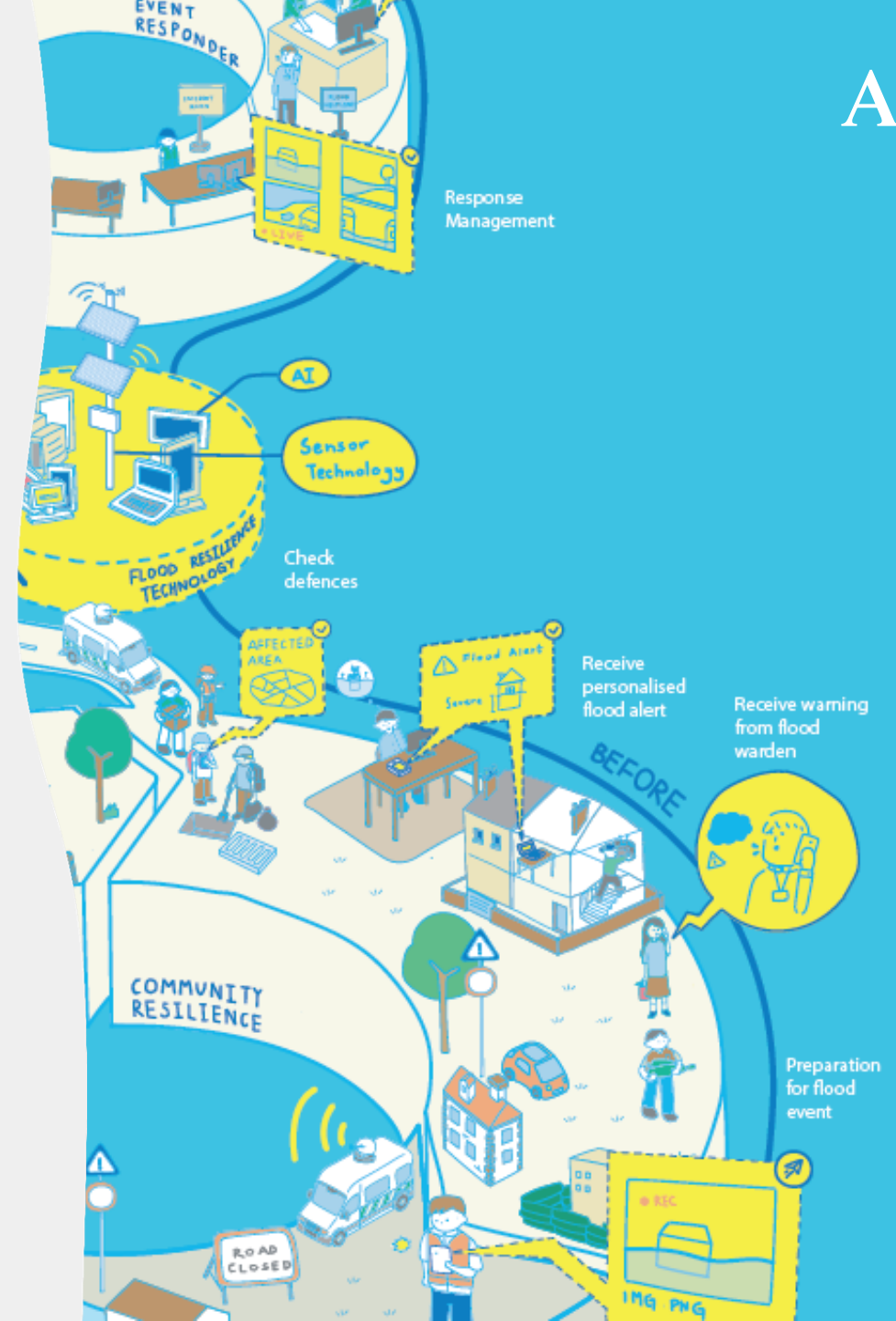
G-Cloud 15

Service definition document

# Our firm

Arup is a global collective of designers, consultants and experts dedicated to sustainable development, and to using imagination, technology and rigour to shape a better world

ARUP



# Our aims

The aims and principles laid out by Sir Ove Arup in his Key Speech, continue to underpin our firm today

-  Social usefulness
-  Total architecture
-  Humane organisation
-  Straight and honourable dealings
-  Quality of work
-  Reasonable prosperity

# Who we are

We combine digital expertise with market knowledge to advise on the role of digital and data in the built and natural environment

We deliver services and solutions that solve complex challenges for our clients



# Our strategy

We work with clients, partner and practitioners who share our commitment to create a sustainable future for everyone



# Our partnerships

From climate change to city resilience, our long-term collaborations help us to tackle some of the world's toughest problems



# Some of our clients



# Our G-Cloud 15 services

**Digital service design and development**

**Discovery phase**

**Alpha phase**

**Beta phase**

**Digital Asset Information Management**

**Digital Strategy and Architecture**

**Built Environment Data Advisory**

**Digital Transformation**

**Digital Energy**

**Digital Water**

**Digital Transport**

**Experience Design**

**Digital for Sustainability**

**Digital Twins**

**Digital Planning**

**Co-Design**

**GIS (Geographic Information System)**

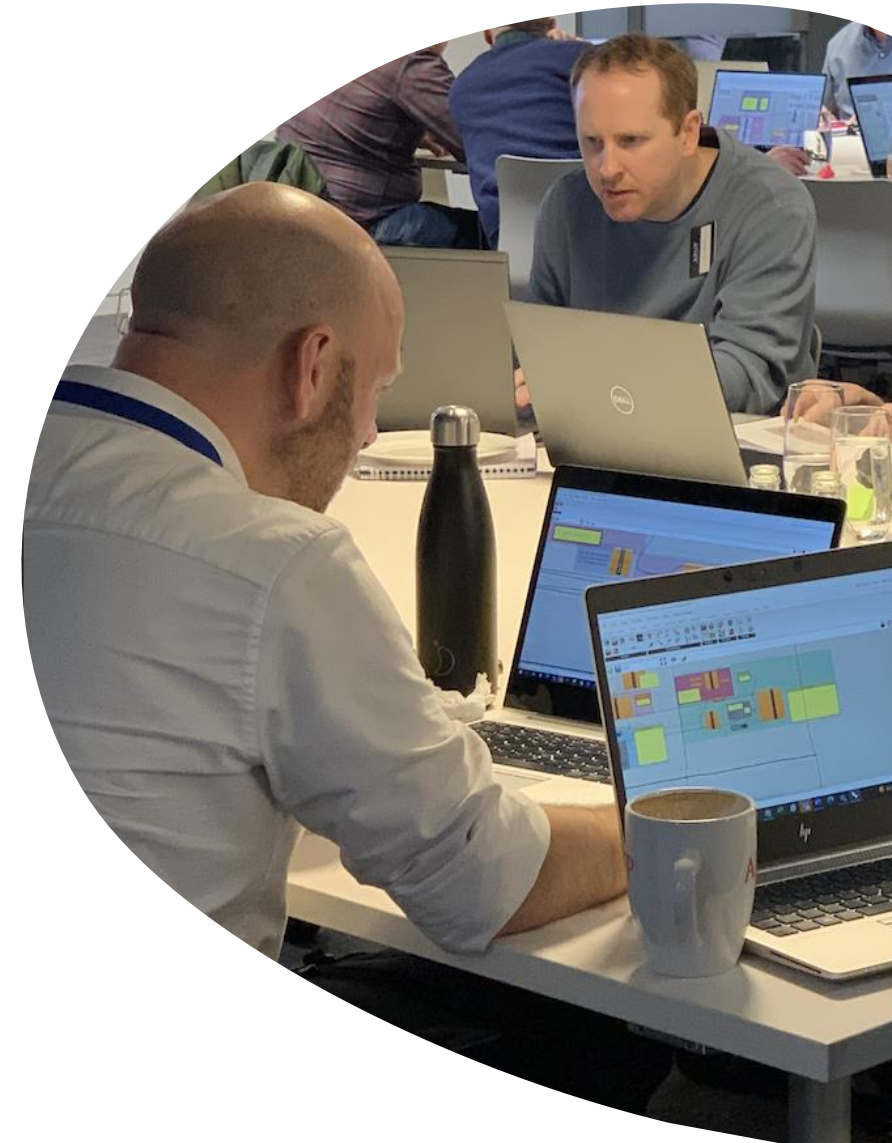
# Digital strategy and transformation

# Digital strategy and transformation

## Introduction

We recognise the importance of technology in transforming organisations but what we bring to the table is the deep knowledge and understanding that it is people that inspire, enable and sustain real change. We help clients develop the right mindset, skillset and toolset to transform the way they work.

Our approach is built around meaningful collaboration, working closely with our clients to understand and define their specific goals and problems, using design-thinking methods and user-centred approaches.



# Features

## Features

- Review and benchmark current digital maturity and existing digital transformation initiatives: learning from wider industry good practice, competitors and adjacent markets
- Strategy, vision and roadmap: horizon scanning, scenario planning, trend analysis, design concept and principles
- Business case development: aligned to UK Government 5 Case models/Better Business Cases where relevant
- Capability development: transforming ways of working, process improvement, innovation labs, automation, training needs analysis, skills development and training, aligned to industry frameworks such as DDaT and SFIA
- Organisational development: operating models, governance, organisation design, role descriptions, setting up teams

# Features

## Features

- Leadership development and culture change: understanding current culture and perception, readiness for change, development of coaching programmes
- Change management: Understanding readiness for change amongst key stakeholders and embedding lasting/sustained change, utilising frameworks such as ADKAR
- Stakeholder engagement and communication: communication and engagement strategy and planning, stakeholder and ecosystem mapping, visual communication, workshop design and facilitation
- Delivery management: programme and project management, PMO, agile and waterfall delivery styles, innovation management

# Benefits

## Benefits

Clarity: Clarity and alignment of strategy and objectives

Pace: Rapid, iterative approach to discovery and delivery

Holistic: Understanding of the relationship and constraints between people, process, technology and data for successful transformation

Focused: Initiatives are designed and delivered to support organisational outcome

Value driven: Save cost, improve efficiency, reducing risk and delivering meaningful change

Integrated: Bring people along the journey to develop understanding and alignment

Future-fit: Develop teams and knowledge to adopt and sustain new ways of working

People-Centred: Putting people before technology to enable innovation across all teams

Skilled: Combining digital and data skills, people and change expertise and our wider industry subject matter experts

Best Practice: Transferring knowledge from wider industry and aligning to best practice such as DDaT, GDS, SFIA, Design Thinking, ADKAR



**Network Rail**

## Better Data for Better Operations

Arup worked with Network Rail to develop a strategy and business case to transform operational insight through use of data.

Rather than focussing on top-down investment in technology, the business case targeted securing investment in people, through deploying digital and data roles and skills close to where they are needed in operational teams. This combination of deep operational expertise and new digital and data skills will be working on solving network operation challenges and enhancing understanding of rail network performance through developing new data products.

nationalgridESO

**National Grid ESO**

## Data Science Fellowship

Arup worked with National Grid ESO on a discovery project to scope and set up a Data Fellowship Programme looking to enable a more integrated pipeline of Data Science capabilities within the energy sector, thus forming a resilient 'industry wide' pool of resources.

The discovery project comprised desk research and stakeholder engagement activities, exploring Data Science talent development, acquisition and retention challenges and opportunities for change. The research culminated into a vision for the Fellowship Programme, including design and a feasibility assessment, which will support the further development and delivery of the programme.



# ARUP

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