

Annex 1 – Example of indicators linked to objectives for measuring impact of international cooperation

Category	Factor / Objective	Activity	Indicator/s	Key stakeholder/s	National indicators	MDG indicators
Economic	Economic development (Domestically and international partnership)	Trade & Investment Business links, including tourism	<ul style="list-style-type: none"> Change in profit / revenue (+/-) due to trade (goods and services) with partner locality Fees generated from international students arriving from partner cities 	<ul style="list-style-type: none"> Local SMEs National businesses Local Chamber of Commerce 	171: New business registration rate 172: Percentage of small businesses in an area showing employment growth	
		Supporting international student exchange	<ul style="list-style-type: none"> Fees generated from international students arriving from partner cities Estimated cost of living for each student 	<ul style="list-style-type: none"> Universities Student unions 		
	Employment generation	Exchange on simulating skills development and employment, new business	<ul style="list-style-type: none"> Number of jobs created due to increased trade / new link / business / increased skills % of people unemployed 	<ul style="list-style-type: none"> Schools and colleges Ethnic communities Youth Women special needs SMEs Larger businesses 	151: Overall Employment rate (working-age) 172: Percentage of small businesses in an area showing employment growth	1.5 Employment-to-population ratio 1.6 Proportion of employed people living below \$1 (PPP) per day 1.7 Proportion of own-account and contributing family workers in total employment
	Income / poverty	Exchange on approaches to stimulate local economic development	<ul style="list-style-type: none"> % of households with income below the poverty threshold % of households with income below subsistence threshold 	<ul style="list-style-type: none"> Ethnic communities Youth Women special needs SMEs Larger businesses 		1.1 Proportion of population below \$1 (Purchasing Power Parity) per day 1.2 Poverty gap ratio 1.3 Share of poorest quintile in national consumption

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Social / Cultural	Community cohesion (Domestic and international)	Community-link festival / events: <ul style="list-style-type: none"> • sport event • photography/art exhibition • art competitions • gastronomy festival • music concert/festival • anniversary events 	<ul style="list-style-type: none"> • % total local population participating in event • % ethnic groups from total ethnic population participating in event • % women from total female population participating in event • % youth from total youth population participating in event • Number of media reports on event (local and national) • Business revenue generated by event 	<ul style="list-style-type: none"> • Key ethnic groups • Women • Youth • Business sector • Press 	<p>1: % of people who believe people from different backgrounds get on well together in their local area</p> <p>2: % of people who feel that they belong to their neighbourhood</p> <p>11: Engagement in the arts</p>	
	Tourism	<ul style="list-style-type: none"> • Exchange of Marketing expertise and tourism planning / development models 	<ul style="list-style-type: none"> • % change in tourism visits • Business revenue / loss generated by tourism growth / loss • % in local area website visits (international) 	<ul style="list-style-type: none"> • Key ethnic groups • Women • Youth • Business sector • Press 		

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	Cultural (Development of strong cultural links)	Community-link festival / events: <ul style="list-style-type: none"> • sport event • photography/art exhibition • art competitions • gastronomy festival • music concert/festival • anniversary events 	<ul style="list-style-type: none"> • Number of participants • % of ethnic population participation • Media coverage • Revenue generated by event • Feedback 	<ul style="list-style-type: none"> • Key ethnic groups • Women • Youth • Business sector • Press 	<p>10: Young people's participation in positive activities</p> <p>23: Perceptions that people in the area treat one another with respect and consideration</p> <p>57: Children and young peoples participation in sporting opportunities</p> <p>88: % of schools providing access to extended services</p>	
	Youth development	Schools / youth exchange Exchange of child care services	<ul style="list-style-type: none"> • Number of participants • % of ethnic population participation • Media coverage • Revenue generated by event / activities • Feedback 	<ul style="list-style-type: none"> • Youth • Youth workers • Schools • Parents 	<p>10: Young people's participation in positive activities</p> <p>72: Achievement of at least 78 points across the Early Years Foundation Stage with at least 6 in each of the scales in Personal Social and Emotional Development and Communication, Language and Literacy</p> <p>116: Proportion of children in poverty</p>	

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	Disabled support services	Technical exchange of service provision and inclusion of disabled people in local community	<ul style="list-style-type: none"> • Number of disabled participants • Number of care worker participants • Change in council policy regarding care provision for disabled 	<ul style="list-style-type: none"> • Care workers • Disabled people • Dept of Health • Schools • Wider community 	54: Services for disabled children 146. Adults with learning disabilities in employment	

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	Health care services – tackling major diseases – HIV, Malaria	Exchange developing health care support	<ul style="list-style-type: none"> • Infant mortality rate • % of children immunised against measles • % of population aged 15-24 years with comprehensive correct knowledge of HIV/AIDS • % of children under 5 with fever who are treated with appropriate anti-malarial drugs • Incidence, prevalence and death rates associated with tuberculosis 	<ul style="list-style-type: none"> • Local health provider / clinic • Women • youth • Wider community 	137: Healthy life expectancy (HLE) at age 65	4.2 Infant mortality rate 4.3 % of 1 year-old children immunised against measles 6.2 Condom use at last high-risk sex 6.3 % of population aged 15-24 years with comprehensive correct knowledge of HIV/AIDS 6.4 Ratio of school attendance of orphans to school attendance of non-orphans aged 10-14 years 6.7 % of children under 5 sleeping under insecticide-treated bednets 6.8 % of children under 5 with fever who are treated with appropriate anti-malarial drugs 6.9 Incidence, prevalence and death rates associated with tuberculosis 6.10 % of tuberculosis cases detected and cured under directly observed treatment short course

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	Maternal / reproductive health care	Exchange developing maternal health care support	<ul style="list-style-type: none"> • Proportion of women who die of pregnancy related causes • Proportion of women with early access to maternity services • Adolescent birth rate 	<ul style="list-style-type: none"> • Family planning clinics • Women • Youth 	<p>112: Under 18 conception rate</p> <p>113. Prevalence of Chlamydia in under 25 year olds</p> <p>126: Early Access for Women to Maternity Services</p>	<p>5.2 % of births attended by skilled health personnel</p> <p>5.3 Contraceptive prevalence rate</p> <p>5.4 Adolescent birth rate</p> <p>5.5 Antenatal care coverage (at least one visit and at least four visits)</p> <p>5.6 Unmet need for family planning</p>
	Improving access to drinking water and sanitation	Technical exchange on improving water provision, infrastructure development and management	<ul style="list-style-type: none"> • % of population using an improved drinking water source • % of population using an improved sanitation facility 	<ul style="list-style-type: none"> • Key ethnic groups • Women • Youth • Local planners 		<p>7.8 % of population using an improved drinking water source</p> <p>7.9 % of population using an improved sanitation facility</p>
	Food security and nutrition	Schools link / council exchange on promoting awareness, food security, infrastructure, fair trade and healthy diets	<ul style="list-style-type: none"> • % of malnourished children • % children receiving school lunches • % obesity in reception / primary school aged children 	<ul style="list-style-type: none"> • Key ethnic groups • Women • Youth • Schools • Health care providers 	<p>52: Take up of school lunches</p> <p>55: Obesity in primary school age children in Reception</p> <p>56: Obesity in primary school age children in Year 6</p>	<p>1.9 % of population below minimum level of dietary energy consumption</p>
Society	Housing	Exchange supporting the improvement of housing provision, planning and/or secure tenure	<ul style="list-style-type: none"> • % of total population living in slums • % of total population living in temporary and / or informal (squatter) housing 	<ul style="list-style-type: none"> • Key ethnic groups • Women • Youth • Construction industry • Local planners 	<p>156: Number of households living in temporary accommodation</p> <p>158: % non-decent council homes</p>	<p>7.10 % of urban population living in slums</p>

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	Energy security / fuel poverty	Exchange of energy provision policy and practice	% of people living in homes with a low and high energy efficiency rating	<ul style="list-style-type: none"> • Energy providers • Households 	187: Tackling fuel poverty – % of people receiving income based benefits living in homes with a low and high energy efficiency rating	
	Education (development of strong educational links)	Student Exchanges	<ul style="list-style-type: none"> • Number of participants / visits • Participants displaying development of linguistic skills • Feedback from surveys • Reports / minutes 	<ul style="list-style-type: none"> • British council • Development Awareness Association • Local Education Authorities • Schools • Parents groups 	110 – Young people's participation in positive activities 88: Percentage of schools providing access to extended services	
	Promotion of universal education	Sharing educational services and increasing infrastructure	<ul style="list-style-type: none"> • Proportion of children (6-12) not in school • Proportion of Children (13016) not in secondary school 	<ul style="list-style-type: none"> • Schools • Parents groups • governors 		2.2 % of pupils starting grade 1 who reach last grade of primary 2.3 Literacy rate of 15-24 year-olds, women and men 3.1 Ratios of girls to boys in primary, secondary and tertiary education

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Environment	Air/Climate	Technical exchange supporting the adoption of low-carbon initiative in key sectors e.g. transport, housing, waste	<ul style="list-style-type: none"> % annual change in Tonnes CO2 municipal emissions from baseline measure CO2 emissions, total, per capita and per \$1 GDP (PPP) 	<ul style="list-style-type: none"> DECC Energy Savings Trust 	<p>185 – CO2 reductions from local authority operations</p> <p>194: Air quality – % reduction in NOx and primary PM 10 emissions through local authority's estate and operations</p>	7.2 CO2 emissions, total, per capita and per \$1 GDP (PPP)
	Animal health	Technical exchange supporting the adoption regulatory controls and monitoring standards	<ul style="list-style-type: none"> % change in identified cases of transmittable diseases 	<ul style="list-style-type: none"> Environment agency LACORs 	190 – Achievement in meeting standards for the control system for animal health (foot and mouth, avian flu, swine flu)	
	Waste	Technical exchange supporting the adoption of waste management tools aiming at re-thinking consumption/producti on cycles, reduction, re-use and recycling	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> Waste collection and disposal authorities DEFRA Private sector 	<p>191: Residual household waste per household</p> <p>192: Percentage of household waste sent for reuse, recycling and composting</p> <p>193: Percentage of municipal waste landfilled</p>	

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	Transport	Technical exchange on transport management systems	<ul style="list-style-type: none"> • Average journey time per mile during the morning peak • % of population killed / seriously injured in road accidents • % of children killed / seriously injured in road accidents • % CO2 emissions from transport 	<ul style="list-style-type: none"> • Transport planners • Vehicle 	<p>47: People killed or seriously injured in road traffic accidents</p> <p>48: Children killed or seriously injured in road traffic accidents</p> <p>167: Congestion – average journey time per mile during the morning peak</p> <p>175; Access to services and facilities by public transport, walking and cycling</p>	7.2 CO2 emissions, total, per capita and per \$1 GDP (PPP)
	Conservation and biodiversity	Exchange supporting planning, land-use and wildlife management and conservation	<ul style="list-style-type: none"> • % of land area covered by forest • CO2 emissions total per capita • Carbon capture from key systems • % of total water resources used • % of species threatened with extinction 	<ul style="list-style-type: none"> • DEFRA • Environment agency • Local conservation and wildlife groups e.g. Groundwork, wildlife trusts 	<p>197: Improved local biodiversity – % of local sites where positive conservation management has been or is being implemented</p> <p>199: Children and young people's satisfaction with parks and play areas</p>	<p>7.1 % of land area covered by forest</p> <p>7.2 CO2 emissions, total, per capita and per \$1 GDP (PPP)</p> <p>7.3 Consumption of ozone-depleting substances</p> <p>7.5 % of total water resources used</p> <p>7.7 % of species threatened with extinction</p>

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	Risk prevention and emergency management		•	•	49: Number of primary fires and related fatalities and non-fatal casualties (excluding precautionary checks and first aid cases) 188: Planning to adapt to Climate Change 189: Flood and coastal erosion risk management	

Sources:

Dept. Communities and Local Government, National Performance Indicators:
<http://www.communities.gov.uk/documents/localgovernment/pdf/11471951.pdf>
<http://www.communities.gov.uk/documents/localgovernment/pdf/735112.pdf>

IDRC (2009) Fighting Poverty With Facts – Community Based Monitoring Systems. International for Development Research Centre. www.idrc.ca

UN Millennium Development Goals Official list of national MDG indicators: <http://mdgs.un.org/unsd/mdg/Host.aspx?Content=Indicators/OfficialList.htm>