

SDI & OSGeo

Limerick City & County Council

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Liemerick's Experience Adopting OSGeo

- Background
- Problems faced
- Challenges
- Benefits
- Lessons learned

Background

- Huge changes in GIS
- Limerick had not kept up
- GIS unchanged for 15+ years
- Needed to leap into new technology

Problems Faced

- File-based GIS infrastructure
 - Costly and difficult to manage
 - Slow and inefficient for the user
 - Outdated / incorrect data
 - Duplication
 - Access restrictions
 - Impossible to discover data

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- Solution
 - Central GIS database - PostgreSQL + PostGIS
 - WMS service - GeoServer

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- Solution
 - Open source desktop for everyone - QGIS

Challenges

- Cultural
 - Familiarity with tools
 - Familiarity with work processes
 - Under-trained or outdated skill sets
- Solution
 - In house training
 - In house support

Challenges

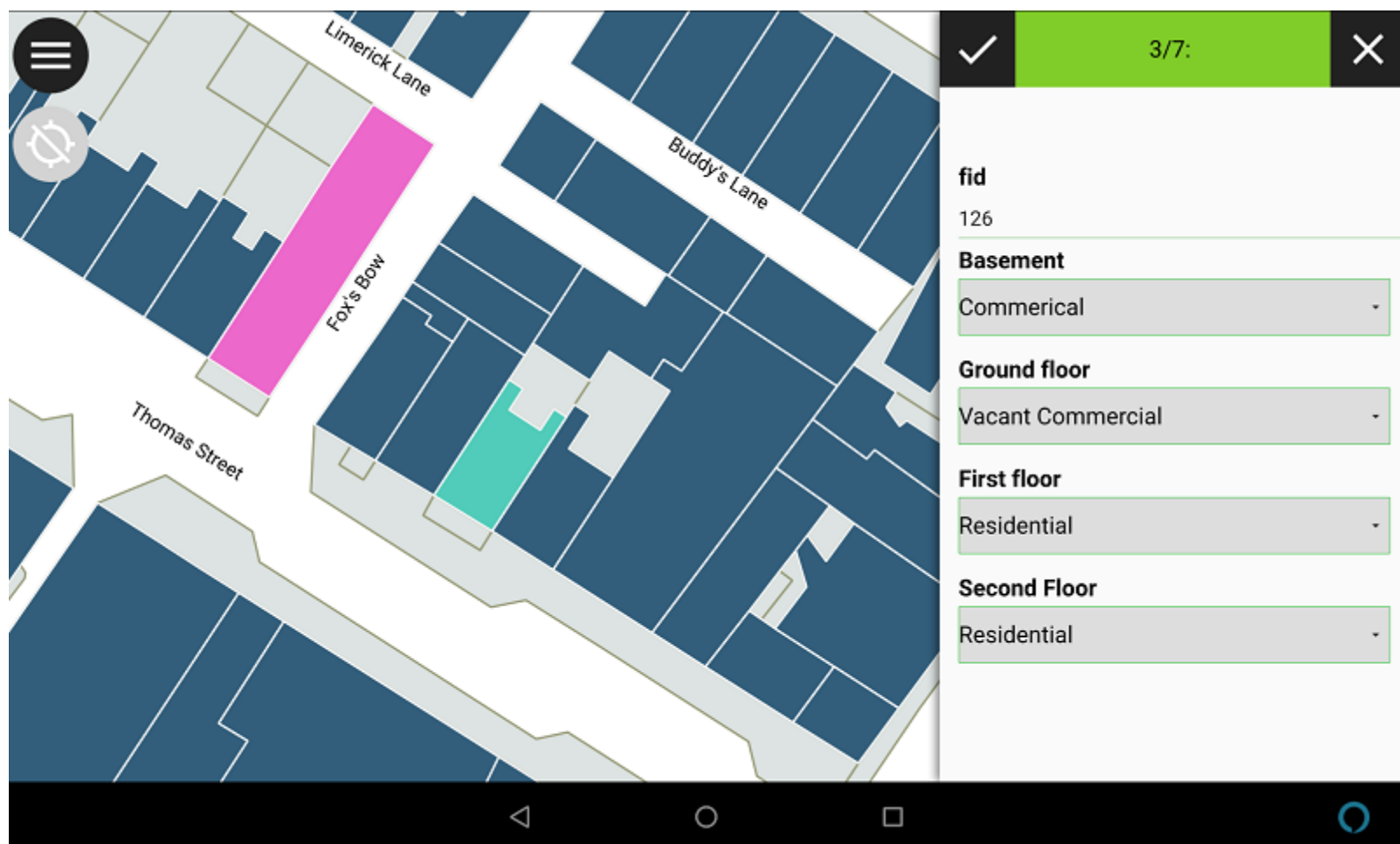
- Technology
 - QGIS
 - No technical challenges
 - Works intuitively and reliably
 - Huge online knowledge resources
 - PostgreSQL + PostGIS
 - Minimal challenge
 - Relatively easy to get up and running
 - Lots of options for creating/maintaining data
 - GeoServer
 - Most technically demanding of the three
 - Can be challenging initially to get up and running
 - Worth it if you host your own WMS

Benefits

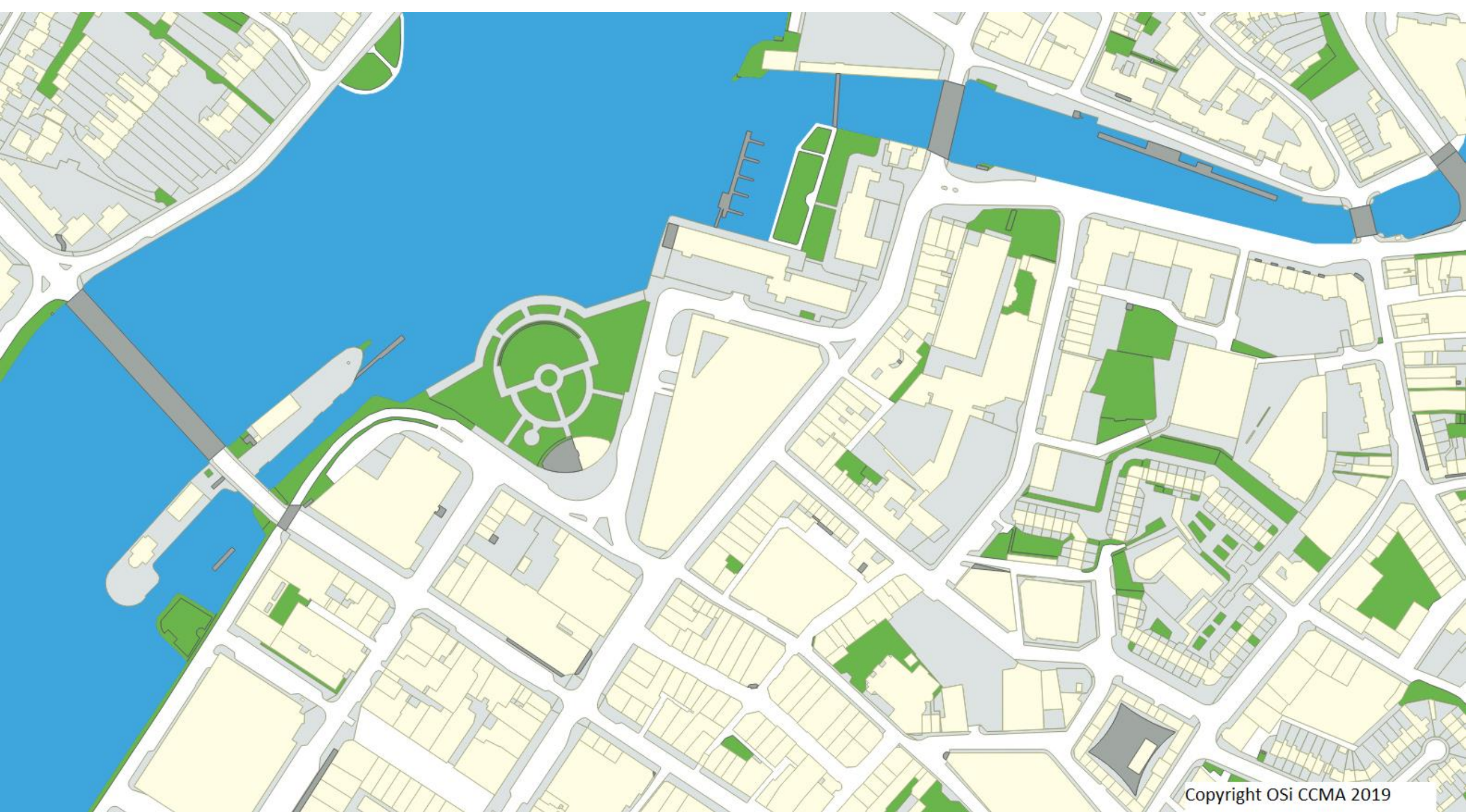
- Lightning fast and reliable SDI
 - PostgreSQL + PostGIS + GeoServer + QGIS + Linux
- Hugely improved operational efficiency
 - Scalable
 - Agile
 - Speed of deployment
 - Why managers love the QGIS solution.
- Empowered staff to do more with spatial assets
 - Access to data
 - Tools to perform analysis + map production
 - Confidence in their abilities

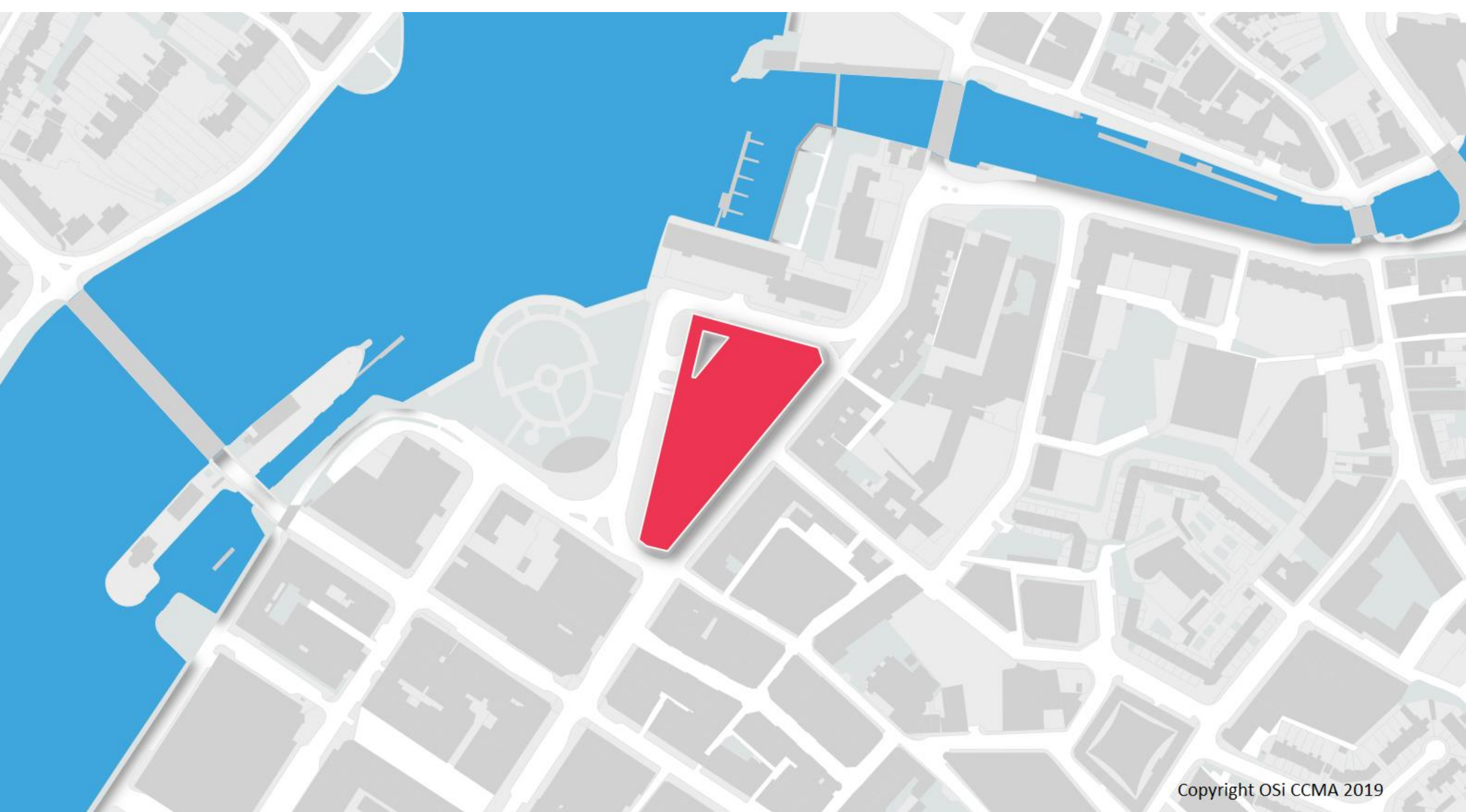
Lessons Learned

- Decision to adopt OSGeo a success for Limerick
- Varying attitudes to change
 - Embracing
 - Cautious
 - Reluctant
- Advice for adopting OSGeo
 - Professional support
 - Provide training and support









THANK YOU to

- OSGeo
- PostgreSQL
- PostGIS
- QGIS
- GeoServer
- Debian
- And many more..