

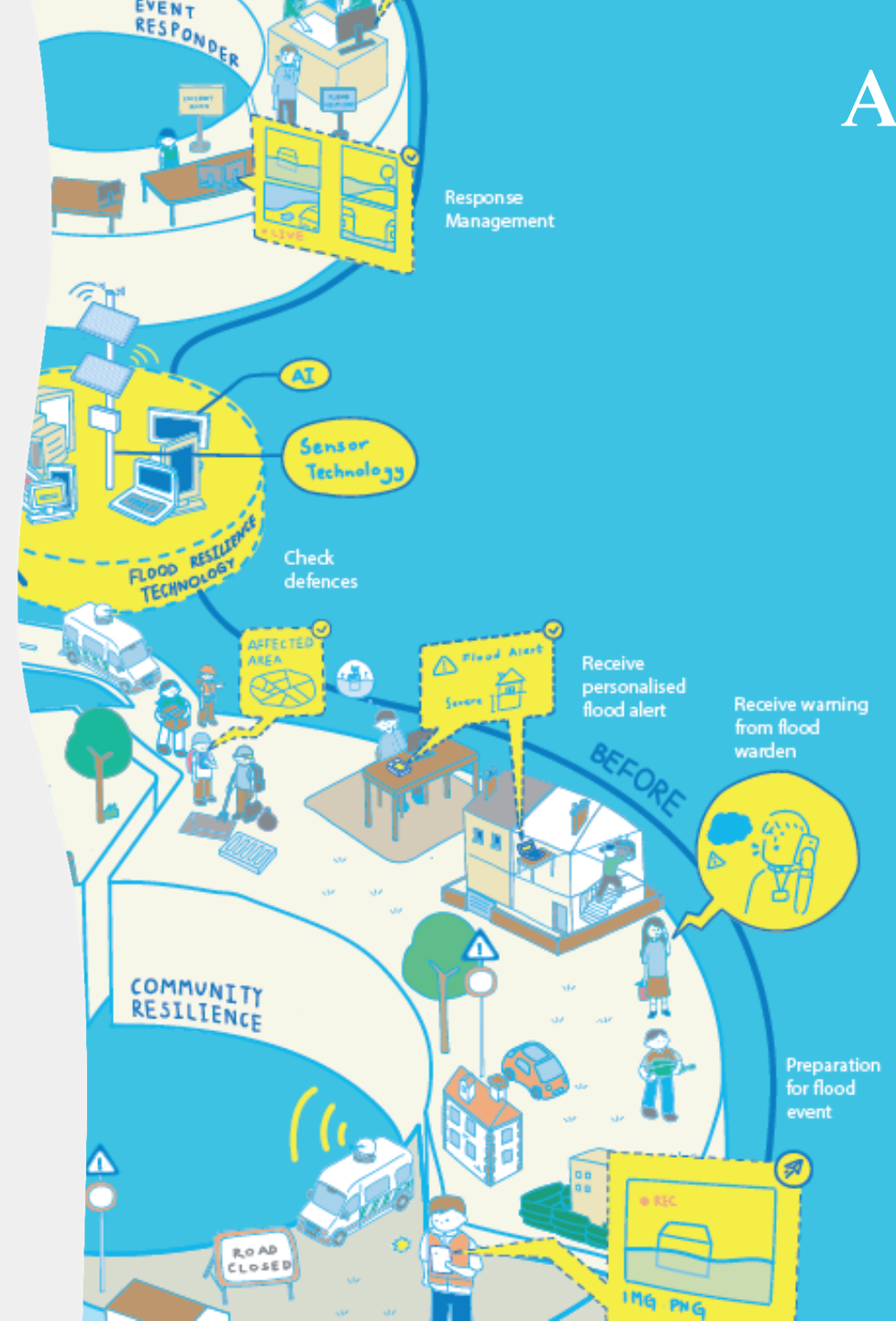
G-Cloud 15

Digital planning services

G-Cloud 15
Service definition document

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

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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 Planning Services (including Policy and Transport)

Digital Planning

Introduction

Arup's Digital Planning service brings together digital, data and built environment services to assist customers navigate the digital transformation of the planning (and related) industry.

From working with clients to fix their existing data, identify gaps, establish new digital processes and through to establishing how to incorporate emerging technologies and measuring the impact of these technologies on practice and space.

We cover Policy, Transport, Development Management, Infrastructure, Community Engagement and Socio-economic Assessments & Research – bringing our expertise and understanding of GDS-style Service Design Standards, the Technology Code of Practice and GDPR legislation.



Features

Features

- Transport modelling including agent and activity-based modelling (ABM)
- Data analytics / data science including geospatial data
- Development of data analytics strategies and operating models (Covering Transport Assessments, Active Travel and Scenario modelling)
- Developing interoperable digital-ready planning policy documents (documents with associated databases) and developing geodatabases associated with planning.
- Impact assessment modelling of direct, indirect, and induced employment and GVA
- Online and integrated digital evidence base datasets such as Infrastructure Delivery Plans (IDP), Strategic Housing Land Availability Assessments (SHLAA), Housing and Economic Land Availability Assessments (HELAA)
- Baseline / baseline production, data collection strategy and analysis for socio-economic research, evaluation, and monitoring,
- Data gathering and analysis including GIS and enhanced techniques such as location quotients and shift share analysis

Features

Features

- Process (Service) mapping, user research, and digital planning reform including advising on impact of Levelling Up & Regeneration Act (LURA) data standards requirements with respect to GDPR, and other legislation across digital and planning
- Planning Performance monitoring and Planning data development, including independent advice and guidance on digital-planning off-the-shelf IT systems

Benefits

Benefits

- Support decision making around transport schemes and policy definition
- High levels of spatial, temporal, and demographic detail
- Support to all stages of a business case
- Indexed and retrievable planning data across consistent databases (including geodatabases) all linked via APIs
- Accessible data on site allocation, consenting and delivery
- Enhanced understanding of potential impact
- Compatible with Environmental Impact Assessment /Strategic Environmental Assessment integration
- Digitising planning services for enhanced performance
- Identifying process and service improvements – leading to diagnosing the underlying issues that can be solved in planning via digital.
- Real-time integration into planning systems, keeping an updated policy evidence base.

Who we've worked with

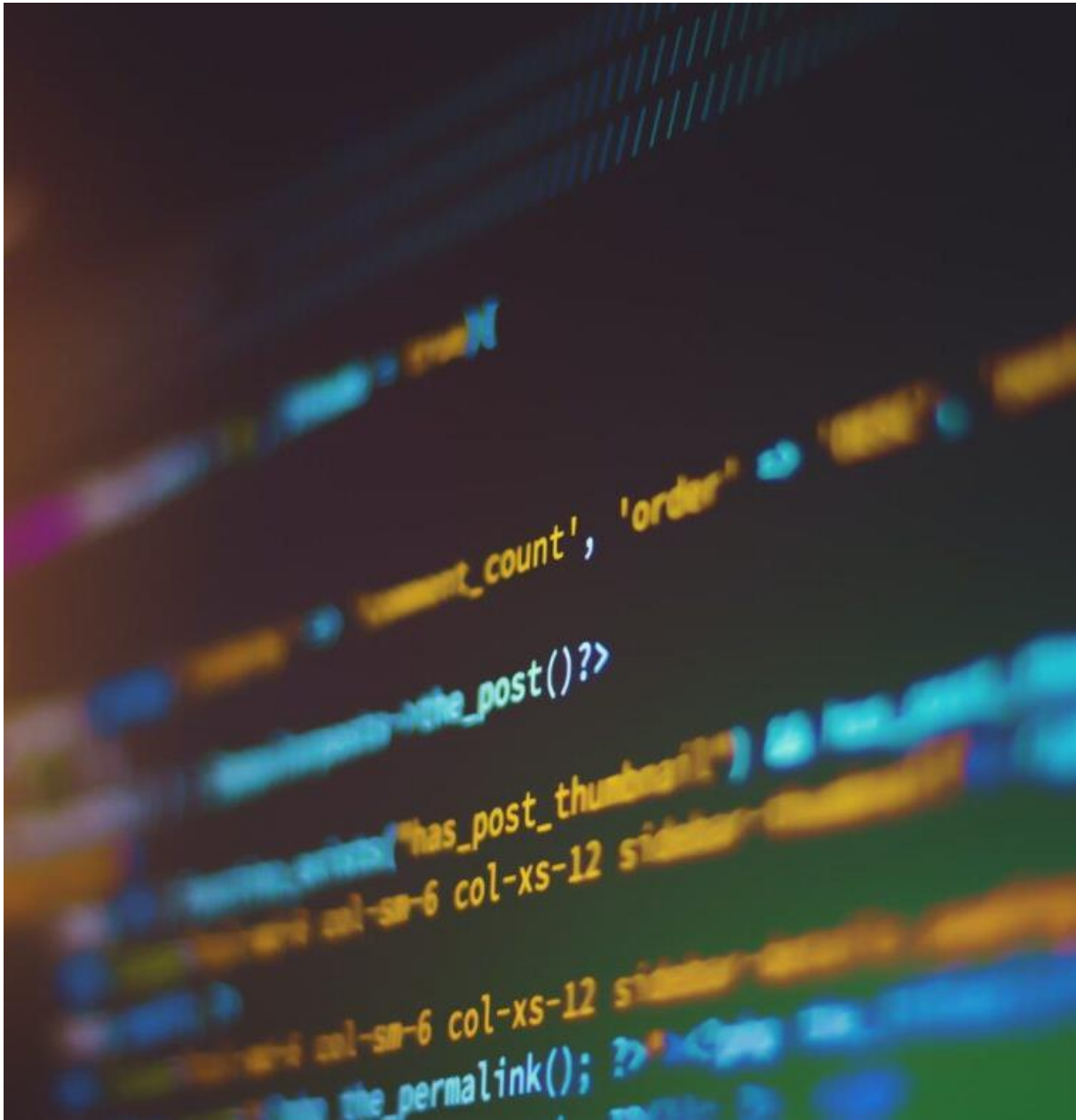


Local Plan Development, London Borough of Ealing

Delivering the local plan with data-first and digitally enabled services.

Since 2020, we've been providing ongoing consultancy support for the development of the local plan. Through our management role we've incorporated GIS-ready, digitally-enabled evidence build the structure for future digital work. This includes site-selection and other land based evidence base creation.

Ealing, London, 2020 - 2024



ARUP

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