

Introduction

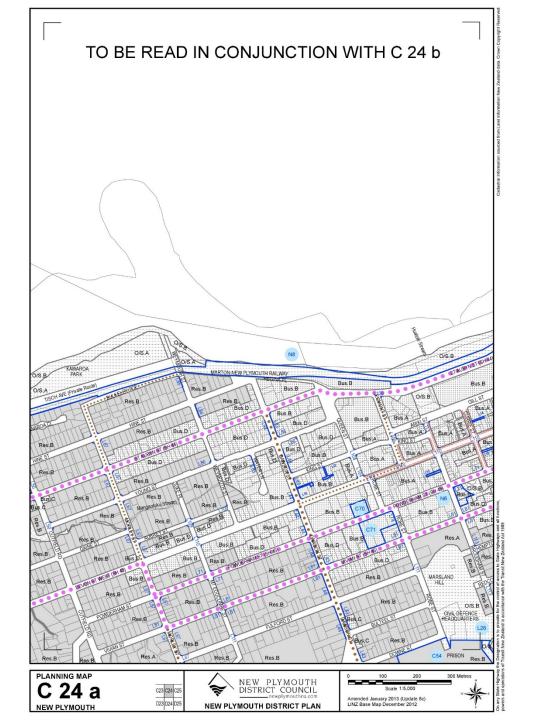
- New Plymouth is an area with a high growth rate (+1000 per year)
- Importance of the District Plan
 - Determines how the district will grow
 - Manages sites of historical and environmental significance
- Maps and spatial data have always played a large role in District Planning
- Keeping all spatial data in the District Plan up to date is challenging
- Story of our journey to a fully digital District Plan

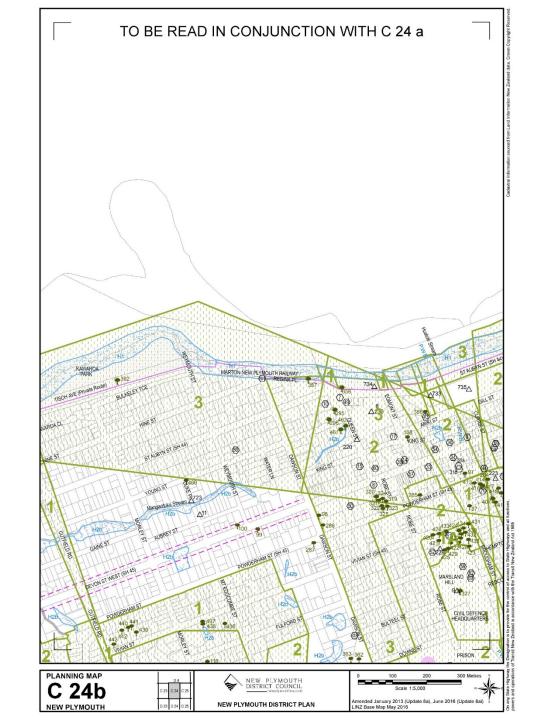




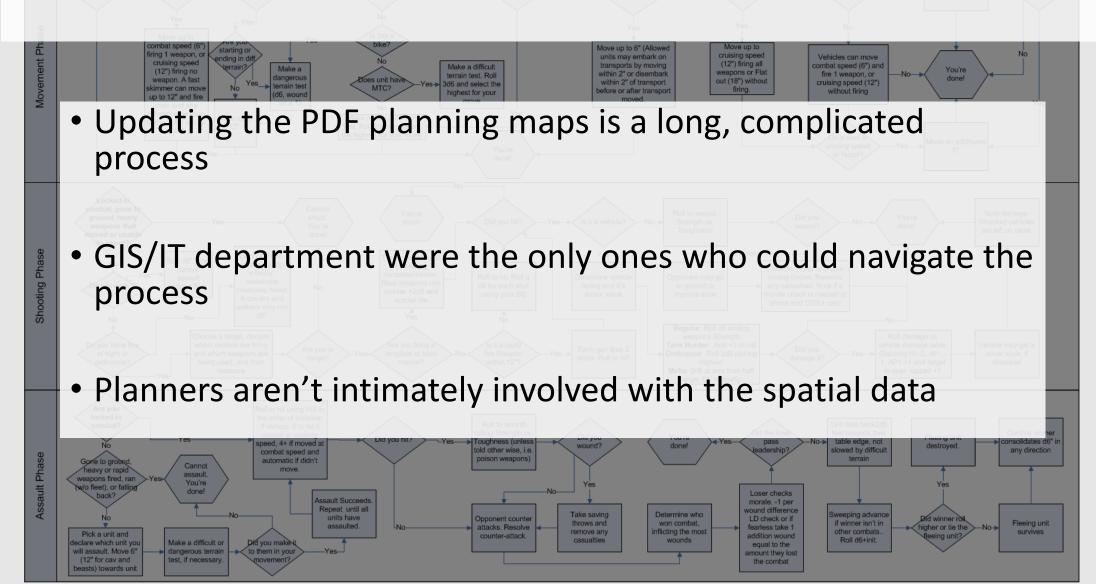
The Struggle with Printed Map Sheets

- So many overlays to display simultaneously
- Fixed zoom scale 1:5000 (urban), 1:15000 (rural)
- Data gets lost in the overlapping layers
- Ambiguity about what intersects what
- Updating base data impossible to keep up to date
- Constantly needing to re-export and supersede PDF sheets
- Someone could be making decisions from an old revision!!





Who owns the spatial data?



Building a New District Plan





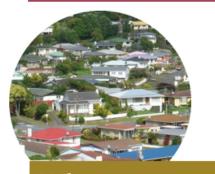
More certainty for investment and better outcomes





Encourage and build business confidence and good design

Where to do business



We are a growing community and we need to provide opportunities for housing

Where we are growing



We have an ever changing coastline and have updated coastal information.

Our coastal story

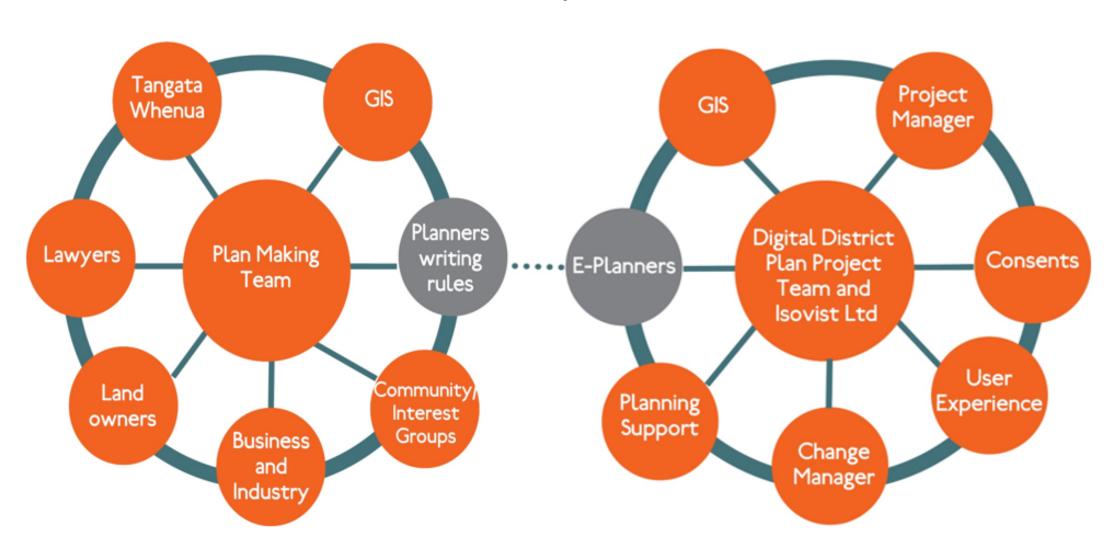
Going Digital

- Web-based
- Interactive
- Available across all platforms
- Mobile
- Easy to use and navigate
- Map-centric navigation

Project Management

- Went out to tender for the construction of the application
- We wanted a company that would work with us to get it just right
- We chose Isovist
 - Background in developing e-planning software
 - Working with AGILE methodology
- Business Transformation Unit (BT) ran the project
- GIS played a critical role from the very beginning

Engagement of Stakeholders User Experience

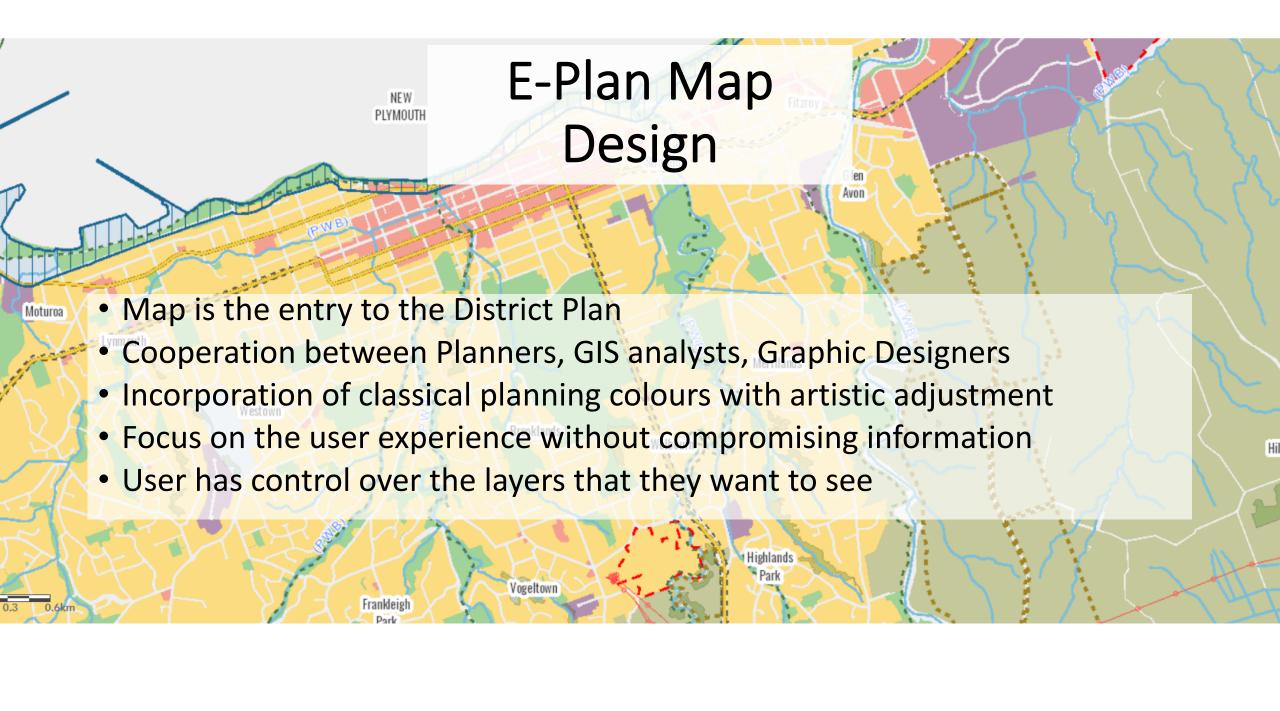


Using GIS to Inform Decisions

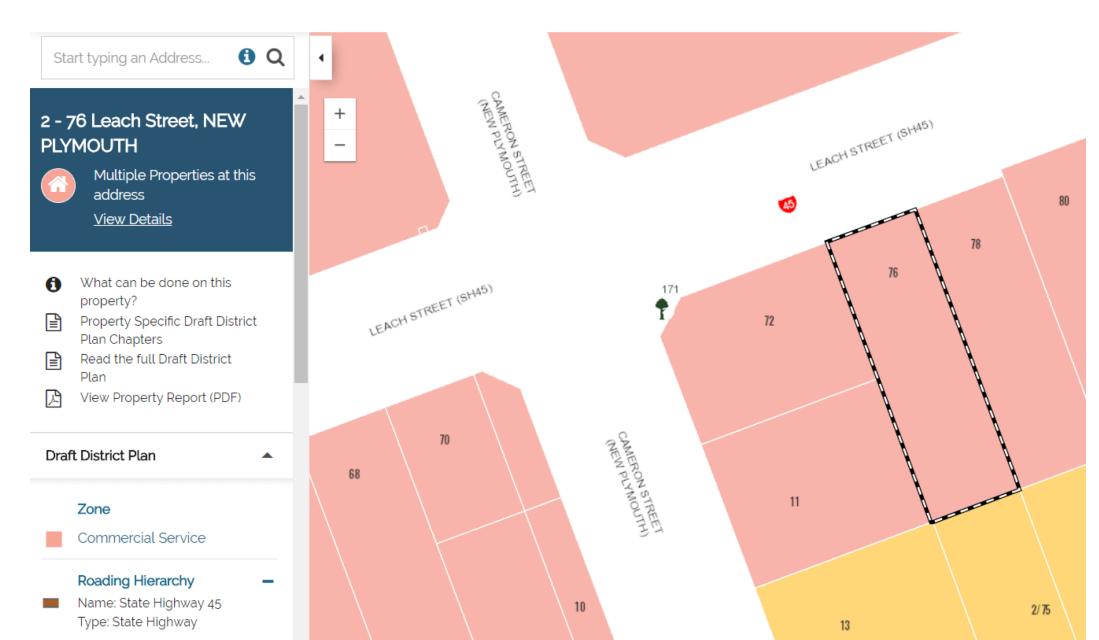
Moving from effects-based to evidence-based plan



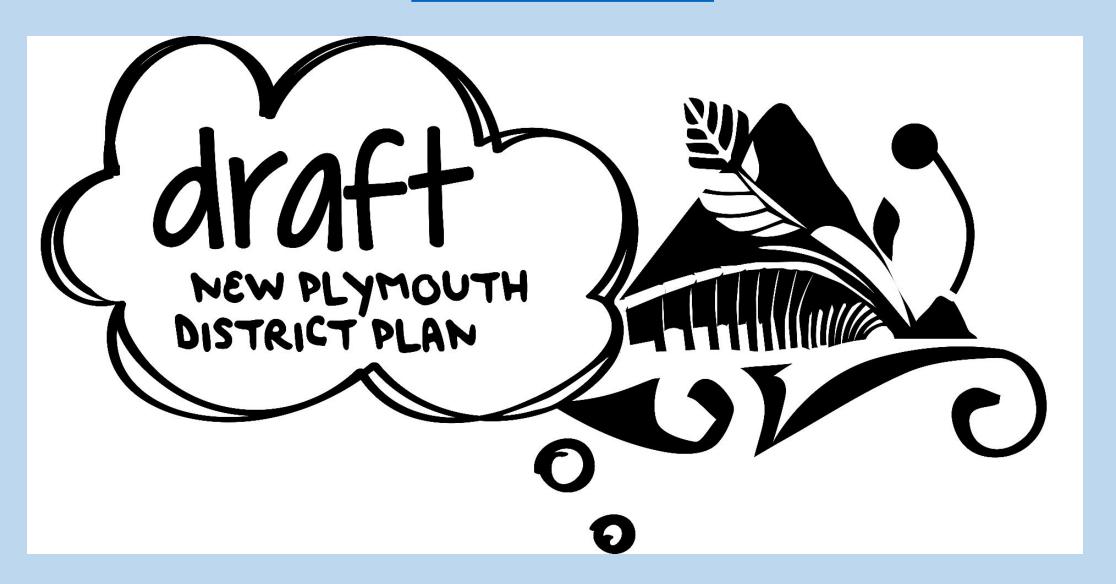




Left-Hand Panel



E-Plan Demo



Outcomes

Ratepayers

- Easily find information about their properties
- Self service is encouraged
- Content is more accessible

NPDC Planners

- Spatial literacy has increased by leaps and bounds
- The Planners now own, know and edit their GIS data

Industry

- Planners and developers can get information more quickly
- Security and confidence when choosing New Plymouth as a place to invest

Software Development

- Our development and design can be re-used
- Working together with Isovist has made a product which will benefit other councils

Outcomes Continued

 NPDC has been working closely with Ministry for the Environment (MfE) to establish a national planning map standard

 Standards will help remove ambiguity when comparing plans from different districts

Takes the guess work out of map design for GIS Teams

E-Plan Video

