
ULI Europe Sustainability Product Council Day

Dublin – September 2018

Overview

ULI's Sustainability Council brings together investors, occupiers, developers, public officials, and academics from across Europe to debate and explore best practices in sustainable development. The council examines a wide range of issues from investigating new ways to measure the environmental performance or the social contribution made by individual buildings, through to the longer terms planning considerations of European cities to ensure they are both successful and sustainable.



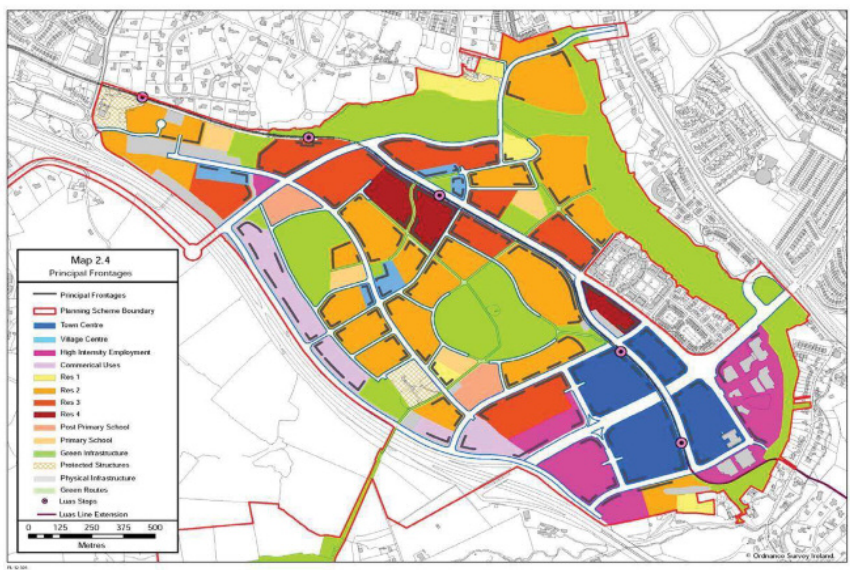
Smart Cities - Future-Proof Your Master Plan

George Lunt,
Technical Director, AECOM

Key takeaways:

- For autonomous cars to be successful, they must be the same or better than a regular car.
- Autonomous cars should be fully integrated with smart technology. The added benefit of having a car that can drive itself is that there is potential for car sharing to maximise use, as well as the benefit of smart parking, saving space close to points of interest allowing for shorter commute times.
- The Cherrywood development example is expected to coincide with the take off in autonomous car sales. Should Cherrywood be future proofing itself? As it may already be outdated by the time of completion (circa 2030).
- Currently the autonomous car market seems to be mainly self-regulating with no one group taking the lead. Innovation is 50% government funded with the rest coming from several different funding methods, including private investors.
- Current opinions may be biased as public engagement has been open to the public, it is assumed that primarily, people interested in the topic would come rather than the wider public which should be looked at.

“People must be taken along, and technology should be mindful of this”



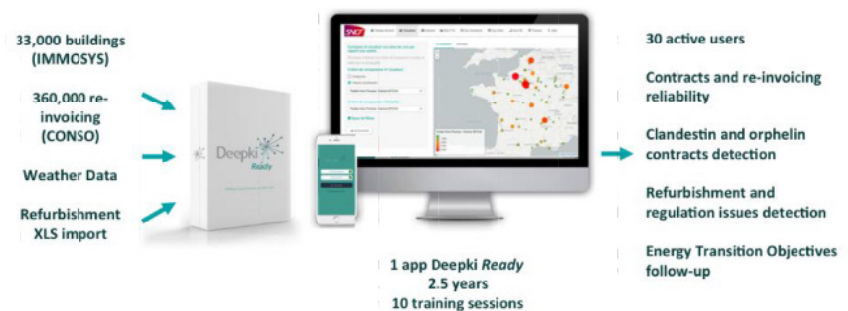
Steve Murphy, Director Engineering and Operations and David Dumigan, Director Development, Hines
Steve and David explained what Cherrywood was and its role in the coming years, basically a new town on the outskirts of the city.

Key takeaways:

- Cherrywood is an SDZ (Strategic Development Zone) that goes through fast track planning regulations.
- Construction has begun, all parks and roads as well as light rail (Luas) has been already completed.

- All construction is done to an extremely high standard, nothing lower than a B2 rating will be built. Residential is aiming for NZEB, this is not required by law but allows for higher quality stock which in the long term is more sustainable.
- Huge amounts of public engagement, through meetings and open days to get the public to understand what will be coming out of the ground. This allows the public to gain knowledge of what will be happening as well as reduces the number of planning complaints significantly, thus allowing for smoother development.

- Government provided several very low interest loans to get the developments to move forward, as they want to see the completion of works.
- Cherrywood is a flexible environment for development. Open to change especially for autonomous cars as well as other future advancements.
- Space has been allocated for flexible work spaces as future demand for people living in Cherrywood will change. there.



PropTech Session: Digital Transition for More Efficient Buildings

Vincent Bryant, CEO, Deepki
 Vincent talks about how digitisation can empower real estate.

Key takeaways:

- The vision of its project was to provide an Asset Digital book.
- PropTech is today's buzzword. It alludes to the use of information technology to gain the best experience from a building/buildings to benefit the wider society.
- Statistics are used to look at past trends thus predicting future trends, as well as gaging when new information is required to get onto the next step.
- Three main benefits that must come to make the project viable are: Cost Efficiency, Time saving and ease of access. These will benefit society.
- It will reduce a huge amount of data down into a manageable size.

Immowell-Lab: How Does it Work?

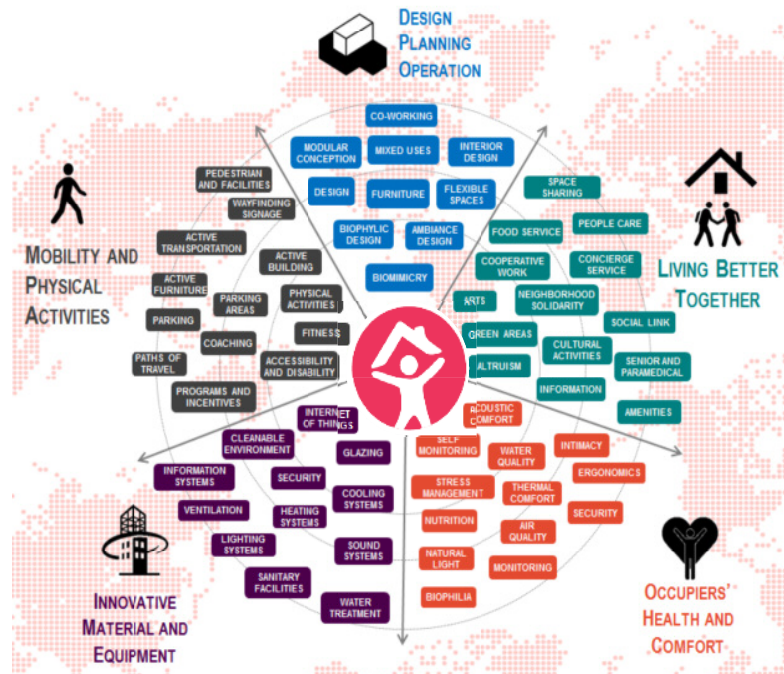
Anne-Claire Barberi, Innovation and International Development Manager, Immowell-Lab

Immowell Lab is an accelerator that supports start-ups on the theme of well-being through real estate.

Key takeaways:

- Immowell-Lab is the sourcing of startups in Europe

- Buildings are an integral part of our environment, where we spend over 90% of our time.
- Elements such as design, material choices, and equipment have an impact on our comfort, mobility, and health. These facts have forced us to adapt the building environment to better suit our needs, and to provide better services.
- Since 2015, it has had 13 selection committees, 80 startup members, 27 corporate partners, 200+ pilot projects and 60+ contracts after successful pilots



Docklands tour from ARUP

The council members were taken on a site tour of the docklands which has been developed in recent years.



Members and guests of the Council

Anne-Claire Barberi, ARP-Astrance & Immowell-Lab

Vincent Bryant, Deepki

Daniel Chang, Hines

Stephan Deurer, asset bauen wohnen gmbh

Loes Driessen, Amvest Management BV

David Dumigan, Hines

Duygu Erten, Turkeco

Mark Foster, Green Generation Solutions UK, Ltd

Paula Kirk, Arup

Nehla Krir, AXA Investment Managers - Real Assets

Maximilian Kufer, AXA Investment Managers - Real Assets

Stephen Lawler, Value Retail

Conor Linehan, William Fry

George Lunt, AECOM

Christos Mantzouratos, Arbitrage Real Estate

Elsa Monteiro, Sierra Portugal

Steve Murphy, Hines

John O'Regan, AECOM

Ioannis Orfanos, Green Value Associates

James Pennington, Europa capital

Pieter Roozenboom, CBRE Global Investors

Erik Ruane, Real Estate Business Consultancy Services Ltd

Joanne Treacy, Arup

About ULI Europe

The Urban Land Institute is a global, member-driven organization comprising more than 40,000 real estate and urban development professionals in 76 countries dedicated to advancing the Institute's mission of providing leadership in the responsible use of land and in creating and sustaining thriving communities worldwide. In Europe, we have over 3,000 members.

European Councils are forums for industry leaders to meet, exchange ideas, share best practices and foster thought leadership in their specific sector of the real estate market. Consisting of a genuinely international membership, the councils provide a unique platform to learn from peers in the same sector who are operating in different geographical markets, as well as help shape the future of pan-European real estate.

Join us today

The success of ULI's Product Councils relies on the active participation of our senior executive full members. If you would like to share your expertise and be involved in shaping the future of real estate in Europe, please contact the relevant Chair or Louisa Batts at louisa.batts@uli.org for information on applying to join a Council.

<https://europe.uli.org/join>

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