

Knowledge

Adoption Innovation Hub

A shared digital workspace and forum for all stakeholders involved in adopting and implementing Sustainable Drainage Systems (SuDS).

Big insight

The experience and capability to deliver SuDS is distributed unevenly throughout the water industry, and it is difficult for 'newbies' working on their own to make best use of the excellent resources that already exist, or for the industry to learn from its mistakes. All of this unnecessarily increases the commercial risk associated with SuDS.

Target customer

Built Environment Professionals new to SuDS

As a professional, I need accessible resources and information that enable me to act effectively at all stages of my professional journey with SuDS.

Stakeholders to engage

Third Party Organisation

To own and run the platform, ensuring advice and content provided adheres to standards (e.g Institution of Civil Engineers).

Water Companies, Developers, Local Lead Flood Authorities, Consultants etc.

To share content, advice and learnings with other members.

Features

A Collaborative Platform

A safe and honest space that enables stakeholders across the water industry to share their experiences, including mistakes, and develop a repository of discussions for reference.

Connect with Fellow SuDS Professionals

Ability to connect with others, create online and offline working groups, and network within the industry, in ways that are safe and honest.

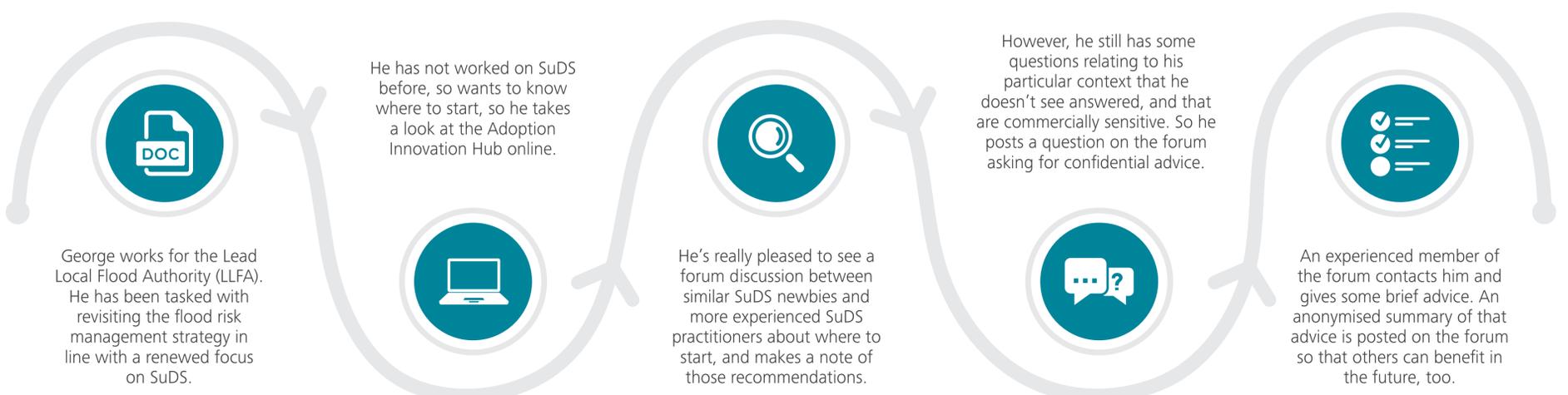
Skills Development

Online training, case studies, supporting workshops, events, and personalised assistance to provide members with the tools and skills that they need for adoption and implementation of SuDS, including learning from mistakes.

Professionally Hosted

Run and hosted by an independent professionally qualified body and endorsed by 3rd parties as a reputable source of SuDS knowledge and advice, with confidentiality options where requested.

User journey



Knowledge

Green Developer

A bespoke tool for developers to understand the true value of Sustainable Drainage Systems (SuDS).

Big insight

Developers aren't clear on what's in it for them when it comes to adopting and implementing SuDS.

Target customer

Developers

As a developer, I need to maximise my return on investment which is achieved through increasing the square footage of buildings, not outdoor spaces.

Stakeholders to engage

Water & Sewerage Companies

To own and run the platform.

OFWAT & Water UK

To provide leadership and guidance as part of a Green Developer programme 'steering group'.

Local Authorities

To provide content inputs to the platform and encourage developers to use it as part of early consultation processes with the authority.

Features

SuDS Map

Review the location of all existing SuDS in the UK and access data on ownership, value and performance, to support developers in land purchase decision making.

Create Mode

Upload proposed design for development and drag and drop potential SuDS solutions onto these designs with a breakdown of the 'typical' cost and sales value of each for example developments.

Home Value Forecast

Statistics to guide developers on the typical percentage increase that home buyers are willing to pay for a home in a SuDS environment (more open spaces, cost savings etc.).

Online Support

Web chat option that guides the developer through the tool, providing hints and tips on how to improve the volume and type of SuDS for maximum return.

Green Bus

A mobile bus providing face to face support for developers using the Green Development tool and raising awareness of SuDS to the wider water industry.

User journey



Knowledge

Community Water

A fun and educational mobile app which builds more resilient communities through better understanding of water management.

Big insight

There is a lack of individual and community understanding of water management, flooding and Sustainable Drainage Systems (SuDS). We can harness the power of local communities to make change.

Target customer

Householders

As a householder with a family, I need to understand how and why flooding could occur in my area, and better understand ways to prevent it – in order to retain the value of my property. I need to have easy access to information that's relevant to my area.

Stakeholders to engage

Local Council

To own and run the platform.

WASCs

To provide SuDS and water quality/quantity information for the platform.

Environment Agency

To provide local wildlife information.

Features

SuDS Virtual Walking Tour

View and understand the SuDS in your local area using the interactive map. Access information on cost and performance.

Species Bingo

A local wildlife guide that allows you to discover and track different plants and animals living in your local environment in SuDS.

Scenario Planning

Information, preparation guidance and suggested checklists to follow in the event of a flood.

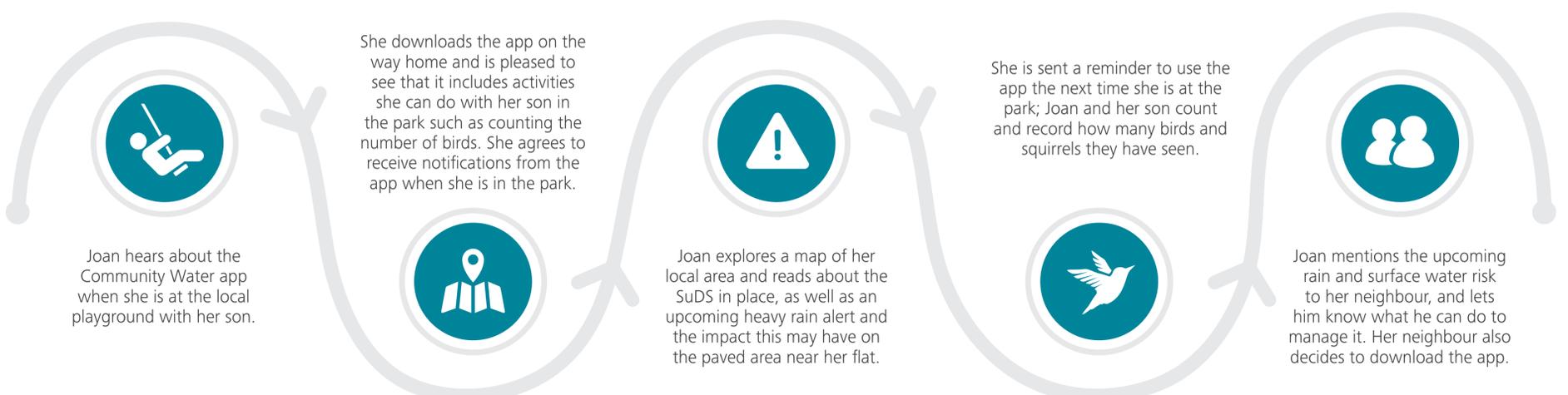
Real-time Monitoring

Record and report any water-related issues (both general or SuDS related), and view information on the quality of water in the local area.

Ways to Save

Regular tips and tricks to help save money and reduce water usage.

User journey



Knowledge

SuDS for Schools

A partnership between WASCs and schools to upgrade outdoor facilities and optimise them for sustainable flood management.

Big insight

Schools in high flood risk areas aren't aware that they have assets which could be used to protect their communities.

Target customer

Schools in a High Flood risk area

As a Head Teacher in a high flood risk area, I need to know that my pupils are in a safe environment and understand if there are ways to better prevent flooding. I want to make sure that my pupils have access to the best facilities and that they receive high quality, engaging and interactive education.

Stakeholders to engage

Water & Sewerage Companies

To own, run and fund the scheme.

OFWAT & Water UK

To provide leadership and guidance as part of a SuDS for Schools programme 'steering group'.

Department for Education

To provide approval for SuDS implementation.

Lead Local Flood Authority

To support assessment of flood risk and prioritise schools.

Features

Online Application for Funding

An online platform enabling schools in flood risk areas to connect with local water and sewerage companies. Schools are able to advertise their outdoor space for flood optimisation, in return for fully funded, improved outdoor facilities.

Consultation

A programme to help schools understand the value of optimising their assets for flood management, assess suitability of land for SuDS, and identify and agree appropriate SuDS solutions.

Funded Flood Facilities

Improved, high quality outdoor sports and recreation facilities, which provide sustainable drainage.

Stress Free SuDS Set Up

Rapid construction of SuDS, managed by WASCs at convenient times in the school year.

Supporting Sustainability Education

An outdoor education programme, aimed at teaching pupils about surface run off and flooding, and the importance of sustainability and biodiversity.

User journey

