

Metropolis | Cities in Transformation - Porto Alegre, Brazil Gareth Haysom | 24 November 2011







City of Cape Town Cape Town's EF (Summary)								
	Crop	Pasture	Sea	Forest	Built	Energy	Total EF	Biocapacity
EF South Africa 2006 (2003 data) (pop: 45 Million)	0.38	0.23	0.05	0.17	0.05	1.35	2.30	2.0
EF Cape Town 2006	0.73	0.44	0.10	0.32	0.10	1.35	3.04	
	24%	14%	3%	11%	3%	44%		
Ecological Defic Big contributors - Energy 44% - Food 41% (fresh produce about 1	·		1.0)		Sour	ce: Gasson, 2	002 & Hansen	, 2009





















## In conclusion

- Peri urban agriculture allows for the integration of a number of urban development challenges.
- The dual lenses of food and energy are key in the recognition of the broader sustainability challenges of the urban form, particularly into the future – loci of critical fault lines.
- For most cities, but for developing cities particularly, peri urban areas are under extreme threat to other (often more immediately "evident") development imperatives.
- Small scale livelihood land use options add some value but larger more integrated areas, such as peri urban areas, offer far greater benefits –through economies of scale but also socially and ecologically.
- The energy food nexus is key to a sustainable city and peri urban agriculture adds real value to the PUI.



