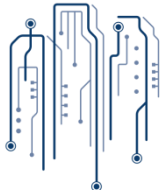


SBIR and Experimental Urbanism

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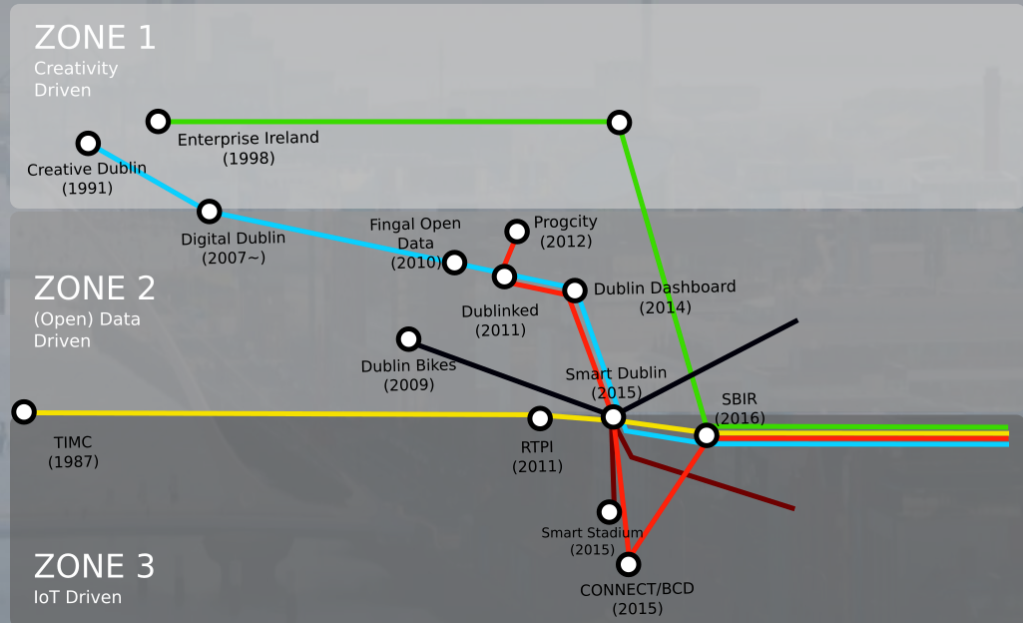




Summary of research

- The **Smart Dublin initiative**
- The **automated traffic management infrastructure**, sound monitoring and air quality monitoring.
- The **Small Business Innovation Research (SBIR)** initiatives on Cycle Challenge for incentivizing the use of the bicycle in the city and making it safer and more secure.
- The **mapping of smart city initiatives in Boston** and the study of Boston approach to smart city

TRAJECTORIES IN DUBLIN SMART CITY DEVELOPMENT





Key findings

- The creation of the Smart Dublin initiative in 2015 acted as a **reinvented narrative** for local entrepreneurship and employment (diversely open, engaged, connected)
- **Experimental urbanism and procurement by challenge** two flips of the same coin. A continuous beta testing?
- There are **initiatives that did not initiate adopting the “smart” label** and yet actually constitute a relevant component of smart cities.
- **Spatial and temporal fragmentation** of smart city development VS. long-term and **polyphonic endeavor**

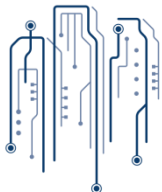


Key lessons: Learning from Smart Dublin

- **Fragmentation** happens among and within local Authorities, where **no organizational and governance correspondence** to ICT solutions.
- Procurement by challenge and testbedding driven innovation may be effective in terms of economic development but the solutions proposed are **difficult to upscale to reach the ‘last mile’**.
- “the citizens” needs to be addressed as **heterogeneous publics** and not as a monolithic entity, generically and temporarily mobilised for living lab purposes.
- **Escape the tyranny of technologically driven change**, with its overwhelming proliferation of solutions in search of problems.

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