

## Appendix A

	Objectives	Outcomes	Activities	Indicators	Verification	Conditions
<b>1. Sand dam</b>						
SASOL	To make access to water for 75000 people in 2010	75 % corresponding to 55000 people serviced with water in 2010	To construct 150 sand dams in Kitui South and Yatta Plateau	Construction of 30 dams in South and 150 in Yatta Plateau	Annual operations report Annual technical report Annual financial report Technical report per dam	Community participation Students Funding
EX-CHANGE	To make access to water for 20000 people in 2010 in Kitui South	75% corresponding to 15000 people serviced with water in 2010	Funding and/or building with student teams of 50 dams in the Muda/Kansiko area	2008 10 dams 2009 10 dams 2010 10 dams	Annual financial and technical report by Sasol January next year Yearly internal evaluation report External evaluation in 2010	Funding Students Internal capacity of Sasol
<b>2. Water Quality</b>						
SASOL	Characterisation and improvement of water quality	Collecting cascade management data	Set up specific water quality system Collect data by mobile kits and lab analyses	Using data for Sasol's cascade technology	Quarterly report	Students Funding
EX-CHANGE			2 teams a year		Student reports	Students Funding
<b>3. Extraction and distribution</b>						
SASOL	Safe, efficient and convenient means of extraction and distribution	Maintained secure water sources and distribution process	Development of appropriate extraction and distribution systems e.g. cuts, bucket drips, pumps, irrigate systems	Modification and testing Implementation of distribution systems	Episodic observation and measurements	Working systems Willingness of Kitui Polytechnics
EX-CHANGE			2 teams mechanical and micro irrigation a year		Student reports	Students Funding

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<b>4. Food production</b>						
SASOL	Improve well being of households	Increase food production from 20-50%	Collecting data of livestock and crops to have baseline data in 2010 Project cases for specific subject Monitoring spontaneous changes in production Organising community groups for production	2008 documentation and dissemination of best practices 2009-2010 Organising community groups for production	Production data Committee organisation data	Students of higher agriculture education
EX-CHANGE			Agro-economic teams			Students Funding
<b>5. Trade and Marketing</b>						
SASOL	Improve communities access to markets for all possible products	Access to regional, national and international markets	Collect and offer product data for communities for the benefit of trading, access to internet	2008-2010 build up longitudinal data	Continuous market data	Collector and analyst of generalised data
EX-CHANGE			Collecting of data by trade and marketing teams			Students Funding
<b>6. ICT</b>						
SASOL	Develop access to ICT for communities and institutions in Kitui	Access in 75% of all market centres in 2010 Access to 60% of the school to ICT	2008 Sasol ICC 2 schools upgrade to level 4 each year supply 4 schools to level 1 each year Develop criteria for selecting schools	2008: SASOL ICC ready 2 schools level 4 4 schools level 1 2009: 4 schools level 4, 8 schools level 1 2010: 6 schools level 4, 12 schools level 1 2 polytechnics level 4	Annual progress report	Funding Students
EX-CHANGE			Supply equipment ICT development teams			Students Funding

	<b>Objectives</b>	<b>Outcomes</b>	<b>Activities</b>	<b>Indicators</b>	<b>Verification</b>	<b>Conditions</b>
<b>7. Energy</b>						
<b>SASOL</b>	<b>Improve the quality of life for communities by improving energy use</b>	<b>Kitui communities make appropriate use of energy sources and equipment</b>	<b>Collect information on community energy needs Identify relevant systems and technology to provide the energy needs Prototype, test, train and disseminate energy systems</b>	<b>Collect energy needs of households Identify relevant systems Developed useful energy systems 2008 start tree nursery</b>	<b>Annual report</b>	<b>Effective trials Testing</b>
<b>EX-CHANGE</b>			<b>2 energy teams a year</b>		<b>Student reports</b>	<b>Students Funding</b>
<b>8. Hygiene, sanitation, nutrition</b>						
<b>SASOL</b>	<b>Communities adopt to essential practices in hygiene, sanitation and nutrition</b>	<b>Better health Reduce disease incidents</b>	<b>Develop hygiene, sanitation and nutrition materials</b>	<b>Transfer nutrition data in training materials Pre-test and revise curriculum, training representatives of communities</b>	<b>Training report Testing nutrition materials</b>	<b>Community interest and participation Funding</b>
<b>EX-CHANGE</b>			<b>Teams for hygiene, sanitation and nutrition</b>			<b>Students Funding</b>
<b>9. Vocational education and training</b>						
<b>SASOL</b>	<b>Empowering communities to embrace innovations and social systems</b>	<b>Improve skills and knowledge available for production</b>	<b>Build a relationship with polytechnics Support vocational facilities and innovation</b>	<b>2008: strong relationship with 2 polytechnics 2010: polytechnics as centre of excellence</b>	<b>Annual report</b>	<b>Co-operation of polytechnics Funding</b>
<b>EX-CHANGE</b>			<b>Materials Knowledge Training</b>			<b>Funding</b>

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<b>10. Development of small enterprise activities</b>						
<b>SASOL</b>	<b>Enable the communities to exploit the local resources for business activities</b>	<b>Improved business activities Reduction of waste of local resources</b>	<b>Collect information Training in business development Intermediary in product information</b>	<b>6 ICC community centres in 2010 Evaluated data on crops, fruit and tree production and products Service to businesses</b>	<b>Annual reports</b>	<b>Community interest and participation Interest of schools</b>
<b>EX-CHANGE</b>			<b>Relevant student teams</b>			<b>Students Funding</b>
<b>11. Physical infrastructure</b>						
<b>SASOL</b>	<b>Improve the physical infrastructure of Kitui North and South</b>	<b>Data for design and materials for physical use Construction techniques and building innovation Improve the infrastructure for ICC community centres</b>	<b>Collect relevant data Prototyping materials and buildings</b>	<b>2010 Pilot projects completed</b>	<b>Progress and completion reports</b>	<b>Design Relevant technicians</b>
<b>EX-CHANGE</b>			<b>Relevant student teams Sponsor involvement</b>			<b>Students Funding</b>