Your Future. Proven.

EFFECTIVE DATA ANALYTICS FOR IMPROVED EVIDENCE BASED PLANNING

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COMPANY DETAILS

Future Analytics

Planning | Research | Economics

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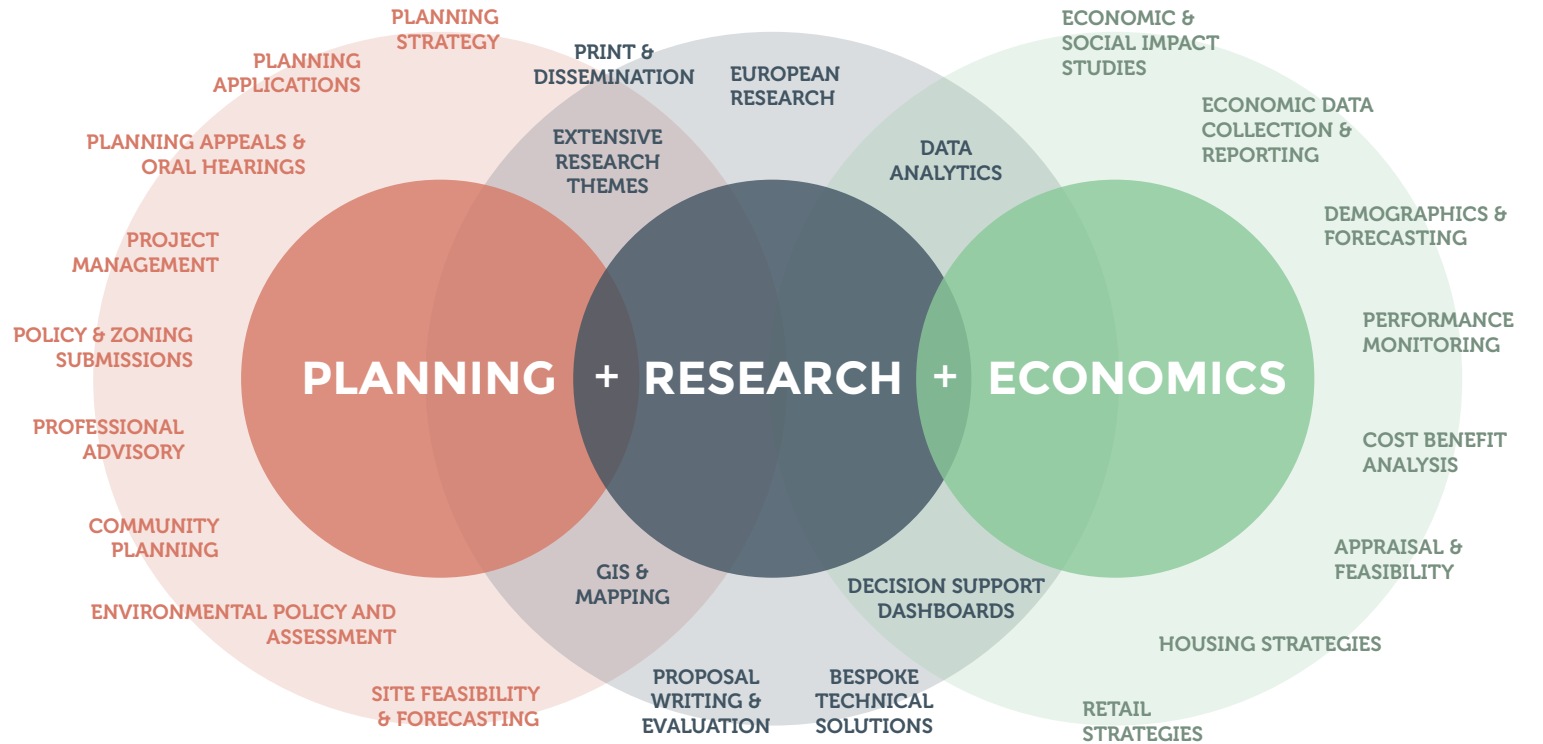🐦 @FACIreland

OUR BUSINESS IS EVIDENCE

SPECIALISTS IN **EVIDENCE** THROUGH THE UTILISATION OF DATA

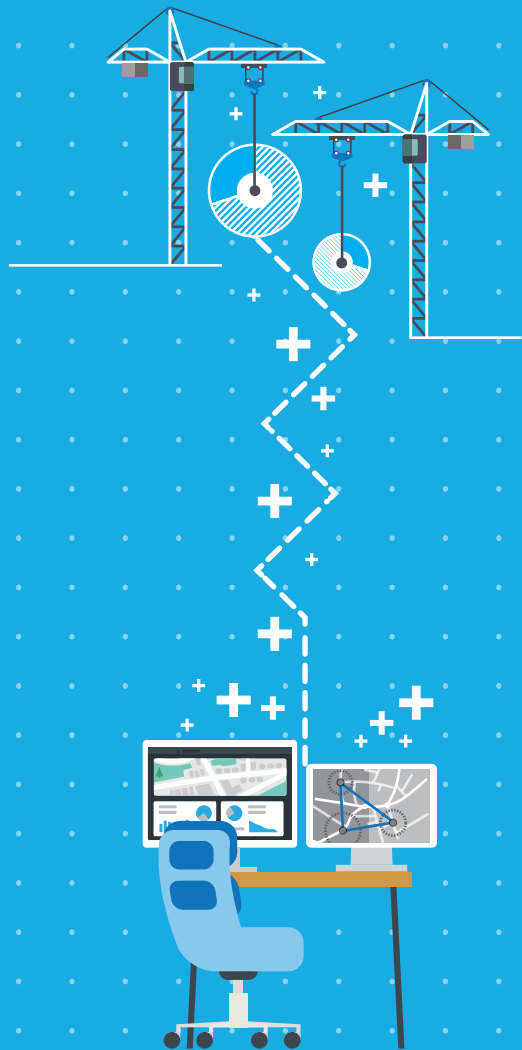FULL **TOWN PLANNING** AND **ENVIRONMENTAL** SERVICE OFFER

STRATEGIC INSIGHT TO **ENHANCE** DECISION-MAKING

ROBUST, CREDIBLE AND **DEFENSIBLE SOLUTIONS**

TRUST IN WHAT WE DO

PLANNING STRATEGY
PLANNING APPLICATIONS
PLANNING APPEALS & ORAL HEARINGS
PROJECT MANAGEMENT
POLICY & ZONING SUBMISSIONS
PROFESSIONAL ADVISORY
COMMUNITY PLANNING
ENVIRONMENTAL POLICY AND ASSESSMENT
SITE FEASIBILITY & FORECASTING

PRINT & DISSEMINATION
EXTENSIVE RESEARCH THEMES
GIS & MAPPING
PROPOSAL WRITING & EVALUATION

EUROPEAN RESEARCH
DATA ANALYTICS
DECISION SUPPORT DASHBOARDS
BESPOKE TECHNICAL SOLUTIONS

ECONOMIC & SOCIAL IMPACT STUDIES
ECONOMIC DATA COLLECTION & REPORTING
DEMOGRAPHICS & FORECASTING
PERFORMANCE MONITORING
COST BENEFIT ANALYSIS
APPRAISAL & FEASIBILITY
HOUSING STRATEGIES
RETAIL STRATEGIES

PLANNING + RESEARCH + ECONOMICS

POWER OF **DATA-DRIVEN** DECISION MAKING

> THE CONSTRUCTION SECTOR & PROPERTY MARKET REQUIRES SOLUTIONS WHILE ALSO FOSTERING THE ABILITY TO **EFFECTIVELY PREDICT & RESPOND TO CRITICAL ISSUES & FUTURE MARKET FLUCTUATIONS.**

> THE SUCCESS OF THESE IS LARGELY DETERMINED BY THEIR ABILITY TO UTILISE **EFFECTIVE TOOLS & PLANNING SUPPORT SYSTEMS THAT ALLOW THEM TO MAKE INFORMED DECISIONS BASED ON ACTIONABLE INTELLIGENCE.**

> TODAY, PLANNERS & OTHER BUILT ENVIRONMENT PROFESSIONALS UTILISE **DATA & GIS** IN A RANGE OF PROJECTS.

> **LIVEABLE COMMUNITIES, IMPROVING OVERALL QUALITY OF LIFE, PROTECTING THE ENVIRONMENT & PROMOTING ECONOMIC DEVELOPMENT** ARE KEY CRITERIA FOR LOCAL GOVERNMENT, BUSINESS ENTITIES & SOCIETY & THIS MUST BE RECONCILED WITH MARKET INTELLIGENCE, VIABILITY, & OTHER CRITERIA FOR THE MARKET.

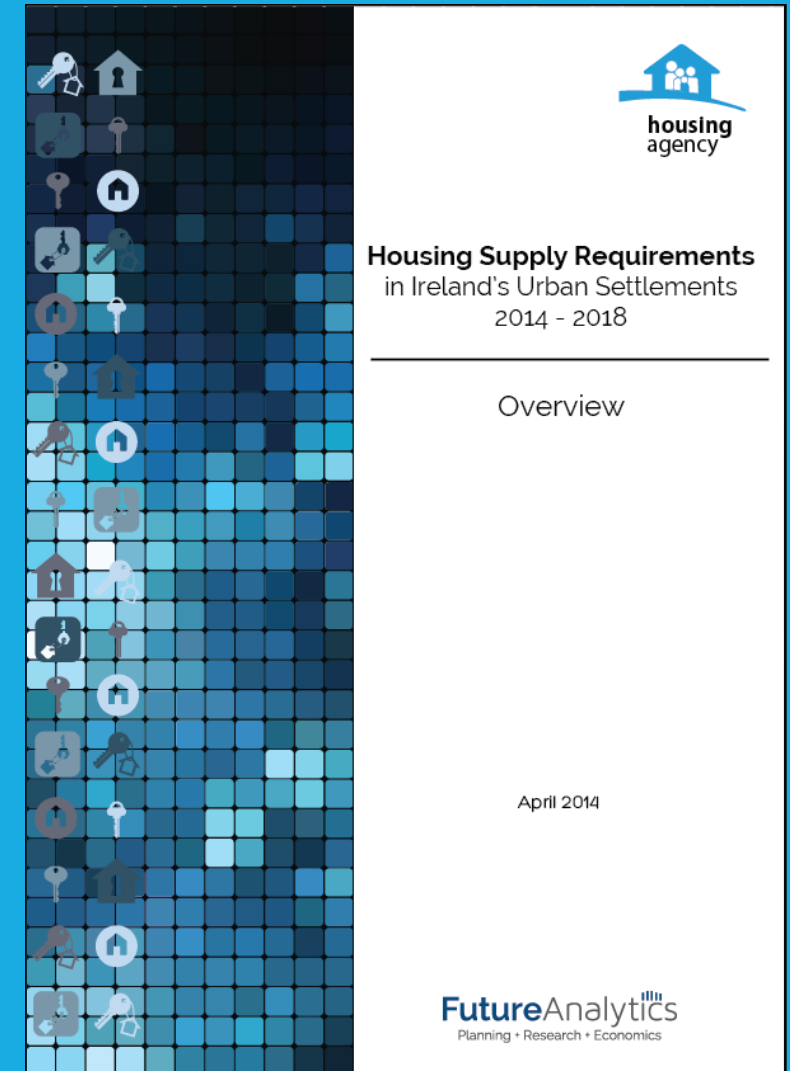> **DATA COLLATION, MODELLING, ANALYSIS & VISUALISATION CAN MAKE A SIGNIFICANT DIFFERENCE.**

VALUE ADDED: DATA ANALYTICS

National Housing Supply Requrements

EXAMPLE 1

272 Urban Settlements Assessed Nationally:

▷ Approx. min of 80k units required (over period 2014-2018)

▷ Average annual equivalent of approx. 16k units required
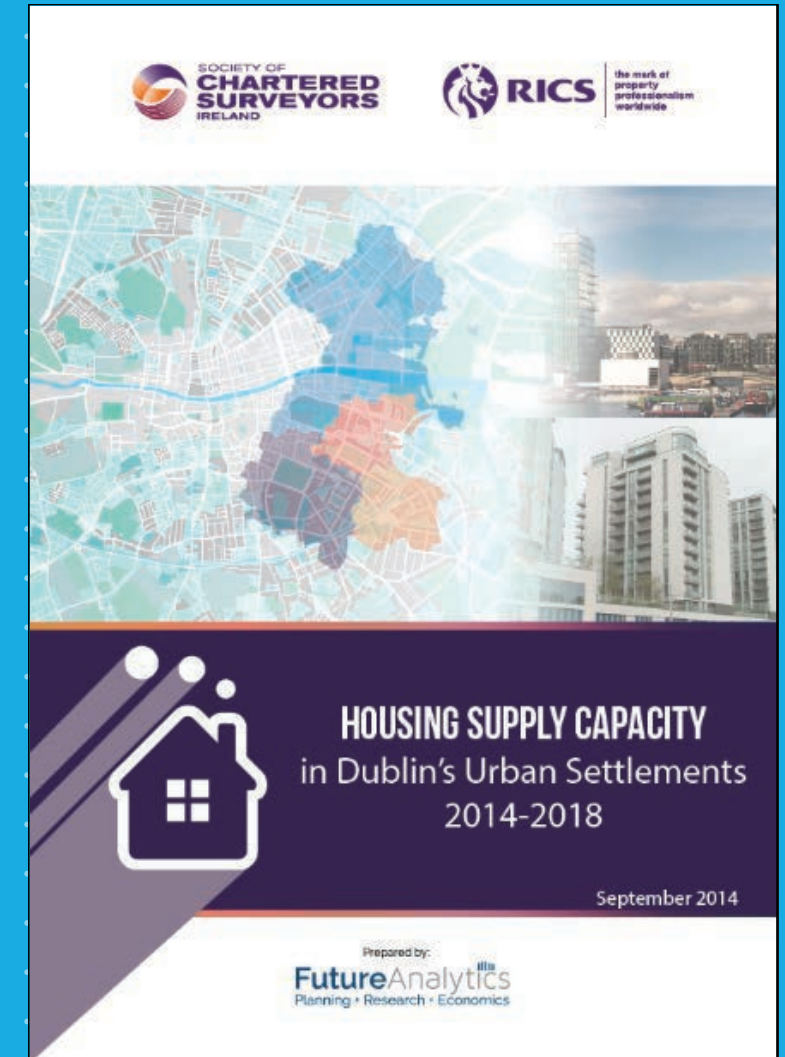
▷ Peaking at a supply requirement of 21k units in 2018

Population Projection · Household Composition · Intercensal Trends · Housing Stock · Vacancy Rates · Obsolescence · Housing Supply Requirement

housing agency

Housing Supply Requirements
in Ireland's Urban Settlements
2014 - 2018

Overview

April 2014

FutureAnalytics
Planning + Research + Economics

VALUE ADDED: DATA ANALYTICS
Dublin Housing Capacity 2014-2018

EXAMPLE 2

▷ How using ...**modelling** ... & ...**analysis** centred on ... integrated data collection & ... collation ... can enable key decision makers & stakeholders develop policies & plans that can lead to enhanced, citizen-centric sustainable urban planning & development.

FINDINGS

THERE ARE 2,233 ha OF LAND ZONED AND POTENTIALLY AVAILABLE FOR RESIDENTIAL DEVELOPMENT IN THE DUBLIN REGION

THE DUBLIN REGION HAS CAPACITY TO SUPPLY A MINIMUM OF 102,500 ADDITIONAL HOUSING UNITS

A FURTHER 269,000 PERSONS COULD BE ACCOMMODATED IN THE DUBLIN REGION UNDER MINIMUM RECOMMENDED DENSITIES
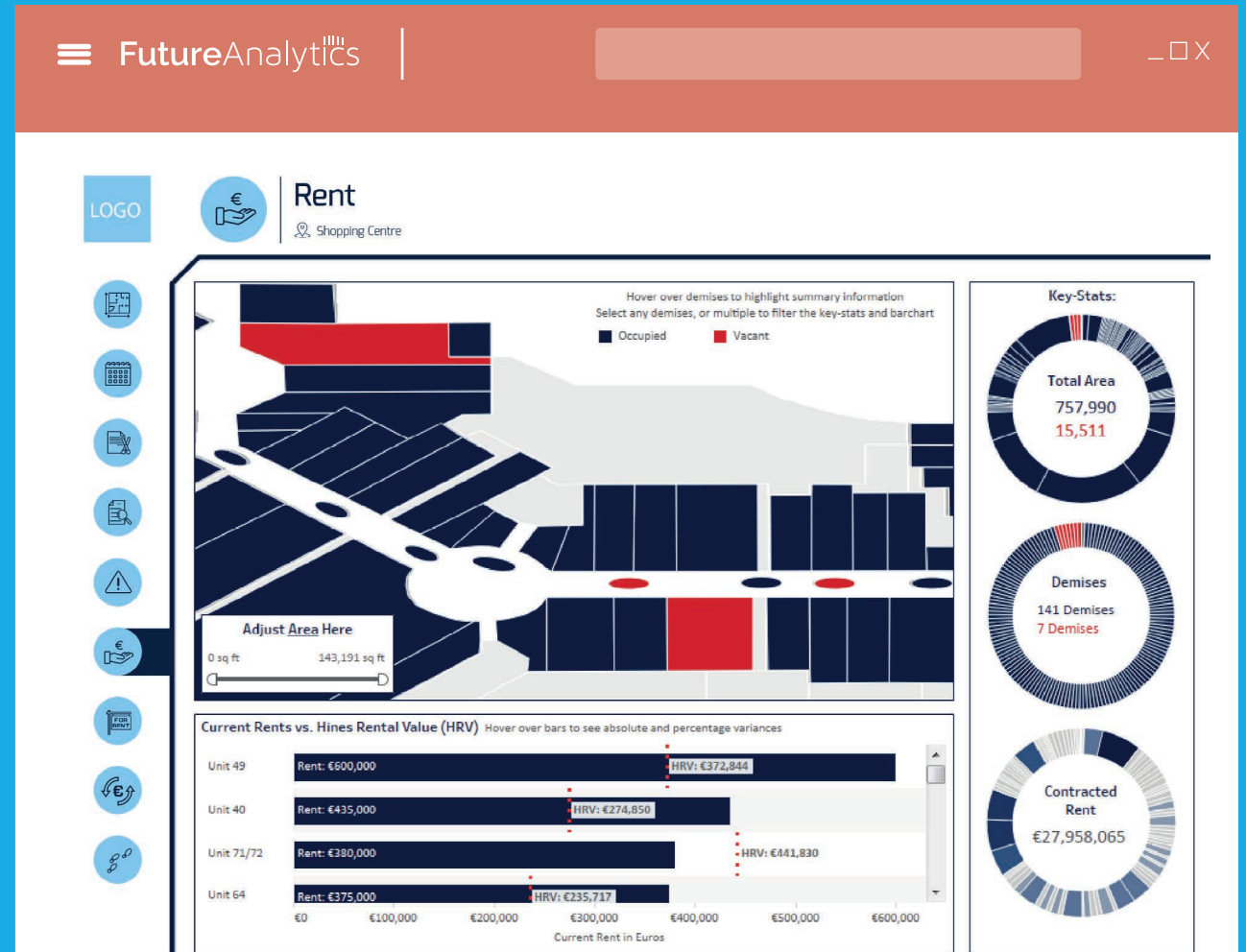
A SHORTFALL OF OVER 8.8k HOUSING UNITS EXISTS BETWEEN UNITS GRANTED AND THE REGION'S MINIMUM REQUIREMENT (2014-2018)

SOCIETY OF CHARTERED SURVEYORS IRELAND

RICS the mark of property professionalism worldwide

HOUSING SUPPLY CAPACITY in Dublin's Urban Settlements 2014-2018

September 2014

Prepared by:
FutureAnalytics
Planning • Research • Economics

VALUE ADDED: APPLICATION DEVELOPMENT
Asset Mapping

EXAMPLE 3

▷ **Gives a centralised view of the entire property portfolio**

▷ **Gain operational visibility into the performance of the entire portfolio or individual assets at a glance**

▷ **Make decisions informed with real-time analytics on lease break dates, rent reviews, etc**

VALUE ADDED: APPLICATION DEVELOPMENT
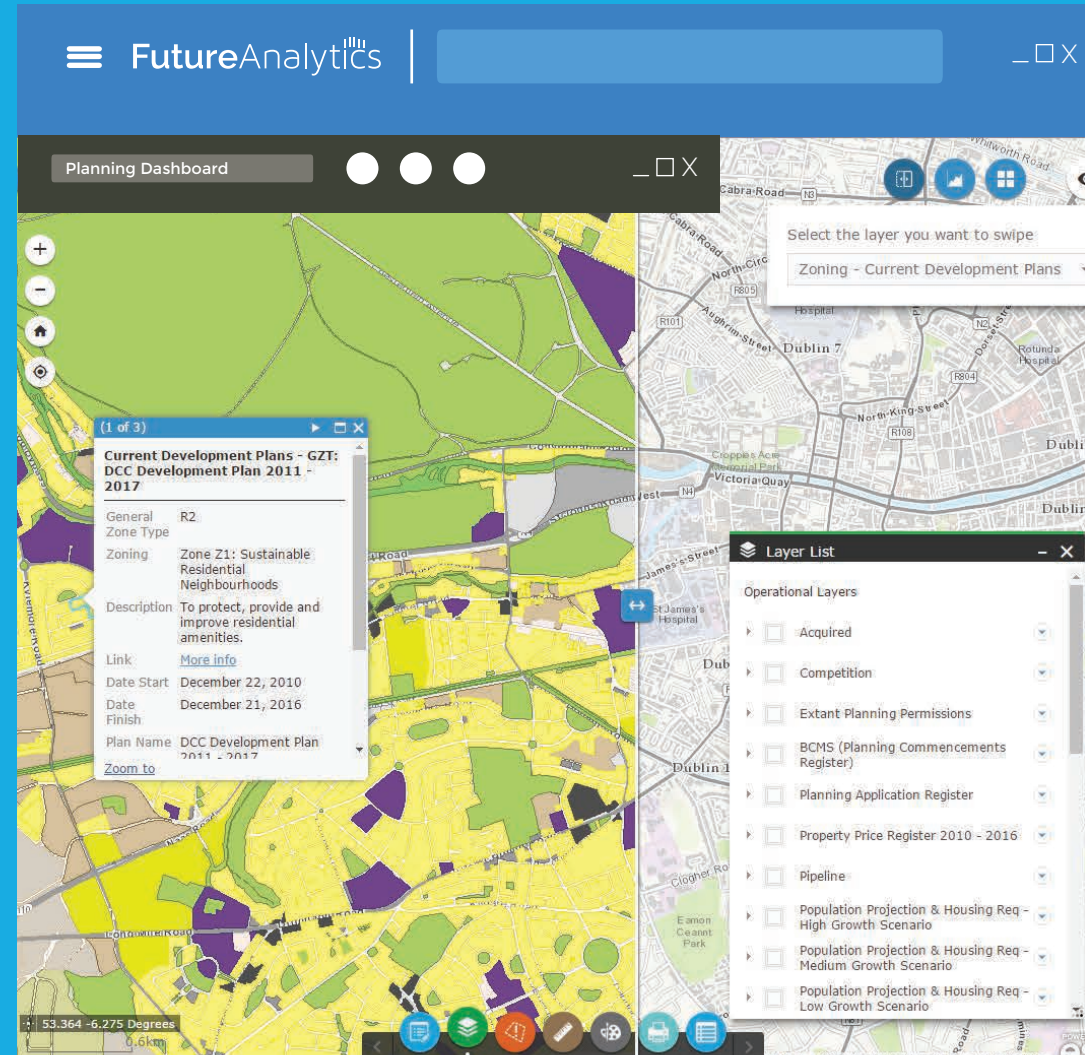## Decision Support Platforms

EXAMPLE 4

BESPOKE

Built to custom specifications and data needs

DATA-DRIVEN

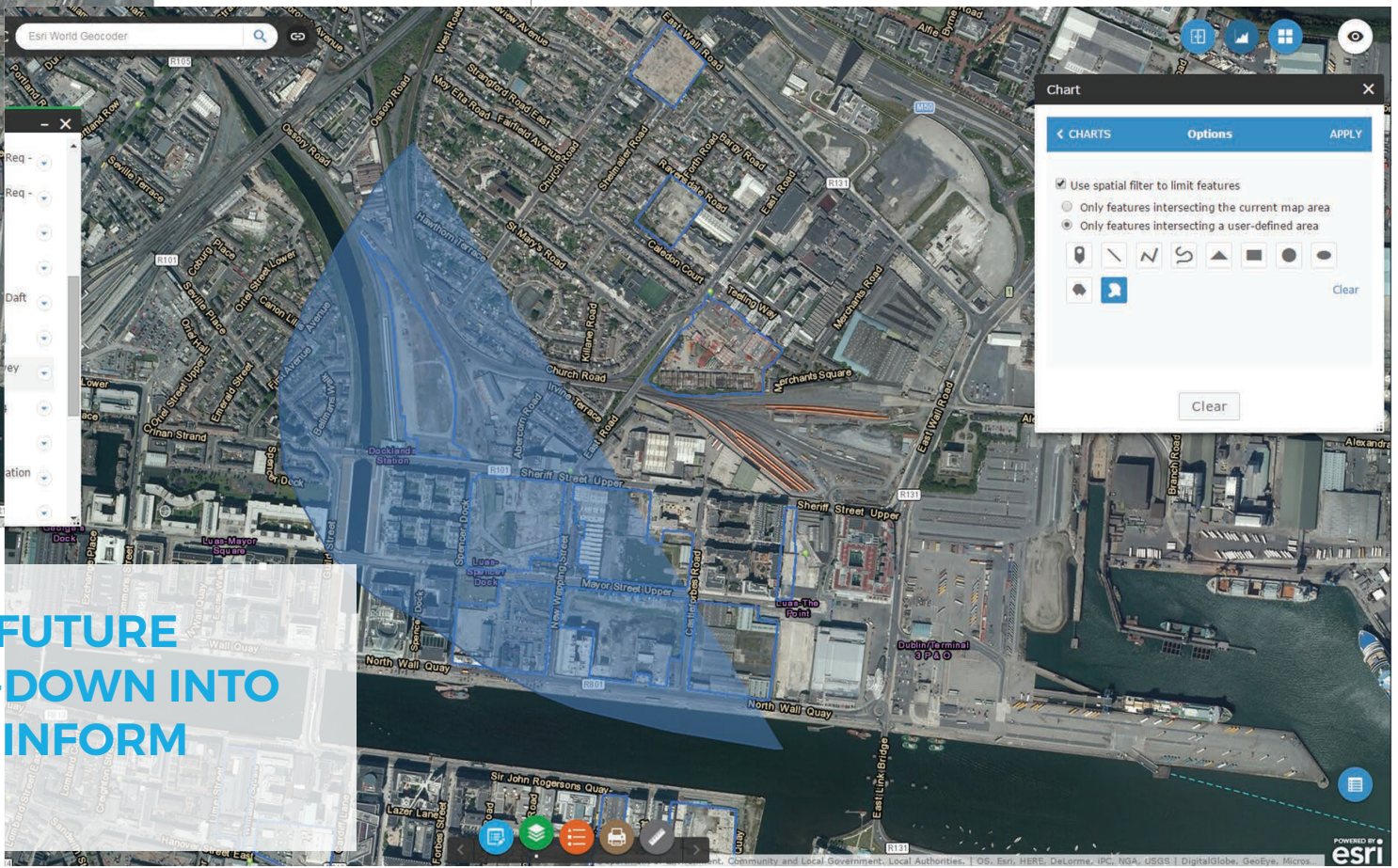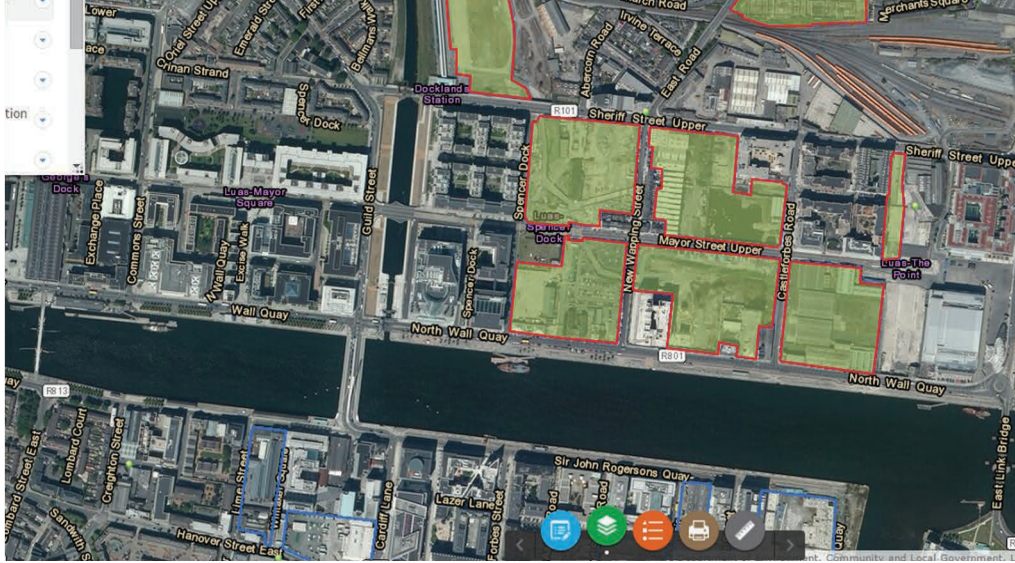Database for planning, economic, environmental and property market spatial statistics

MODERN

Private, web-based interactive applications to assist/support better up-to-date decision making

INPUT-OUTPUT

Users can generate custom charts, maps, graphs, spreadsheets, based on data and export all locally. Also facilitates direct data input from users

ANALYTICAL APPLICATIONS BUILT AT FUTURE ANALYTICS ALLOW CLIENTS TO DRILL-DOWN INTO REAL-TIME & TREND DATA TO BETTER INFORM DECISION MAKING
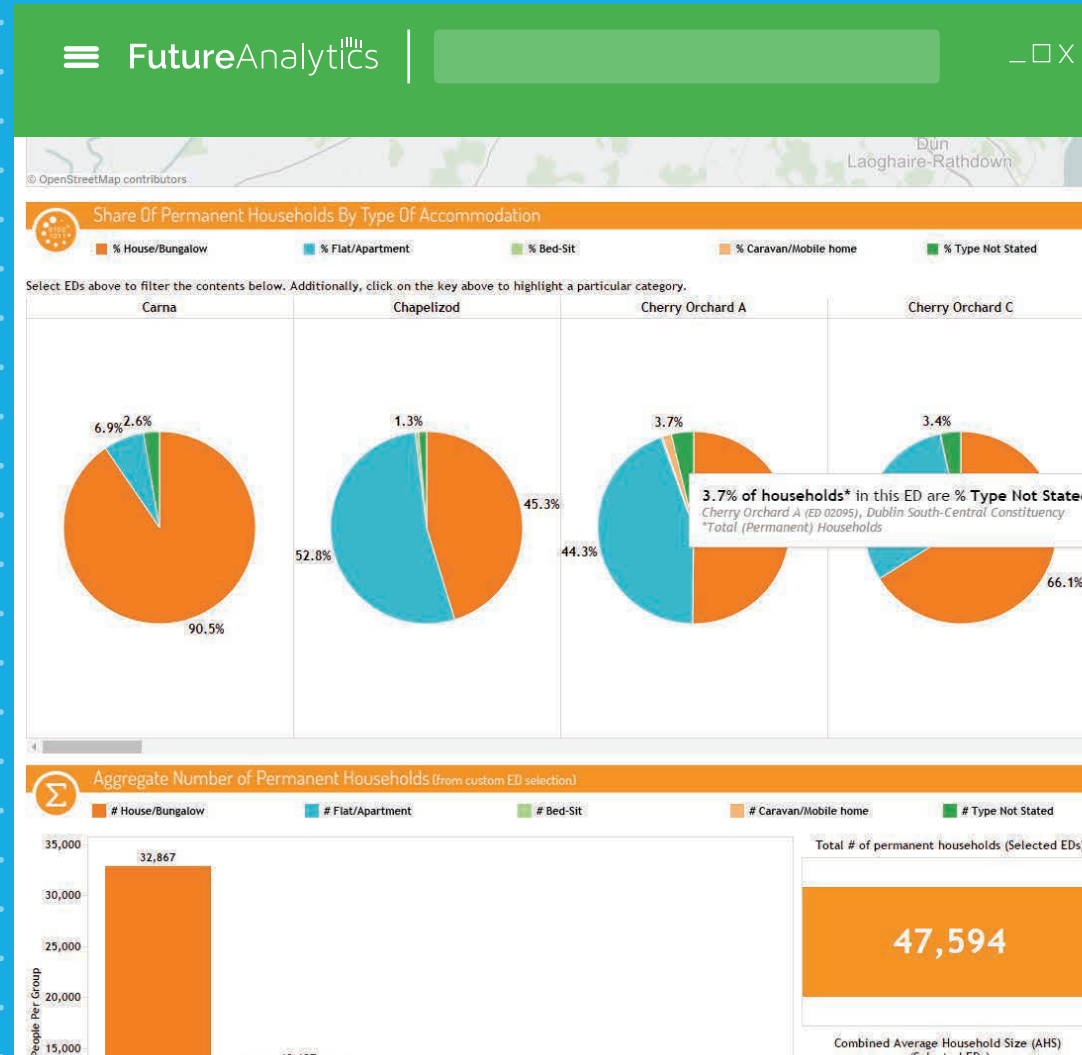
VALUE ADDED: APPLICATION DEVELOPMENT
Dashboards

EXAMPLE 5

BESPOKE

Built to custom specifications and data needs

DATA-DRIVEN

Street level demographic data across the country, detailed population projection models

MODERN

Responsive, mobile-ready web-based interactive decision support tools

CREATIVE

Built to be interrogated and used by non technical users. Stylish charting and information graphics

EXAMPLE 5

CONSTITUENCY DASHBOARDS FOR THE HOUSES OF OIREACHTAS DEMONSTRATING DEMOGRAPHIC, ECONOMIC AND SOCIAL DATA AT A SMALL AREA LEVEL.

GENERATES A BETTER UNDERSTANDING AND AWARENESS OF PEOPLE AND COMMUNITIES.

SUMMARY VALUE ADDED

BESPOKE TOOLS

Develop custom analytical tools to interact with live data, generate charts and output reports

ACTIONABLE INTELLIGENCE

Having robust and defensible evidence to inform investment and other strategic decisions brings efficiencies

DYNAMIC DATA

Discover open data and locational analytics to focus business objectives.

EVIDENCE-BASED

Strengthened business case and planning justification

BUSINESS INTEGRATION

Integration of data analytics and business acumen