

Disruption and Innovation in Housing in the Devolved Nations

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Sustainable Housing and Digital Communities

Tuesday, 16 November 2021

Online

Programme

09:50	Arrivals / online access
10:00	<p>Welcome and opening comments</p> <p>Kirsty Wells Director of Consultancy and Partnerships, Housemark</p> <p>Ian Wright CEO, Disruptive Innovators Network</p>
10:05	<p>Opening Keynote: Building Sustainable Cities and Communities</p> <p>In this exciting opening session, we will examine how housing providers can contribute to zero carbon targets by leading the delivery of sustainable housing in the UK, combining technology and development to create sustainable living environments. We will explore smart climate solutions, and how technology can support us on our sustainability journey.</p> <p>Including time for Q&A</p> <p>Steven Grier Country and Regional Manager, Scotland and LRG North, Microsoft</p>
10:40	<p>Innovation, sustainability and the net-zero challenge</p> <p>Building innovation in Wales</p> <p>The Active Building Centre Research Programme based in Wales is delivering an evidence-based transformation of the UK's built environment. Led by the team at Swansea University, the research programme brings together <u>ten leading universities</u>, businesses and service providers to develop and test innovative technologies and ideas that will ensure buildings of all scale contribute to a more stable power grid.</p> <p>Dr Ahsan Khan will give us an overview of how The Active Building concept aims to seamlessly integrate net-zero carbon buildings within the wider energy infrastructure resulting in better performing buildings and grid services.</p> <p>Dr Ahsan Khan</p>

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	<p>Director of Research and Innovation, Active Building Centre Research Programme</p> <p>Building innovation in Scotland The Construction Scotland Innovation Centre (CSIC) champions innovation and connects Scotland's construction businesses so that they can deliver transformational change. In this session we will hear inspiring case studies about the housing sector's response to the Net Zero Challenge. Sarah will also explore how sustainable materials, digital technology, and innovative design can contribute to the low carbon agenda.</p> <p>Including time for Q&A</p> <p>Sarah Buchanan Impact Manager Retrofit, Construction Scotland Innovation Centre</p>
11:30	Comfort break
11:45	<p>Digital Infrastructure</p> <p>Digital connectivity has played a vital role in keeping us safe and connected during the COVID-19 pandemic. However, some families remained isolated due to financial or capacity and capability barriers. Social landlords have a role to play to ensure their customers and communities are physically, socially and digitally connected to overcome these barriers. In this session we will explore how infrastructure can be future proofed to ensure it is inclusive for all.</p> <p>Including time for Q&A</p> <p>Andrew Neilson Head of the developer relationship team/New sites, Openreach</p>
12:20	<p>Smart Homes and IoT in Housing</p> <p>The use of IoT (internet of things) devices is becoming more common in the UK social housing sector. Using such devices provides efficiency and new insight into the performance of buildings and how this can be affected by occupants' behaviour. In this session, Dane will provide insight and advice on how to incorporate IoT into your daily operations to improve the management and maintenance of your properties and help improve the lives of your tenants.</p> <p>Including time for Q&A</p> <p>Dane Ralston</p>

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	Managing Director, iOpt
12:55	Comfort break
13:15	Afternoon Keynote: Communities of the Future
	<p>In our closing keynote session, James will provide an insight into designing regenerative, technology-based communities. We will discover how communities of the future might look and feel, and what risks and opportunities need to be considered if these communities are to be created successfully.</p> <p>James Ehrlich is the founder of ReGen Villages. He is also an Entrepreneur in Residence at the Stanford University School of Medicine Flourishing Project where he focuses on sustainability and infrastructure. He is also on the Faculty at Singularity University California, Senior Fellow at NASA – National Aeronautics and Space Administration Ames Research Center and White House Appointee for Regenerative Infrastructure. Co-Author of UN Sustainability Platform Brief "Regenerative Community Development".</p> <p>Including time for Q&A</p> <p>James Ehrlich Researcher and Lecturer at Stanford University School of Medicine, Founder, ReGen Villages</p>
13:55	Wrap up and key takeaways
	<p>Kirsty Wells Director of Consultancy and Partnerships, Housemark</p> <p>Ian Wright CEO, Disruptive Innovators Network</p>

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