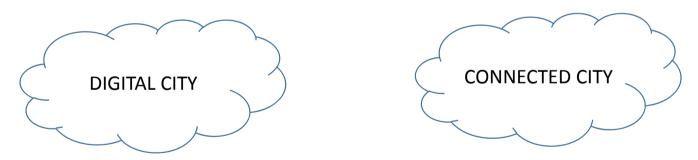


"There is **no absolute definition of a smart city**, no end point, but rather a process, or series of steps, by which cities become more "liveable" and resilient and, hence, able to respond quicker to new challenges"



FUTURE CITY = SMART CITY = DIGITAL CITY = CONNECTED CITY WHAT DO WE MEAN BY SMART CITY?



Health

Energy

Transport

Public Safety

Glasgow Operations Centre | City Demonstrators | OPEN Glasgow



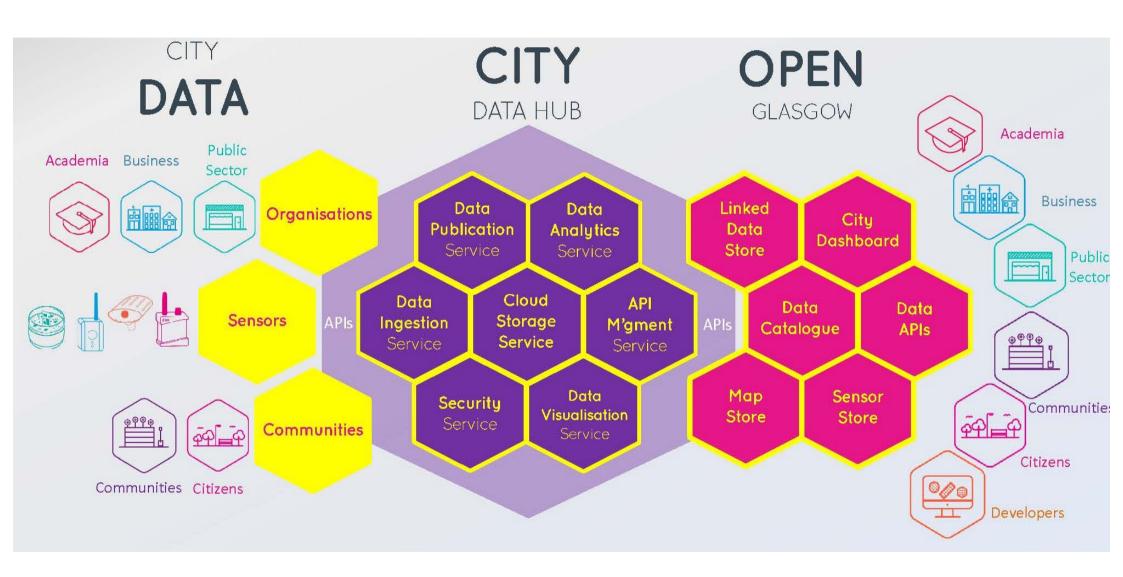




OPEN Glasgow











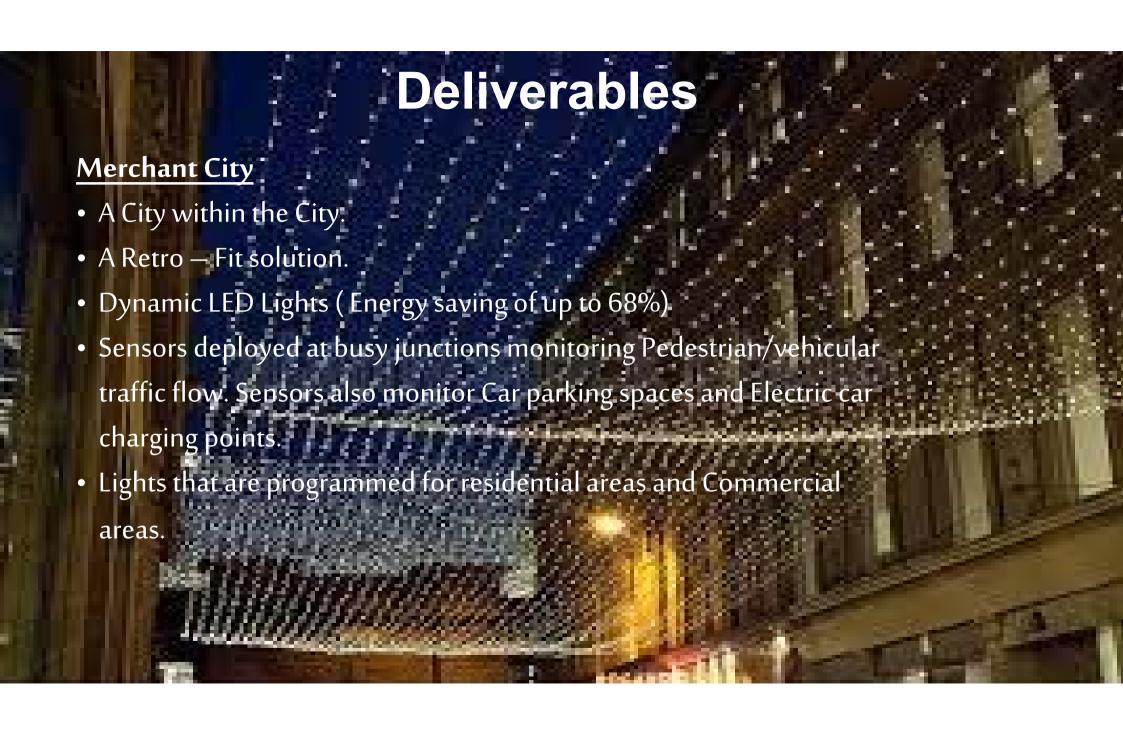
Deliverables

Gordon Street

- Dynamic LED Lights (Energy saving of up to 68%)
- Sensors that collect Data (Sound, Air Quality, Footfall)
- Lights that react to the Sensors (Increasing Lighting Levels by 50%)
- System that alerts CCTV operators to possible issues/events.

Riverside Walkway

- Dynamic Led Lights (Energy Saving of up to 78%)
- Sensors that detect Joggers, Cyclists and other users to adjust Lights accordingly creating a "Wave of Lights"
- Sound Sensors that alerts CCTV operatives to possible issues





- Additional savings (up to 20%)
- Variable light levels achieved on a use case basis
- Trimming saving up to 221 burning hours per light.
- •Correct energy costs calculated and paid at every stage of Luminaire Life.
- •Constant Light output leading to accurate planned maintenance.
- •A system that can be used as a Asset management platform for all street furniture (Energy)
- An Integrated platform delivering data via the Street Lighting Network.







Moving forward and Legacy



- 'Sustainable and Smart' lead for SCA
- Lead Partner for 'Scotland's 8th City the Smart City'
- Disseminating learning from Future City Glasgow
- Sharing via <u>futurecity.glasgow.gov.uk</u>
- Packaging-up resource across all Scottish cities including the 'system-of-systems' approach that Glasgow has trialled in the FCG programme
- Engaged in service transformation



Follow us.

Be part of the journey.

Thanks.