

CAPABILITY OVERVIEW

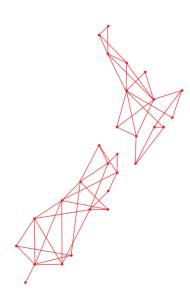
Venue: Zoom – video conference

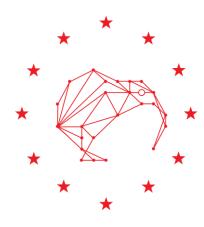
O R B I C A . W O R L D

- Who are we and what do we do
 - Our strengths
 - How we contribute back
- Future opportunities
- Our expectations as a Business Partner

Our purpose is simple

"To enhance a billion lives through the power of geography."







KURT JANSSEN CEO & Founder



NEAL JOHNSTON Location Data Specialist



ANTONIN CAEN Geospatial Architect



BANIKA SIROHI Full-stack Developer



FAISAL ABBAS Geospatial Craftsman



LOUISA TAYLOR Commercial Manager



JUSTIN FAIL Service Delivery Manager Remote Sensing Specialist



KURT JOY



PETER ROSE Director (Europe)



SUNNY SUN Geospatial Developer



Freshwater Scientist



Geospatial Innovator



PHIL CLUNIES-ROSS SANTOSH SESHADRI LAURA WINDERS PA/team support



RIMU BODDY Full-stack Developer



SAKINAH ABDUL Full-stack Developer



ARTHUR MCGREGOR **Full-stack Developer**



BRIDGET EDWARDS SUVARNA DUDAM Chief Financial Officer



IT Specialist



WILL JONES Location Data Specialist



SAGAR SONI Data Scientist (AI)



ROB PARSONS Business Development



VANESSA O'BRIEN Communications Manager

Barriers to customer engagement



But it's more than digital: it's got to be accessible

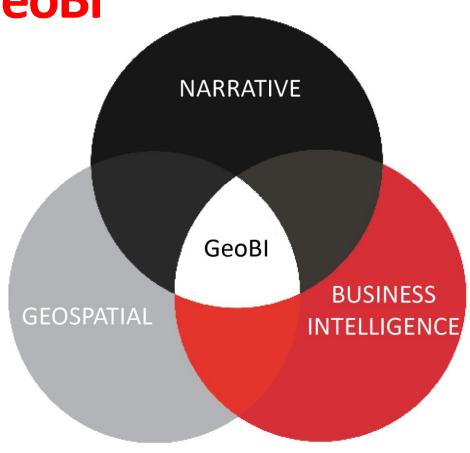


- The way we communicate data must be customer-centric
- Does your customer have time to read a 200-page annual plan?
- There may be better ways to communicate than the platform you've always used

Smart, interactive data visualisations and story telling

- Make complex data easy to understand
- Engage with your community
- Visually communicate multi-level data and data siloes in an interactive, simple way
- Lead the story and make it relevant to your audience

Welcome to GeoBI



Environment Canterbury rates' tool



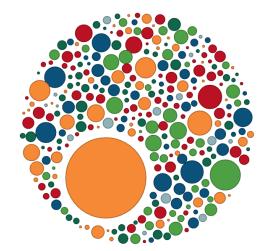
Region wide projects



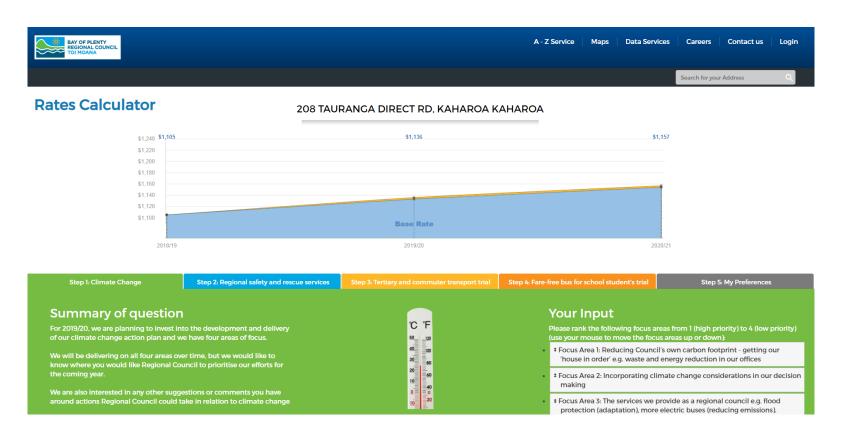




OBJECTIVE: To enable ECan to visually tell the story about the portfolios and projects its rates' collection funds.

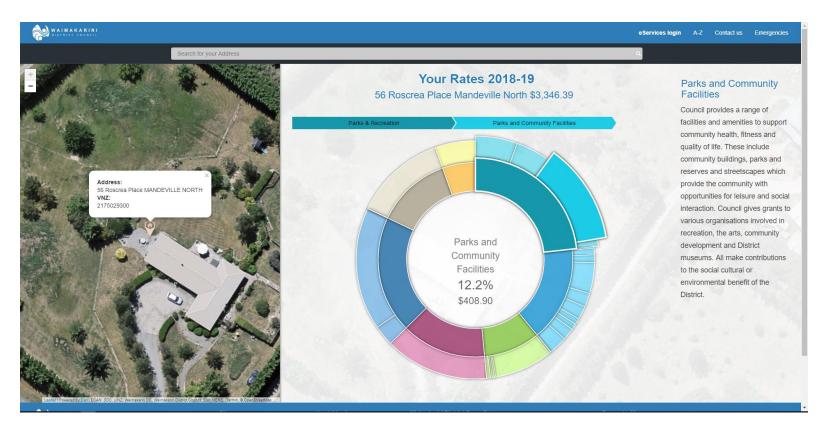


Bay of Plenty Regional Council rates' calculator



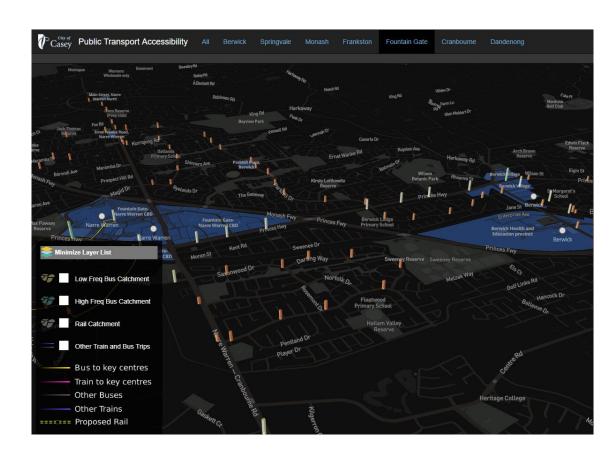
OBJECTIVE: To enable BOPRC to visually tell the story of the portfolios that rates fund, to enable rate payers to visualise their personal rates break-down and to get feedback on proposed spend.

Waimakariri District Council "Your Rates"



OBJECTIVE: To enable WDC to visually tell the story of the portfolios that rates fund, and to enable rate payers to visualise their personal rates breakdown.

City of Casey: Public transport accessibility



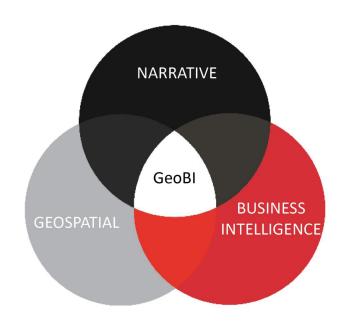
OBJECTIVE: To deliver insight into the inequality of public transport across Melbourne's South East

BASF: Goal tracker



OBJECTIVE: To help
BASF visually tell the
story of how it's
meeting UN
Sustainable
Development Goals.

GeoBI helps you achieve customer success



- Customer experience
- Engagement
- Transparency
- Understanding
- Relevance







Transparency / engagement



Improves customer experience by meeting customers online in a quick, interactive and easy-to-understand way

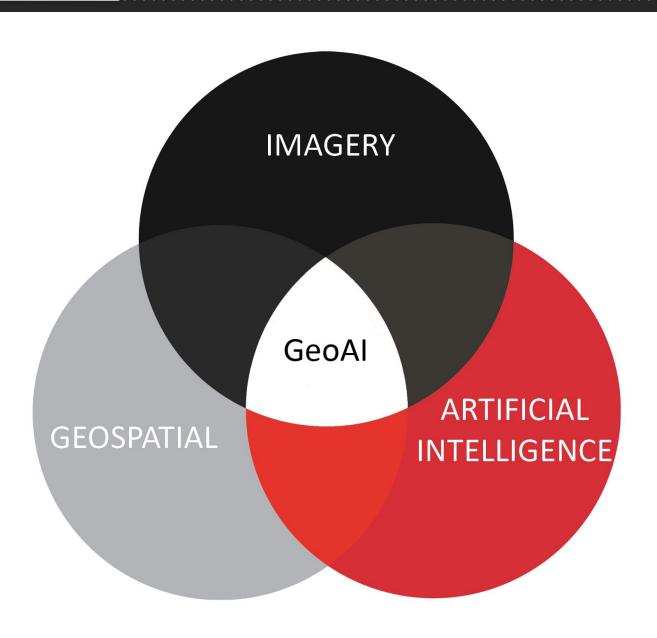
Earth observation data – BIG data - is increasing exponentially ... and fast

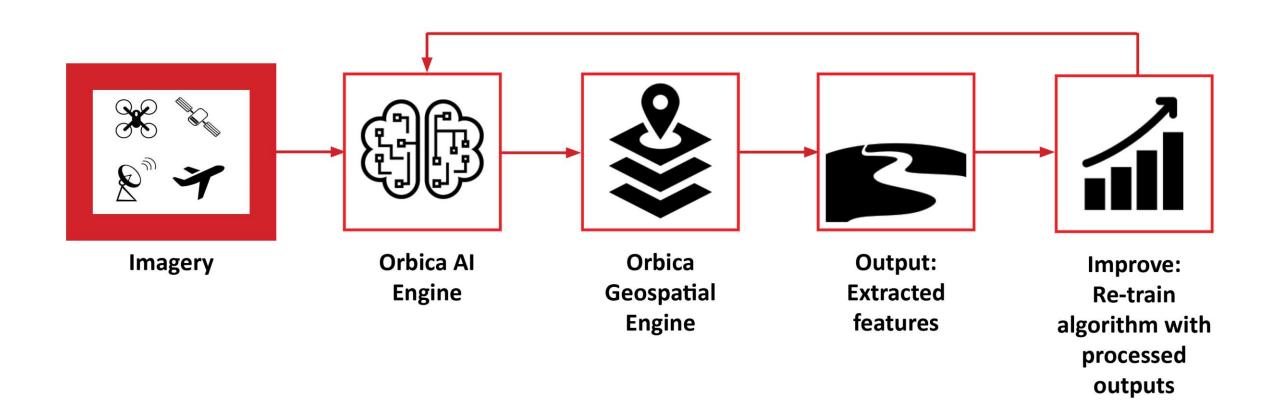




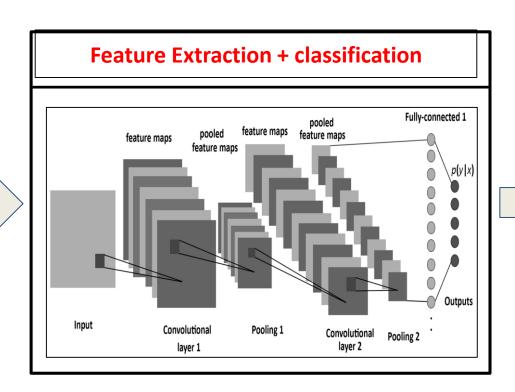
TRANSFORMING DATA INTO INSIGHT, IN NEAR REAL TIME, CREATES VALUE

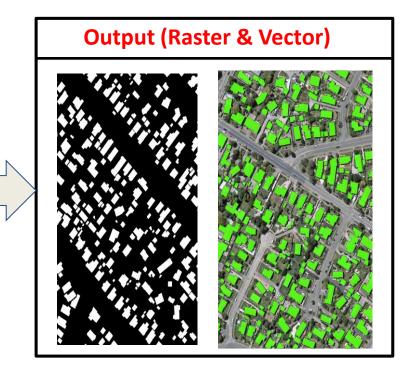




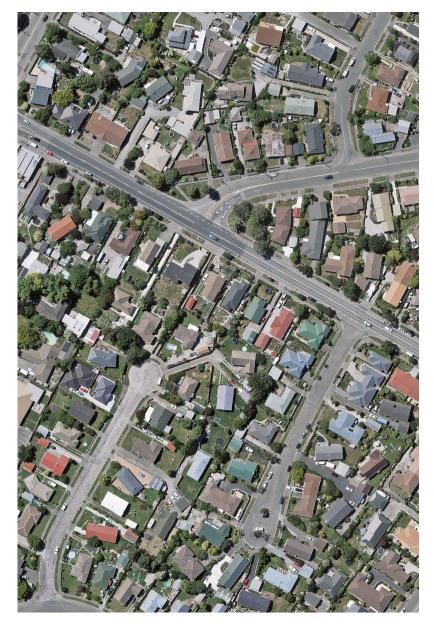






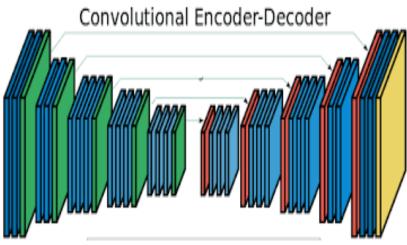








Orbica Al Engine





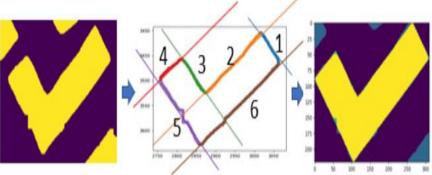




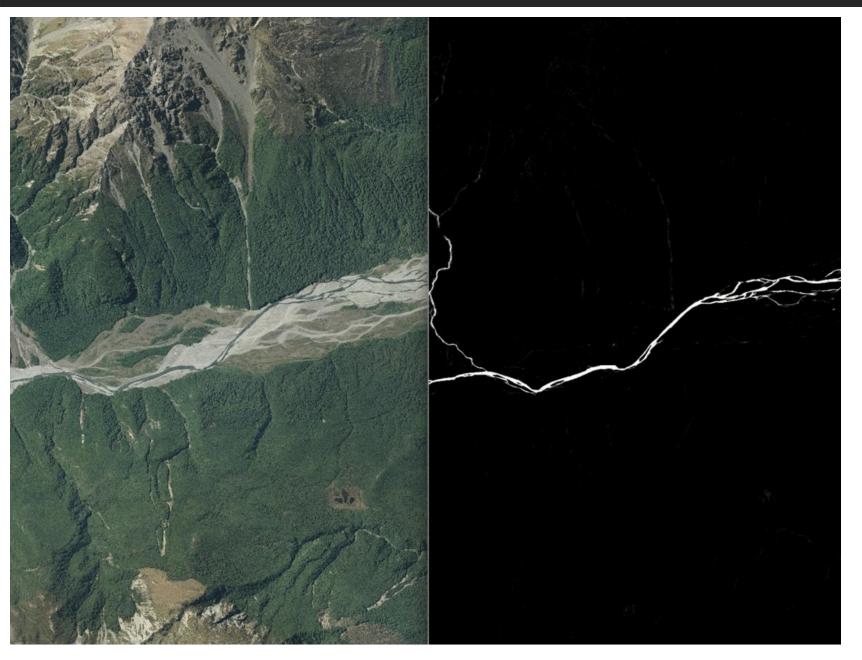


Orbica Geospatial Engine

Geoprocessing



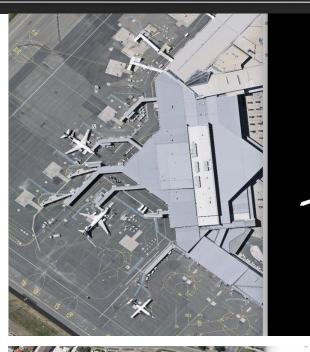


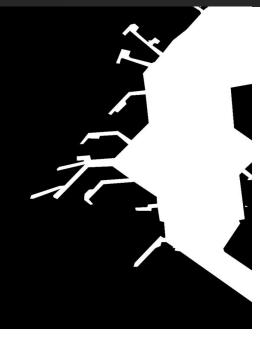


Water Detection use cases:

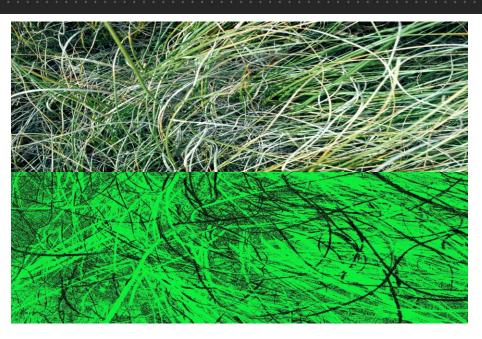
- Consenting/legislation/monitoring of water – i.e. identifying illegal water use
- Biosecurity and biodiversity protecting species/migration etc
- River monitoring flooding purposes
- Change detection
- Recreational purposes identifying fishing/swimming locations etc
- Emergency response

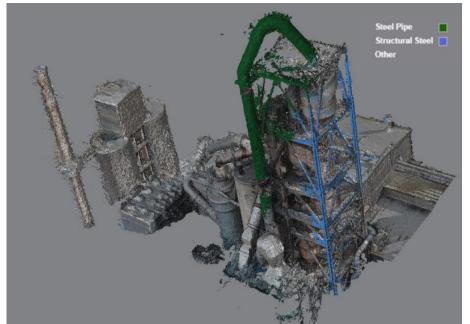


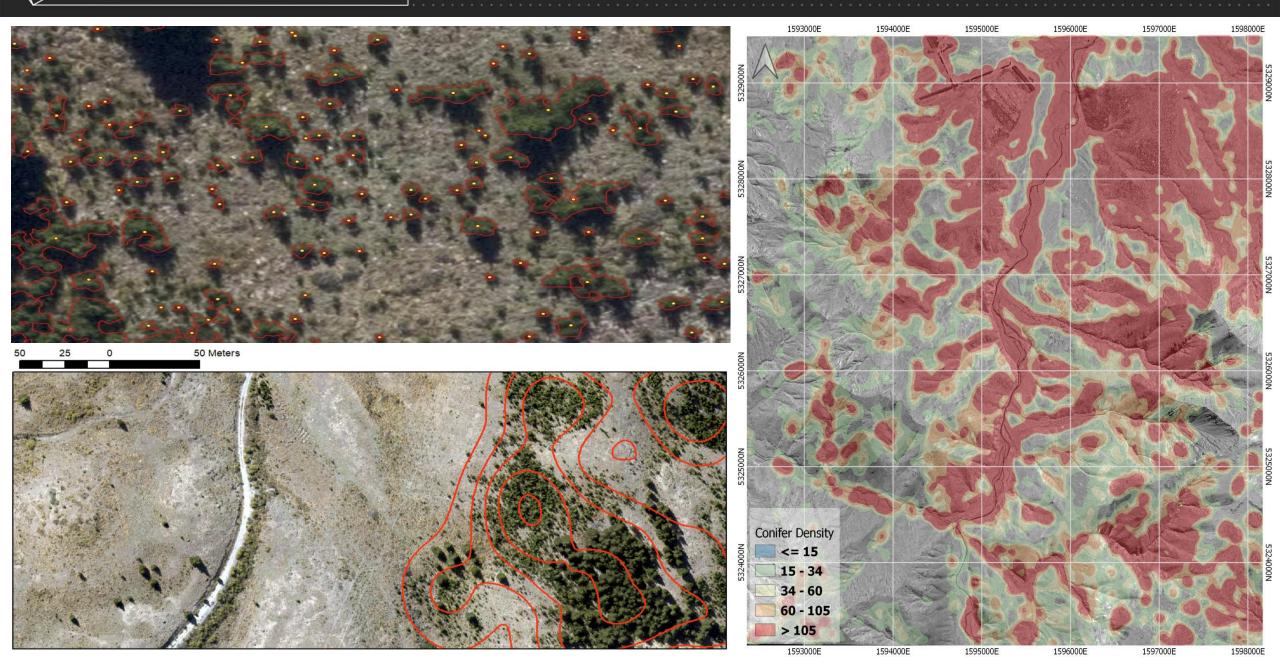














DATA AGNOSTIC

- Data from any source satellite, drone, aerial
- No vendor contracts



AS A SERVICE

- ➤ Near real-time results
- ➤ Instant feedback on results
- > Ease of process



VALUE

- Extract value from existing data investments
- > Flexible pricing models



GLOBAL

- > Data from anywhere
- Algorithm trained to locale specifics
- Custom algorithms on request

Location Intelligence 2019

- Digital geography
- https://www.locationintelligence2019.nz/
- ➤ NZ Tech Week

Conferences

- FOSS4G attendance Boston, Dar-es-salam Tanzania, Bucharest, Melbourne
- Locate
- Geospatial Research Conference

Internships and Mentoring

- ➤ University of Cant. GIS and Geography, and data science
- Signal ICT Graduates
- ➤ NZ Space Challenge
- Smart Seeds

Functions and tours

- > ALGIM
- > Foreign and national dignitaries
- ➤ New Zealand Aerospace Meetings

Sponsorships and Memberships

- FOSS4G Sponsorship (OSGeo)
- > TedX
- Children's Christmas party
- ➤ GIS in Conservation
- Chamber of commerce

Space and Spatial

- Operational tools
- https://explorer.orbica.world

Product Development

- Collaboration
- DevOps with deep geospatial domain knowledge

Our expectations as a Business Partner

- Introductions to networks
- Making more data available
- Breaking down barriers to NZ business working in Aussi

ROB PARSONS
Business Development Lead
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A FUTURE OF EXPERIENCE, INNOVATION AND CREATIVITY

Know the world, change the world