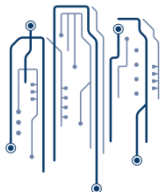


Smart Districts and Docklands Developments

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Summary of research

- Collaboration between **Programmable City** and **Lero** (Maynooth University)
- Aiding the creation of a **stakeholder network** for the Dublin Docklands smart district



- Comparative angle on **South Boston Waterfront** and the **Cork Docklands**
- Understanding how smart districts trial **new urban technologies** as a form of smart urbanism



Key findings

In Dublin, **two narratives** with differing outlooks

“SILICON DOCKS”

- Silicon Valley, US-driven vision of urban development supporting innovation
- Technology driven with focus on disruption, and creative destruction

“DUBLIN DOCKLANDS”

- emphasis on urban activation
- fostering of shared spaces for all communities

Stakeholders emphasised the need for a **vision, aligned timelines, and defined outcomes**. Clear **role of local government** of guidance and mediation



Key lessons

- Developing and articulating a **sense of place** (urban activation, **integrated planning of social and hard infrastructures**)
- **Cohesion with planning strategies**, including local area plans and city development plans (multiscale, learning from DDDA, DCC CDP, NSS/NPF)
- Fostering a **sense of inclusion** from the start by **including all relevant stakeholders**
- Ensuring the **municipalisation of data**, following the datafication of the city

Further reading

SmartIMPACT - <http://urbact.eu/smartimpact>

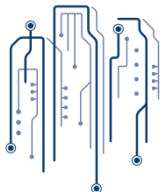
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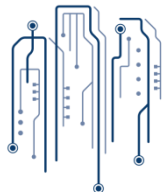


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Work Environments

Leighton Evans



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Summary of research

- This case study focused on the use of software, and its algorithms and models, in the work of individual workers
- The focus was on system users and how software shapes their work and workplace
- Interviews with workers and observations conducted in a typical workplace site: a large retail space.
- A nine-week period between September and November 2015 at a large retail store operating in Ireland.
- Examining in detail how software alters the tasks, forms, spaces and scales of work.





Key findings

- Big data systems were extensively deployed across retail work and these software and hardware assemblages have a significant impact on operations
- The spaces and practices of retail are pervasively mediated through computation
- Big data has introduced a regime of control - management of labour is concerned with data capture and analysis.
- Management of work is automated, mediated, monitored and regulated by code and data that saturates all tasks and sites of labour.
- Even where managers are still directly involved, their work is directed by a series of auto-generated KPIs and data-reactive work processes

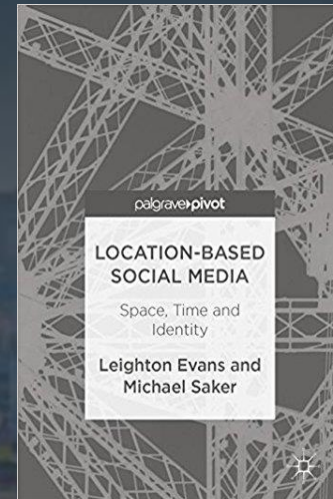


Key lessons

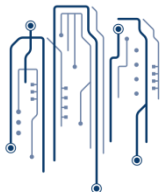
- The regime of control is **highly precarious and fallible**, open to vertical and horizontal fissures that disrupt the various operations vital to the functioning of a store.
 - Tasks can become data-satisfying rather than operations- or customer-focused;
 - Symbolic labour vital to customer satisfaction is largely ignored;
 - Systemic system and equipment failures continually disrupt operations.
- Thanks to this, retail work involves a continual movement between a regime of control that seeks to harness automation, and a disciplinary regime that deals with the symbolic and interactive labour that acts as a reserve mode of governmentality when control fails.

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