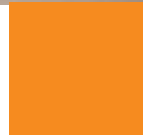


Collaboration in a virtual world





We
remain
committed
to serving
our
clients
and
communities...
**Better
together,**
even
apart.

-GORD JOHNSTON





Virtual collaboration

At Stantec, people and communities are at the heart of everything that we do. We're better together, collaborating in a virtual world to navigate the challenges and opportunities in the COVID-19 pandemic.

From delivering bespoke online workshops to keeping projects moving through virtual public engagement, we've been listening to our clients, finding solutions and sharing best practice on the issues that impact them and their businesses.

Whilst this is a time of uncertainty, one thing is clear. Our teams remain committed to supporting all our clients through this difficult time – helping you to meet your project goals and securing your success in the future.

Stantec has produced a series of webinars in response to the feedback we have received from you, our clients.

Recordings of many of these sessions are available. Additionally, our teams are ready to run bespoke webinars tailored to your interests.

If you have a specific requirement or to find out more about these topics, please email UKMarcommsTeam@stantec.com or contact your key account manager who will be happy to discuss this with you.

We very much look forward to a time where we can meet with our clients again in person. Until then stay safe and stay connected.





Energy,
Transport,
Climate Change
and
Carbon Reduction



Understanding the opportunity and challenges of hydrogen

Energy transition is a blend of alternative fuels, electrification, and low carbon/energy efficiency solutions. Hydrogen plays a key role in this mix. With its zero-carbon potential, hydrogen presents government and with the opportunity to decarbonise a range of industries and boost the contribution of renewables. With public policies and projects expanding globally, the time is right to understand and address the challenges, scale up technologies, and bring down costs to foster production and usage of hydrogen. Our experts share their insights on the production, handling, and economics of hydrogen, associated challenges, and a path forward.

Electric futures

The rise of electric cars, buses and trains is regarded as an environmental success story and something that will help us tackle the climate emergency. In this webinar we explore the positive impact electric vehicles can have on climate change, the environment and human health. We also consider whether an electric transport future – and the infrastructure to support it – will become more likely as we move towards a net-zero carbon future.

The 4th Industrial Revolution: Delivering Infrastructure

There is a paradigm shift needed in how we think about delivering clean growth in infrastructure over the next 20 years. Changes and advances in global economic, digital and environmental understanding are showing that infrastructure delivery can no longer happen in silos defined by sector headings such as transport, energy and water. The interaction of environmental factors requires a whole system approach, and the complexities created by these interactions are more readily understood through the lens of 4th Industrial Revolution.

This session explores how we might need to perceive infrastructure in the future. Using the UK's Industrial Strategy as a base we explore the nature of infrastructure over the next 20 years from now.

The 4th Industrial Revolution: Electrical Challenge

With increasing pressures on Governments to react radically to the climate crisis, significant hope and attention is being invested in electricity as the means to deliver the Clean Growth Grand Challenge. In this presentation we explore this energy market transition, what it means for transport, new homes and industrial growth, and the opportunities for land portfolio owners as they react to the national stimulus to decarbonise.







Land development
and planning



Planning in the COVID-19 pandemic

This session provides an overview as to how local planning authorities are dealing with processing, consulting on and determining planning applications in a virtual environment and highlights the difference in approach and success. It provides an insight into some of our own experiences of virtual planning committees and digital stakeholder engagement events in the lockdown environment.

Environmental Impact Assessment

Environmental Impact Assessment, and the legal requirements involved, are often an area of concern for developers. This session reviews these requirements and considers, drawing on practical examples and experience, how key areas of risk can be successfully managed. It will also review experience of meeting the 2017 Regulations using practical examples, including interpretations by LPAs and consultees. We're also discussing with our clients how digital technologies can be utilised throughout the impact assessment process to maximise the long term value of environmental data to our clients and shape best practice.

Urban Planning and Transport

What does the future look like and when will it arrive? Our experts explore the relationship between urban planning and transport, considering what emerging trends and recent events tell us about how we should plan and design the future and whether technology is the solution.

Planning for an electric future

The increasing uptake of electrical vehicles poses challenges for new developments, particularly in planning infrastructure. We review how developments can best respond to this new challenge with a focus on managing costs.

Local Development Orders (LDOs)

LDOs can help streamline the planning process by removing the need for developers to make a planning application. This session explores their application and their value in supporting economic recovery.





Design and construction guidance (previously sewers for adoption); what this means for developers

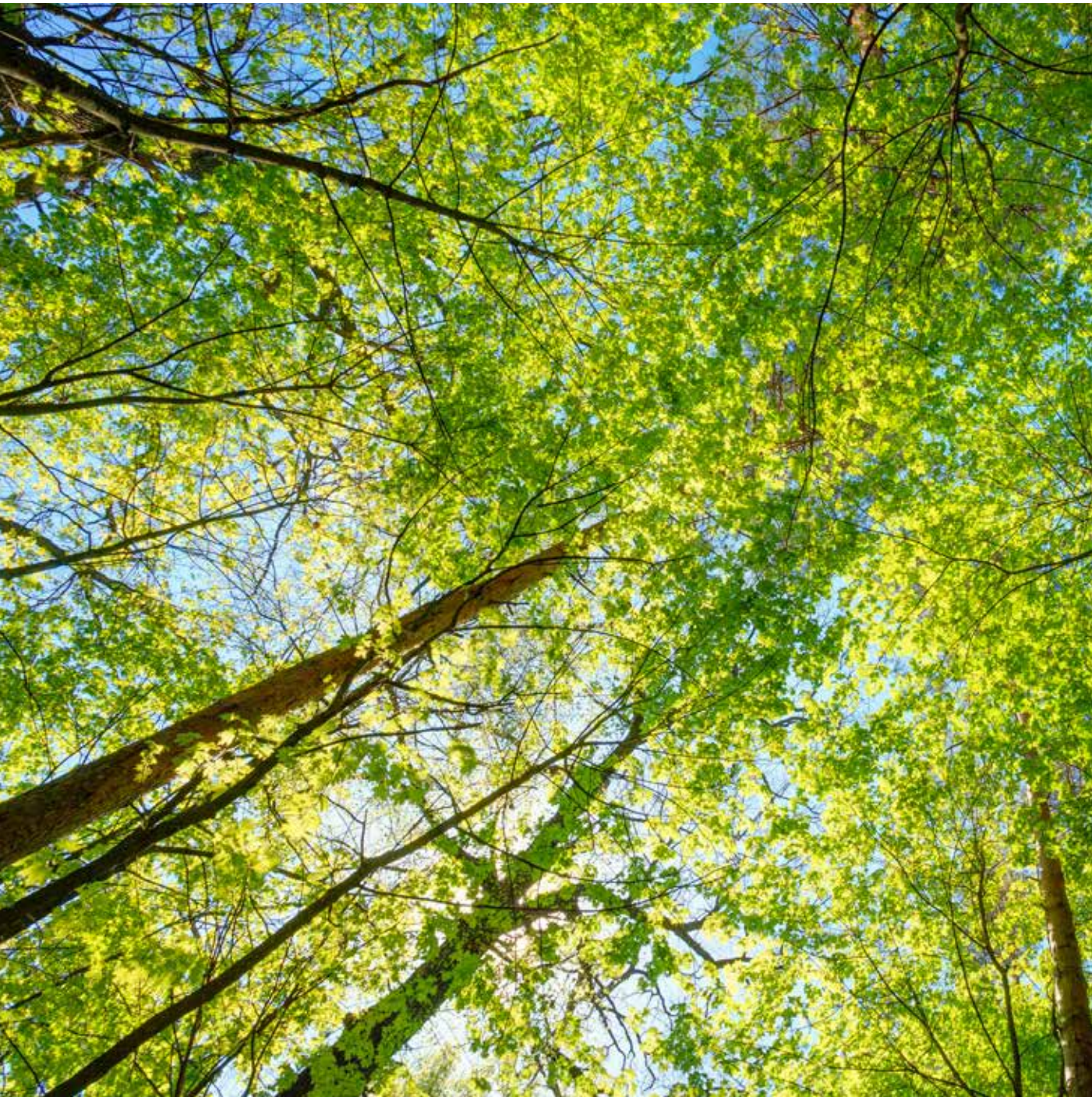
Sewers for Adoption has for many years provided guidance on the design and construction of adoptable foul and surface water drainage systems. Sewers for Adoption has since 1st April it has been superseded by 'Design and Construction Guidance for foul and surface water sewers offered for adoption under the Code for adoption agreements for water and sewerage companies operating wholly or mainly in England ("the Code").'

This webinar provides information for developers and fellow professionals on the changes being introduced and the key points to be aware of. It will outline significant risks and benefits of the guidance and comments on the impact the guidance has made since its introduction.

Utilities: constraints and opportunities

During this session our experts review disconnections & diversions, wayleaves & easements, development connections and comment on the changes introduced by renewables.







Environment

Contaminated land and land stability

Our experts advise on a range of environmental risks including land contamination. This session provides an overview of changes in the industry and expectations of the regulators, together with thoughts on minimising unforeseen abnormal costs. We also offer our thoughts about how risk assessments can help to identify and manage asbestos.

Ground investigation

Experience shows that unforeseen project costs and delays can occur when a suitable ground investigation isn't carried out often exceeding the cost and programme implications of doing the work in the first place. We discuss how a cost effective ground investigation should be conducted.

Derelict land grant

In this session our experts explore policy and how to use the tax relief to save money.





Air quality

Air quality is of increasing political and planning importance, with the potential to be further complicated by the imposition of Clean Air Zones. In this session we review the implications for land development and how risks should be managed through the planning process.

Noise

We explore the lessons that can be learned and the value that can be added through the careful planning of new developments close to major transport infrastructure.

Underground Refuse (UR) systems

Increasingly we are seeing that UR systems can offer many positive impacts, particularly in high density urban developments. A number of authorities are moving forward with an increased understanding and ability to collect from such systems. It will be important for architects to increasingly consider them as an alternative to the conventional/traditional waste solutions, and which can bring benefits to developers, residents and local authorities alike.

Biodiversity asset management and biodiversity net gain

In this webinar, we summarise the vision set out in the Government's 25 Year Environment Plan for biodiversity and describe the actions that the Government have been taking to bring the vision into practice, such as the forthcoming Environment Bill, with anticipated mandatory Biodiversity Net Gain requirements for development. This session confirms the background, likely forthcoming requirements for Biodiversity Net Gain, and how best to plan for these to minimise potential costs and risks associated with future development. Furthermore, the benefits of managing land for the benefit of biodiversity will also be described, with reference to practical examples from award-winning projects, and the potential for biodiversity mitigation banking.

Getting best value from Protected Species Licensing

Natural England announced new protected species licensing policies in 2016 with the strap-line "great for wildlife - great for business". In this webinar, we set out our practical experience of application of these policies: in what situations do these policies best help to support development at a site and what information is needed to meet the requirements of the policies. The varying approaches to protected species licensing across England are set out with a focus on great crested newt licensing, including the District Licensing approach.





The internet of the environment: digitally twinning the planet.

Data is being collected everywhere. The interconnection of computing and smart devices embedded in everyday objects, enables them to constantly send and receive data. By connecting the physical and the digital worlds, the fourth industrial revolution is enabling the reinvention of industry processes, improvements in productivity, and the creation of bespoke, customised solutions to meet specific client need.

As Environmental Practitioners, we have a responsibility to embrace the fourth industrial revolution, and explore how these digital principles can be applied to gain an in-depth understanding of the interactions (natural and human) that impact the delicate ecosystem within which we live, the Planet. This session presents the opportunities that relate to the environment sector embracing the 4th Industrial Revolution and how the Internet of Environment will change working practices.

Let us know how we can help

These are just a selection of our thought leadership webinars available, for more information on our virtual collaboration offering please contact your Key Account Manager or email ukmarcommsteam@stantec.com

