

	Government, governance & intergovernmental relations	Future regional economies	Life and people in the GCR	Sustainability in the city-region	Space and mobility	Data collection and visualisation
Year 1 projects (2011/12)	<p>1. Intergovernmental relations conference and case-studies. Support to the Gauteng Planning Commission in organising a major conference facilitated by Greg Clark, followed by a programme of solutions-oriented dialogues and case studies into various co-operative governance challenges*</p> <p>2. Government barometer. For the Planning Commission, a regular barometer (based (a) on consistent indicators & benchmarks and (b) insights from new research) *</p> <p>3. Higher education in the GCR. A descriptive and analytical perspective on the state of the higher education in the GCR, examining the role of universities in meeting the priorities and challenges of the city-region</p> <p>4. Conceptualising the GCR. Building on the initial data and analysis describing the GCR footprint, to produce various themed research reports which define the extent of the city-region and create a set of 'multiple footprints' showing the configuration of different perspectives constituting the space known as the GCR*</p>	<p>1. Urban space economy. Case studies and spatial data analysis to determine how economic activities are shaping up spatially in the GCR; how economic opportunities are shaped by space; and how economic developments are reshaping space</p> <p>2. Transitions to a future economy. Involves (a) a series of academic / government dialogues and (b) Project-Syndicate style commissioned opinion pieces exploring the nature of our future economy, and key opportunities and challenges *</p>	<p>1. Understanding quality of life in the GCR. In the short term, involves focus groups, academic engagements, a literature review and a re-analysis of our own survey data to determine questions for next survey. Beyond the next survey will involve time-series based analysis of quality-of-life, well being, etc. *</p> <p>2. The social fabric of the GCR. In the short term, this involves the analysis into race, identity and non-racialism. Beyond this, the project involves a similar exploration of other aspects, notably nation-building, class, status of women and youth *</p>	<p>1. Green Strategic Programme Completion of the current project for DED and a synthesis of findings for wider consumption</p> <p>2. Infrastructure transitions / metabolic flows. A resource inputs and waste 'flows analysis' and/or a series of case studies on the complexity of changing networked infrastructures in order to reduce these flows *</p> <p>3. Intersection between sustainability and disaster vulnerability. A study of key disaster related vulnerabilities in the GCR and how resilient the region is (government capabilities, rebound capacities of households, etc) *</p> <p>4. Green assets & infrastructures. Spatial study of open spaces, green assets and ecological systems services in the GCR, how they are being/should be valued, and analysis of public and private decisions shaping green space. Ideal as benchmarking study *</p>	<p>1. Spatial change in the GCR: Book 1 – Johannesburg and the Witwatersrand. Completion of first book in 2011/12 for publishing by mid-2012</p> <p>2. Understanding mobility patterns. With UJ-based academics, a study into changing commuter movement patterns in GCR (outputs in 2011/21 and 2012/23)*</p> <p>3. Transport planning discussion forum. With Roads & Transport, regular discussion forum on various transport issues (focusing on key issues emerging in the 25-year GPG Integrated Transport Master Plan)</p> <p>4. Peripheries and rural / urban transitions: In partnership with Wits academics, Helen Suzman Foundation, CSIR, etc. a comprehensive study into the spatial economics, human-settlement dynamics and population movements shaping the edges of the city-region, with a focus on small towns and peri-urban areas *</p>	<p>1. Quality of Life Survey 2011/12. Next round of quality of life survey.</p> <p>2. The new-data project. Sustained investment in new data innovations in four areas including (i) IEC voter moves dataset. Subsequent years will focus on (ii) geocoded household income from credit-bureaus and other sources (iii) CIPRO data or equivalent, (iv) tracking freight- and commuter-vehicle movements *</p> <p>3. Interactive GIS public-access website phase 2. Development of new website tools that enhance g-government. Will involve additional data layers and themes, time series animation of spatial change, and providing users with the ability to add their own data *</p> <p>4. Indicators and benchmarks. Sustained investment in both collecting and publishing basic data on the GCR, and benchmarking with other city regions (this is both a project in itself, and a way of working across all projects) *</p>
Year 2 & 3 projects (2012/13 & 2013/14)	<p>5. Metro-form of government in Gauteng. Detailed examination, through dialogues and research, of the implications, costs and benefits of moving to metro-only local government arrangements in Gauteng</p> <p>6. Mechanics of expectation. Ethnographic studies into how expectations (for services, housing etc) are defined and 'registered' with government, and how these are interpreted and managed by ward-councillors, front-line officials, departmental officials, etc</p> <p>7. Political economy of infrastructure choices. Case studies into political economy and political ecology implications of specific infrastructure development choices (note link to infrastructure transitions)</p>	<p>3. Understanding the regional system of innovation. Building on the work done by HSRC for the OECD Territorial Review, comprehensive analysis of the public, private and higher education systems for fostering R&D and innovation</p> <p>4. An inclusive and sustainable growth path? Based on research and academic / government dialogues, an assessment of whether the growth path choices we are making are inclusive/equitable and sustainable</p>	<p>3. Poverty and inequality in the GCR. Again using the same base datasets, experts to pull out the poverty and inequality trends and implications in a series of papers and dialogues</p> <p>4. Neighbourhood inclusions and exclusions. Case studies of various neighbourhoods examining how they constitute themselves through local civil life, and changing patterns of inclusion and exclusion</p> <p>5. Visualising the city-region. Partnership with university based arts departments to creatively render understandings of the city region</p> <p>6. The GCR and its people. Documentaries (in photos and words) of people in different corners of the GCR, exploring how and where they live, and how they relate to local neighbourhoods and the wider regional space</p>	<p>5. Dimensions of a green economy. Case study 'takes' on actually existing / emerging aspects of a green economy in the GCR</p> <p>6. State of energy report for Gauteng. Working with GPG's Energy Office, an overview of energy-use and challenges (will include basic energy data gathering, assessment of strengths and weaknesses, analysis of future policy options, and evaluation of targets and demonstration projects that show the way to positive change)</p>	<p>5. Spatial change in the GCR: Book 2 – Pretoria and its hinterland, and Book 3 – The mining and industrial arc. Completion of second and third books in 2012/13 and 2013/14</p> <p>6. Government spatial imaginaries and capabilities for sustainable human settlements. A study into how provincial & local governments are defining spatial visions for their areas (with an emphasis on how to develop and redevelop human settlements), and what resources and tools are available to translate vision into reality</p> <p>7. The transformation of inner city nodes. A study into the changing dynamics of smaller inner-city nodes across the GCR, and government efforts to re-develop them</p>	<p>5. Quality of Life Survey 2013/14. Write-up of the 2011/12 data in various sectors (e.g. health, education, transport, etc). In 2013/14 a much larger sample survey, ideally based on co-investment by government departments and municipalities</p> <p>6. Creative data visualisations. Through competitions etc investment in more compelling representations of data about the GCR</p> <p>7. Public information on the GCR. Building on the GIS website, further investment in this facility and others, e.g. mobile technology applications that provide GCR info to smart phones</p> <p>8. State of the City-Region Review. The second SoGCR, based on 2011 'Quality of Life' Survey and other data, will be done in 2013</p>
Reserve-list projects	<p>8. Financing the GCR's future development. Policy analysis into provincial and local government's resource requirements and spending commitments (including a spatial analysis of capital and operating expenditures)</p>	<p>5. Shadow economies. Given that crime and corruption are key issues in the GCR, an investigation into the dynamics of underground economies</p>	<p>7. The creative industry in the GCR. Cataloguing and analysis of various creative initiatives in the city-region, and assessment of (a) whether this creativity is being adequately supported, and (b) how creative industries promote both social and economic development</p>	<p>7. Beyond GDP indexes. Development of a globally cutting-edge set of indices that measure happiness, well-being, etc</p> <p>8. 'Sustainable region' design competition. A competition with a defined number of design teams to imagine the future of the GCR through a sustainability lens.</p>	<p>8. Urban-Sim Modelling. Partnering with the CSIR to model urban growth patterns, and optimal urban form options, over a 30-year period, based on a range of economic, demographic and spatial planning policy scenarios</p>	<p>9. Demographic surveillance surveys. In the years between the QoL Surveys, selection of sentinel sites for a dwelling by dwelling survey. Over time may also involve tracking surveys of households who have moved</p>

* multi-year projects (for year 1 only – will be identified in each Annual Workplan)