

**ANNEX 2:
COMPENDIUM OF TOOLS AND REFERENCES (draft 1)**

LANDSCAPES FOR LIVELIHOODS TOOLKIT: CATALOGUE OF TOOLS AND REFERENCES TO SUPPORT EACH COMPONENT			
COMPONENT	KEY ELEMENTS	TOOLS & METHODOLOGIES	REFERENCES & READINGS
STREAM 1: SOCIAL, INSTITUTIONAL & MARKETING ELEMENTS			
1: STAKEHOLDER ENGAGEMENT	Community mobilizing and capacity building (including stock owners and leadership)	<ul style="list-style-type: none"> • Participatory community engagement process (ERS, 2015), • The Problem Tree (Motseng 2014), • Land Reform biodiversity stewardship initiative, • Introduction to Env stewardship (EWT) • Records of Motseng mobilisation and monitoring meetings (collection of proceedings, ERS 2012-2015)UNEP refs and guides (separate refs) • A3 Poster set for emerging model (UCPP 2014) 	<ul style="list-style-type: none"> • Turner. 2012. Conservation and poverty alleviation, • Waterton. 2015. Committing to place plos biology • Stakeholders, partners and role-players in CBNRM • T. Shata, 2015: PPT to SCCP on People & Conservation
2: MARKET ACCESS	Enabling incentives; sharing health perceptions; condition and grading requirements	<ul style="list-style-type: none"> • Red meat Market and communal beef cattle supply (ref) • MNI refs from Sarah and Rosie 	<ul style="list-style-type: none"> •?
3: ESTABLISHING AGREEMENTS	Mutual obligations, ensuring commitment, clarifying expectations for all parties	<ul style="list-style-type: none"> • Draft Conservation and Agriculture Agreement Biodiversity and Red Meat Cooperative (BRMC) • Motseng draft livestock agreement (ref and date) 	<ul style="list-style-type: none"> •?
4:SUSTAINABILITY & RESILIENCE	Building on traditional and accepted systems; financial management; independence from project support; monitoring	<ul style="list-style-type: none"> • Financial Services & Livelihood Security for Poor & Vulnerable Groups (Save Act, ref, date) • Citizen science EGS monitoring toolkit (EWT) • Monitoring recording form (ERS, 2015) 	<ul style="list-style-type: none"> • Financial Services & Livelihood Security for Poor & Vulnerable Groups

STREAM 2: LANDSCAPE RESTORATION & PRODUCTION			
COMPONENT	KEY ELEMENTS	TOOLS & METHODOLOGIES	REFERENCES & READINGS
5: RANGELAND REHABILITATION	Alien clearing techniques for grassland recovery; rotational resting; restoration techniques; mapping and monitoring	<ul style="list-style-type: none"> • Using cattle as 'tools' for communal rangeland restoration (ERS, 2014); • Rotational resting: a practical solution to maintain or improve communal rangelands. • Rotational resting: a practical solution to maintain or improve communal rangelands . Brigid Lett, Lumko Mboyi and Susan Carter-Brown (date) • Trampling as a recovery tool (McLeod, 2015) PPT • Motseng before and after poster, 2015 • Potential of grassland rehabilitation through high density- short duration grazing sequester atmospheric carbon: Chaplot, V., Dlamini, P. Chivenge, P. (2016) 	<ul style="list-style-type: none"> • Communal custodianship - alternative incentives for sustaining land restoration; Matela, S. McLeod, N. Frazee, S. • Changing tack: alternative management approaches for controlling the spread of invasive wattle in communal landscapes: N. McLeod. • Institute of Natural Resources, Lima Rural Development Trust; 3 NatureStamp

6: ECORANGERS AND ROTATIONAL GRAZING	Training; herding and livestock husbandry skill sets; careers for ecorangers; links with rangeland rehabilitation component 5	<ul style="list-style-type: none"> • Livestock herding – Matatiele area, July2015; • Consolidated observations and recommendations on the eco-ranger project: eco-ranger concept site visit held on 31st August in Ongeluksnesk Motseng area, Matatiele, South Africa • Ecorangers programme stewardship, July 2014. • Ecorangers programme MDTP, July 2014. • CSA and Ecorangers, Dec 2013; • CSA and Ecorangers, March 2014. • Motseng Land and Livestock management, start of grazing season, September 2015. 	<ul style="list-style-type: none"> • UCPP. 2014. ECORANGERS FOR LIVELIHOODS AND LANDSCAPES: Reflections from a year of implementation • Ecoranger concept DEA MAREP PPT: N. McLeod, Oct 2015
7: LIVESTOCK HEALTH	Nutrition; healthcare, inoculations and 'paravet' functions and training (linked with component 6)	<ul style="list-style-type: none"> • Guidelines to Ensure your Animals are Healthy, KZN DAEARD and MRDT 2011. • Body condition scoring, Brigid Letty (Lima DEA Umzimvubu NRM LUI Project), May 2015 • Gerbrand and Pumlani refs? Lumko? 	<ul style="list-style-type: none"> • Some thinking on community livestock management on natural veld.(ref)
8: FIRE MANAGEMENT	As threat and as tool; control and management; prevention and response	<ul style="list-style-type: none"> • Veldfires presentation, Compiled JP du Plessis . July2014 • Fire Management in the Grassland Biome (ref) • Fire ecology lecture fire—a key factor in the ecology and management of African grasslands and savannas S.W. Trollope, July 2014 	<ul style="list-style-type: none"> • Assessment of Veld Condition Using the Adapted Point Centred Quarter Method For Bush Surveys. <i>D. van den Broeck. P. de Bruyn. R. Goode. L.A. Trollope. W.S.W. Trollope.</i> • Fire behaviour a key factor in the fire ecology of African grasslands and savannas. W.S.W. Trollope & L.A. Trollope (date) • Fire grazing interaction related to domestic livestock: Grazers in moist african grasslands (sourveld) Winston s.w. trollope & lynne a. Trollope • Fire Management in the Grassland Biome (ref) • Johannsen & Granstrom: fuel, fire & cattle. Journal of Applied Ecology, 2014
STREAM 3: BROADER CONTEXTUAL FACTORS			
COMPONENT	KEY ELEMENTS	TOOLS & METHODOLOGIES	REFERENCES & READINGS
9: STOCK THEFT	Improving security, reducing risks for stock owners		MDTP BCOCC refs
10: CROSS BORDER ISSUES	Illegal grazing, stock theft links, international liaison committees		
11: CLIMATE CHANGE TRACKING & RESILIENCE	Vulnerability and stresses, water security, awareness, external threats beyond local control	<ul style="list-style-type: none"> • Review of evidence on drylands pastoral systems and climate change: Implications and opportunities for mitigation and adaptation Edited by C. Neely S. Bunning and A. Wilkes • Converging Currents in Climate Relevant Conservation: Water, Infrastructure, and Institutions. John H. Matthews, Bart A.J. Wickel, Sarah Freeman • Namaqua District Maps. Stephen Holness 	<ul style="list-style-type: none"> • China ecological footprint Biocapacity, cities and development Report 2010 • Hamann, M., V. Masterson, R. Biggs, M.Tengö, B.Reyers, L.Dziba, M.Spiereburg. 2012. Social-ecological scenarios for the Eastern Cape Province, South Africa 2012-

		<ul style="list-style-type: none">• Skeppies: Building Resilience to Climate Change, Skeppies Climate Monitoring through the Climate Diary Process: Method and lessons learned Compiled by Amanda Bourne, Climate Action Partnership, and Anna-Lize Terry, Conservation South Africa March 2011• Adapting to climate change, Skeppies, (ref)	<p>2050. Stockholm Resilience Centre, Sweden.</p> <ul style="list-style-type: none">• Forestry-based carbon sequestration projects in Africa: Potential benefits and challenges Rohit Jindal, Brent Swallow and John Kerr
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