

## **Final PROGRESS REPORT 31 August 2005**

### **QPSF, PILOT PROJECT: TRANSFORMING GEOGRAPHIC INFORMATION SYSTEMS INTO COMMUNITY INFORMATION SYSTEMS**

#### **Introduction**

This report is the fourth and final progress report for this pilot project.

#### **Progress update**

1. GIS software Mapinfo, GPS software and ArcView 9 have been purchased for mapping components.
2. Brisbane North Development Forum has continued to map Brisbane North suburbs in collaboration with this project. Interest has been expressed by the Brisbane city council for additional funding for this component of the project to deliver even wider community outcomes. This will be leveraged funding involving this project.
3. A Stakeholder meeting was held Tuesday February 15, presentation on progress discussions occurred. As a result additional higher level dialogue continues between Queensland Transport, Education Queensland, Department of Communities, Community Renewal (Dept Housing), Department of State Development and Innovation and the Gold Coast Youth at Risk Alliance (YARA) and the existing stakeholders.
4. Daniel Caldewyer has completing his Honours dissertation at QUT's Faculty Information Technology. The pilot open-source software containing the software integration, data mapping and analysis is still in a test environment. Additional funding will need to be obtained to progress this system into a production environment.
5. Carly Hall from Social Science specialising in Geography and Planning was engaged as a Research Assistant to undertake the mapping and data translation process for the project. Carly has become an integral project member within the Centre for Social Change Research and continues to develop potential applications beyond this pilot.
6. The ICT project funding from Education Queensland in which students from three local secondary schools (Albany Creek, Craigslea and Everton Park) continues to develop and explore cross sectoral curriculum and research applications and outcomes for semester 2, 2005.
7. Chair position for GIS within the QUT Institute of Sustainable Resources is still under negotiation. This position will coordinate and advance GIS initiatives.
8. The pilot testing phase will be with Stakeholders and technical collaboration from ANU. A web-based model has been developed that represents an operational process for community and stakeholders interface to GIS.

9. The development of the model was the focus of an ARC e-Research Grant Application in the March 2005 round, which continues the work from this QPSF funded project.
10. The Schools of Human Services at QUT and Griffith University are working together to explore the potential use of data results and physical mapping of service provision and case cluster mapping for YARA. The outcome here will have direct service delivery within the Gold Coast region, with the potential for further application next year.
11. A proposal for an ARC Linkage (September round) Grant is being developed for an international collaboration “get together“ to expand the pilot into an international cross disciplinary production and decision support tool. Likely members at this stage are QUT, GU, UWS, UTS, Layola (USA) and Science Shopfront (EU)
12. APAC’05 paper submitted.
13. The project budget has been finalised at the end of June 2005.
14. CIS general paper submitted to Lord of the Regions conference in New Zealand September 2005

## Timeline

The revised timeline for the project will be implemented from the receipt of funding in June 2004 and completed in May 2005 as detailed in progress report Introduction.

Stage 1 - June

Stage 2 - July to September

Stage 3 - October to November

Stage 4 - November to March

Stage 5 - April to May

Stage/Time	June	July-Sept	Oct-Nov	Nov-March	April-May
Stage 1 Facilitation					
Stage 2 Data Assimilation					
Stage 3 Data Analysis					
Stage 4 Application of Data					
Stage 5					



**Final Budget**

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BMNLEDS - Staff component	1600
Research Assistance – Salary	1842
Software Licences ArcView	4200
Research Assistance – Salary	5842
Working Scholarship – FIT Honours	8000
Laptop – Collection of field data and mentoring	4800
Tablet Notebook for Field collection and demonstrations	2800
Griffith University Researcher Development	5000
Research Assistance – Salary	9150
GPS Software and Misc	650
High Performance Computing Data Analysis	5000
Stakeholder Workshop	116
BNDF	1000
	50000