CCAFS Activity Workplans and Budgets for 2010

The activities in Table 1 and 2 are arranged by CCAFS Themes. Table 1 shows the summary of the funding to be allocated to activities, while Table 2 shows the detailed breakdown. The funds shown in these tables represent the funds for "research expenses", i.e. these tables exclude the salary, travel and other costs to host institutions. The final package of requests was negotiated amongst theme leaders leading to decreases in some themes and increases in others (relative to the original contracts with Host Institutions), but with the overall total budget remaining the same. Theme leaders requested that some funds be taken out of Theme budgets in order to do some centralised communications activities - this is reflected in the last row of Table 1. Budgets are broken down by "global" (i.e. under direct control of Theme Leaders) and "regional" (i.e. under direct control of Regional Facilitators - regional activites are expected to contribute to Themes, and thus they are arranged by Theme). The regional budgets have been broken down according to the three targeted regions.

We have tracked expenditure in relation to gender, capacity building and communications:

18% of the budget has been allocated to activities with a gender dimension to them.

19% has been allocated to activities with a capacity development dimension.

11% of the Theme budgets has been allocated to communications-related activities

In this first year of activity, many activities will be initiated as part of the process of scoping and partnership development. After the Nairobi meeting, where key areas of activity were identified by stakeholders, it is necessary to undertake some specific scoping activities to identify the specific knowledge gaps that there are, and to identify key stakeholders for follow up activities.

Some activities are planned on the assumption of CCAFS transforming rapidly into MP7, e.g. the various network meetings planned to establish cross-centre activities in both adaptation and mitigation. In addition in a number of activities the MP7 link is indicated.

Although many activities are start-up activities, some key outputs in 2010 include: (a) Vulnerability mapping for the tropics with up-to-date datasets and from the perspective of productivity, food security and sustainability. (b) Review of adaptation related policies at national and sub-national level in target countries (c) Prototype regional scenarios produced for the targeted regions. (d) Report on current mechanisms for risk spreading and transfer at study locations, and preliminary strategy for interventions to pilot with rural stakeholders. (e) Report on current climate information services and information bottlenecks for study regions. (f) Initial development of an analog method for examining both spatial and temporal analogs based on multiple climate projections. (g) Synthesis of state of the art of mitigation appropriate for smallholders. A number of these products will form the basis of outreach activities related to UNFCCC processes in 2010. And a number of CCAFS products will already be included in Special Issues of journals, with three different special issues planned by Theme Leaders and partners.

Table 1. Summary of total budget by theme, and allocations to various kinds of activities (in US\$ 000) (Note that the columns with budget items for specific activities are not additive, as a particular activity can, e.g., be both gender-related and have a communications dimension; in addition in the case of some

Theme	Global or regional	Total Budget	Gender-related activities	Capacity enhancement activities	Communications related activities
Theme 1	Global	550	0	0	0
	Regional	390	75	0	0
Theme 2	Global	350	120	0	0
	Regional	420	0	120	0
Theme 3	Global	330	100	40	140
	Regional	600	0	450	0
Theme 4	Global	340	20	50	20
	Regional	410	150	60	50
Theme 5	Global	305	0	30	10
	Regional	400	105	50	0
Theme 6	Global	295	0	50	13
	Regional	325	160	85	20
Total for centralized communications		300	150	0	300
TOTAL	1	5015	880	935	553

Table 2. Detailed proposals for activities and budgets. (Note that the columns with budget items for specific activities are not additive, as a particular activity can, e.g., be both gender-related and have a communications dimension; in addition in the case of some activities the gender or capacity or communications piece may only be a small part of the total budget)

Gender-related (=Gend), capacity development (CD), and communications (Com) activities are seperated out; ++ = allocated to host institution. Note that the columns with budget items are not additive, as a particular activity can, e.g., have both gender-related and communications-related dimensions.

Activity in 2010	Outputs in 2010	Partners		Budget	(US\$ 00	•	Budge (US\$0	t by reg 00)	ion
			Gend	CD	Com.	Total	IGP	WA	EA
Suite of downscaled climate data, 2030s to 2050s available for homogenised applications within CCAFS/MP7	Data freely available on the web; paper published in 2010; this information used to help drive IMPACT scenario quantification (see Objective 3), for more effective evaluation of trade-offs.	UK Met Office, NCAR, PIK, Waen Associates, WCRP				40			Ī
Regional climate characterisation and GCM / RCM performance evaluated for the three target regions	A regional report for the three target regions describing climate trends and the "state of the art" concerning climate model ensembles for regional analyses to the 2050s. Improved information to help drive scenario quantification and impact assessment models in CCAFS/MP7, for more effective evaluation of trade-offs.	Oxford University, University of Cape Town, others				130			
Develop a research and partnership engagement strategy for decadal /near-term climate inputs for CCAFS/MP7	Road map (a document) that describes plans to engage the global community and develop and deliver cutting-edge climate science inputs to CCAFS/MP7, particularly to Theme 4 and 5.	IRI, EQUIP, WCRP, other partners to be determined				40			
Development of a simplified rangeland model for global & regional gridded applications ("G- Range")	Model documentation (2010) and paper published (2011); model used to help quantify the global and regional scenarios in CCAFS/MP7	National Resource Ecology Lab Colorado State University, ILRI				25			
Scoping studies on agricultural impact models in concert with the global modelling community (in coordination with Themes 4 and 5), to identify gaps and opportunities	Meta-analyses and meeting reports on critical gaps and needs in relation to crop models, including consideration of crop species that are critical for food security but for which models do not yet exist. This information used to help set priorities concerning crop model development and intermodel comparisons, to increase the quality and breadth of crop simulation inputs to CCAFS/MP7 and thus the evaluation of trade-offs at multiple scales.	IFPRI, ICASA, GCMP, University of Georgia, IGBP, IRRI, CIP, others to be determined				190			

Activity in 2010	Outputs in 2010 P	Partners		Budget	(US\$ 00	Budge (US\$0	ion		
			Gend	CD	Com.	Total	IGP	WA	EA
are critical for the data and research integration and modelling framework	Freely available web-based data sets and documentation on key data layers (including soils data, land cover, and agricultural systems), for more efficient and effective integrated modelling efforts for decision- and policy-making at local, national, regional and global levels	IFPRI, ICASA, University of Georgia, IIASA, IFPRI, ILRI, U of Wisconsin, regional partners TBD (e.g. ASARECA, CORAF, RWC, AU, ICPAC, ACMAD, Agrhymet)				125			
Total for Theme 1			() (0	550			

Activity in 2010	Outputs in 2010	Partners	В	udget (US\$ 000))	Budget (US\$00	by region	on
			Gend	CD	Com.	Total	IGP	WA	EA
Regional Funds for Theme 1									
Design and implementation of integrated (adaptation, mitigation, policy) research survey protocols at each site in three regions	<u> </u>	Regional coordinators & partners	75			300	100	100	10
Initiate regional site characterisation (++)	Prototype regional site characterisation databases that will be further developed during 2011 (30 per region)	Host organisations for Regional Facilitators				90	30	30	3
l			75	0	0	390	130	130	1

Activity in 2010	Outputs in 2010	Partners	E	Budget	(US\$ 00	0)	Budge (US\$0	et by reg 00)	ion
			Gend	CD	Com.	Total	IGP	WA	EA
Theme 2, Unlocking the potential of r	 macro-level policies								
Development and/or enhancement of global food policy models (and components) that integrate food and global environmental/climate change factors for informing national, regional and global food security and related policies.	Roots, tubers, beans, cassava and tropical forage representation in the IMPACT model improved with better characterization of existing and future biophysical potential, the effects of climate change and the interactions with socioeconomic drivers. Addition of climate change enhancements at existing Global Futures (GF) centers (ILRI, IRRI, ICRISAT, CIMMYT, ICRAF)	Three years of post- doc funding to CIP and CIAT for year 1 of the three years (60 for each new post-doc at the two centers, 100 to be allocated among existing CGIAR centers); explore GLP for land cover modelling	120			220			
Annual support for regular improvements and maintenance of the IMPACT model (++)	The IMPACT model will be used in several MPs for global and regional assessments of agricultural investment opportunities, effects of national and international policy changes. It will provide the basis for the global scenario work that provides the background against which regional scenarios must be developed. This amount is CCAFS/MP7's contribution to the programming and research assistance to provide incremental improvements, data base maintenance and code management	IFPRI				130			
Total for Theme 2			120) (0 (350			

Activity in 2010	Outputs in 2010	Partners		Budget (US\$ 000	0)	Budget (US\$00	by regi	on
			Gend	CD	Com.	Total	IGP	WA	EA
Regional Funds for Theme 2									
Food policy model training workshops held in 3 regions to enhance national and regional capacity to use these analytical tools to better inform dialogue on tradeoffs and inform food security and environmental polices.	Key individuals from national planning agencies, economic ministries and regional bodies trained in the use of food policy models and providing feedback for future model development	Costs of travel and workshop costs (note: co-financed with Global Futures program; budgeted amounts are CCAFS contribution. (40k per region)		120		120	40	0 40	40
Review of vulnerability measures, interactions of biophysical and socioeconomic drivers and policies that address food security and/or agriculture in the context of adaptation and mitigation	30 page paper for each country co-authored by national and IFPRI author. Each paper has data indicators and global drivers generated by IFPRI research with country policy info and structure lead by national author	East Africa – FANRPAN and ASARECA (to cover 10 countries, and inc. a budget for FANRPAN to facilitate the development of cross-regional messages; W Africa - 13 major countries; and IGP 4 countries. Funds for national author and regional review process				300	40	130	130
Total for Theme 2 in Regions			(120	0	420	80	170	170

Theme 3 Enhancing engagement and communication Regional scenario analyses (including prototype regional scenarios produced (main scenarios officer) – see also below under regional budget Travel costs and scenarios officer position for University of Oxford. Key stakeholders identified; initial regional storylines developed; reports, and initial scoping for model analysis), for building regional teams, increasing mutual understanding of science policy and private sector processes, drafting coherent scenarios tory lines, and undertaking initial semi-quantitative analyses Scoping study of ongoing CG and ESSP CC-related work & partners in WA, EA & IGP and gaps/CCAFS opportunities Scoping study of ongoing to the web available to partners on CGMAP; Concept note & allocated to them); CG contact points; USAID; ESSP partners identified through START and other ESSP projects Survey instruments, initial sites and partners; regional and local partnership building approaches and strategies Wulnerability mapping for the tropics with up-to-date datasets and from used as one input to subsequent priority setting Travel costs and Travel costs and scenarios officer position for University of Oxford. Key concept note in the decinary of Oxford. Key stakeholders identified and the tree regions during 2010 To CT-KM (funds to be allocated to them); CG CC contact points; USAID; ESSP partners identified through START and other ESSP projects University of Reading, ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRR, ILRI as well as numerous national partners in the substance of the tropics with up-to-date datasets and from used as one input to subsequent priority setting CIAT, other partners	ctivity in 2010	Outputs in 2010	Partners		Budget	(US\$ 000	0)	Budge (US\$00	t by reg 00)	ion
Regional scenario analyses (including scenarios officer) – see also below under regional budget Prototype regional scenarios produced (main regional budget storylines developed; reports, and initial scoping for model analysis), for building regional teams, increasing mutual understanding of science policy and private sector processes, drafting coherent scenario story lines, and undertaking initial semi-quantitative analyses Scoping study of ongoing CG and ESSP CC-related work & partners in WA, EA & IGP and gaps/CCAFS opportunities Supportunities Survey instruments, initial sites and partners; regional and local partnership strategy developed themes with key partners for identification of initial sites, further partners, research questions and partnership building approaches and strategies Waps and report on web, the information to be used as one input to subsequent priority setting Waps and report on web, the information to be used as one input to subsequent priority setting Travel costs and scenarios officer scenarios officer scenarios officer scenarios officer sosition of initial stends and joint regional atorosting storylines developed in the web 120 120 121 120 121 120 120 12				Gend	CD	Com.	Total	IGP	WA	EA
regional uncertainties identified; initial regional storylines developed; reports, and initial scoping for model analysis, for building regional teams, increasing mutual understanding of science policy and private sector processes, drafting coherent scenario storyl lines, and undertaking initial semi-quantitative analyses Table & synthesis document and shared database available to partners on CGMAP; Concept note & available to partners on CGMAP; Concept note & available on the web Table & synthesis document and shared database available to partners on CGMAP; Concept note & available to partners on CGMAP; Concept note & available on the web Table & synthesis document and shared database available to partners on CGMAP; Concept note & available to partners on CGMAP; Concept note & available to partners on CGMAP; Concept note & available to them); CG contact points; USAID; ESSP partners identified through START and other ESSP projects Table & synthesis document and shared database available to partners on CGMAP; Concept note & allocated to them); CG contact points; USAID; ESSP partners identified to them); CG contact points; USAID; ESSP partners identified through START and other ESSP projects Table & synthesis document and shared database available to partners from the web Table & synthesis document and shared database available to partners on CGMAP; Concept note & allocated to them); CG contact points; USAID; ESSP partners identified at Launch Conference, follow-up meetings in the three regions during 2010 Table & synthesis document and shared database available to partners on CGMAP; Concept note & allocated to them); CG contact points; USAID; ESSP partners identified at Launch Conference, follow-up meetings in the three regions during 2010 Table & synthesis document and shared database to them); CG contact points; USAID; ESSP partners identified at Launch Conference, follow-up meetings in the three regions data Launch Conference, follow-up meetings in the three regions data Launch Conference, follow-up m	neme 3 Enhancing engagement an	l d communication								
ESSP CC-related work & partners in WA, EA & IGP and gaps/CCAFS opportunities Research locations and joint research protocol development across all themes with key partners for identification of initial sites, further partners, research questions and partnership building approaches and partnership building approaches and partnership building approaches and strategies ESSP CC-related work & partners in available to partners on CGMAP; Concept note & proposal for donor decision-support tool for CC-related investments. Information made freely available on the web Survey instruments, initial sites and partners; regional and local partnership strategy developed local partnership building approaches and partners, research questions and partnership building approaches and strategies Vulnerability mapping for the tropics with up-to-date datasets and from local partners on CGMAP; Concept note & proposal for donor decision-support tool for CC-contact points; USAID; ESSP partners identified through START and other ESSP projects University of Reading, ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national partners ILRI, GECAFS, IFPRI, CIAT, other partners University of Reading, ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national partners University of Reading, ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national partners University of Reading, ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national partners University of Reading, ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national partners University of Reading, ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national partners University of Reading, ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national partners Univers	cenarios officer) – see also below	regional uncertainties identified; initial regional storylines developed; reports, and initial scoping for model analysis), for building regional teams, increasing mutual understanding of science policy and private sector processes, drafting coherent scenario story lines, and undertaking initial semi-	scenarios officer position for University of Oxford. Key stakeholders identified at Launch Conference, follow-up meetings in the three regions		40		120			
protocol development across all themes with key partners for identification of initial sites, further partners, research questions and partnership building approaches and strategies Vulnerability mapping for the tropics with up-to-date datasets and from regional and local partnership strategy developed ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national partners ULRI, GECAFS, IFPRI, CIAT, other partners 100 100 100	SSP CC-related work & partners in /A, EA & IGP and gaps/CCAFS	available to partners on CGMAP; Concept note & proposal for donor decision-support tool for CC-related investments. Information made freely	allocated to them); CG CC contact points; USAID; ESSP partners identified through START and other ESSP			40	40			
with up-to-date datasets and from used as one input to subsequent priority setting CIAT, other partners	rotocol development across all nemes with key partners for lentification of initial sites, further artners, research questions and artnership building approaches and	regional and local partnership strategy developed	ICRAF, CORAF, ASARECA, RWC, ICRISAT, IWMI, IRRI, ILRI as well as numerous national				70			
the perspective of productivity, food for CCAFS/MP7 and other MPs selected during planning	ith up-to-date datasets and from ne perspective of productivity, food	1	CIAT, other partners selected during	100	0	100	100			

Activity in 2010	Outputs in 2010	Partners	E	Budget (US\$ 000	0)	Budget (US\$00		on
			Gend	CD	Com.	Total	IGP	WA	EA
Regional Funds for Theme 3 outputs	<u></u>	,							
Regional scenario analyses – see also above + Planning workshop with regional facilitators	Prototype regional scenarios produced (main regional uncertainties identified); CCAFS strategic partners identified in WA, EA and IGP;	Workshop costs for one scenarios meeting in each region in 2010				150	50	50	50
local partnerships and identify	initial regional storylines developed; reports, and initial scoping for model analysis; enhancing capacity for regional policy analysis). Regional future scenarios and joint research workplans developed	Follow up workshop in each region (50k per meeting); Commissioned storyline writing (10k/region)		180		180	60	60	60
Contracting regional partners to ensure their own institutional capacity is strengthened and that of other local and regional partners to help conceptualise and deliver the products of the program at the regional level	Develop strong partnerships in each of the three regions, based on a clear set of contracted services to be contributed by the partners to the CCAFS program (90k each) to regional organizations x3 (ASARECA, CORAF, RWC). Each regional organisation will be asked to lead the abovementioned workshops, including: doing a survey of potential partners, preparing the invitation list for the workshops, making sure we get good facilitators from the region, preparing the workshop reports, and handling all logisites for the meetings.			270		270	90	90	90
Total for Theme 3 in Regions			(450	C	600	200	200	200

Activity in 2010	Outputs in 2010	Partners		Budget	(US\$ 00	0)	Budge (US\$0	et by reg 100)	gion
			Gend	CD	Com.	Total	IGP	WA	EA
Theme 4 Adaptation pathways base	d on managing current climate risk								
Theme 4, Objective 1 Local-level risk	management								
Planning workshop to synthesize work across Centres on climate- resilient technology, MRV technologies under development and	Synthesis and strategy paper to inform MP7 work planning	CGIAR Centre to host (potentially ICRISAT)				60			
climate risk management, and plan joint research agenda for anticipated MP7									
Analyse priority knowledge and methodology gaps for index-based insurance, and frame CCAFS value- addition strategy for subsequent work	Report on priority knowledge and methodology gaps for index-based insurance, CCAFS advantage and strategy	Single-sourced consultant to be determined				30			
Theme 4, Objective 2 Food system ri	sk management	I.				1			
Scoping study of current state, trends, emerging opportunities to incorporate advance information into management of climate-related food crises and price fluctuations, in preparation for consultation workshop and subsequent work on improving response with key humanitarian response and trade organizations	Report on current state, trends, emerging opportunities to incorporate advance information into management of climate-related food crises and price fluctuations, as input to stakeholder workshop (planned for 2011)	C. Barrett (Cornell U.), other consultant to be determined				40			

Activity in 2010	Outputs in 2010	Partners	E	Budget ((US\$ 000	0)	Budge (US\$0	t by regi	ion
			Gend	CD	Com.	Total	IGP	WA	EA
Theme 4, Objective 3 Climate informa	ation services								
Initiate development of historic meteorological data set in East and West Africa, for use in agricultural and biological threat forecasting and other climate information service interventions (++); — see this item in "regional funds" as well	Tools, proof of concept report for rainfall, in preparation for: 2011: Calibrated rainfall data and methodology paper; Proof of concept report; 2012: Full validated data set; Validation paper	IRI (lead), AGRHYMET, NMA (Ethiopia), U Reading				50			
Initiate proof of concept and prototype development of climate-informed crop monitoring and forecasting platform for use in local risk management interventions, food security and trade applications, and capacity-building with existing early warning organizations (e.g., AGRHYMET) in collaboration with Theme Objective 2 and Theme 1	Report on candidate models & platforms, feasibility of data assimilation, strategy. Development will continue in 2011-12.	TBD after internal discussion and informal consultation with key experts		50		110			
Scoping study of current climate- sensitive pest and disease modelling and early warning systems to frame strategy for future biological threats early warning applications (together with Theme 5 Objective 1)	Scoping and strategy report (with Theme 5)	TBD				30			
Coordinate and synthesize evaluation of ICT-based delivery models for effectiveness, equitability (including gender), relevance, transferability and scalability; and formulate a strategy for research and partnership in climate delivery systems - – see region-based evaluation in "regional funds" below	Review and strategy report, policy brief to inform strategy for partnership, investment and strategic research improved climate information services	Coordinator/editor to be determined	20		20	20			
Total for Theme 4 over all Objectives			20	50	20	340			

Activity in 2010	Outputs in 2010	Partners	E	Budget (US\$ 000	0)	Budget (US\$00	by region	on
			Gend	CD	Com.	Total	IGP	WA	EA
Regional Funds for Theme 4 outputs									
Survey current informal and formal mechanisms for spreading/transferring risk at study locations, with special attention to different mechanisms and needs among women and men, and different farmer groups, to inform pilot participatory research and demonstration (Objective 1) to be handled together with adaptation and mitigation testimonials in Themes 5 and 6, in conjunction with baseline survey	Report on current mechanisms for risk spreading and transfer at study locations, and preliminary strategy for interventions to pilot with rural stakeholders	TBD	100			160	60	50	50
Regional training and proof-of- concept analyses on development of historic meteorological data set in Ethiopia and CILSS – see this item above as well (Objective 3)	Trained personnel, illustrative data products, proof- of-concept report, in preparation for full data set development and evaluation in 2011-2012	AGRHYMET, NMA (Ethiopia), IRI, U Reading		60		60		40	20
Review current climate information services, technical and institutional bottlenecks to production and delivery of useful information; assess potential for new products and services for local CRM (Objective 3)	Report on current climate information and bottlenecks for study regions. Will continue into 2011 with emphasis on needs, gaps and opportunities at research locations	TBD. (Includes and builds on recent review of seasonal forecasts in Africa) To discuss with WCRP scope and possible collaboration				90	30	30	30
Evaluate ICT-based delivery models for effectiveness, equitability (including gender), relevance, transferability and scalability, to inform a synthesis report and CCAFS strategy report (described and budgeted above (Objective 3)	Draft regional reports to feed into review and strategy report, policy brief to inform strategy for partnership, investment and strategic research improved climate information services	Kiwanja.net, UCAR, Microsoft Research (India)	50		50	100	45	30	25
Total for Theme 4 in Regions			150	60	50	410	135	150	125

Activity in 2010	Outputs in 2010	Partners		Budget	(US\$ 000	0)	Budget by region (US\$000)			
			Gend	CD	Com.	Total	IGP	WA	EA	
THEME 5 Adaptation pathways under	l r progressive climate change									
Theme 5, Objective 1 Testing and eva	luating technologies, practices and policies									
Meeting to plan multi-site trial data amongst all participating CGIAR centers, as well as key partner instituions that have access to such data, including developing country partners to be identified	Detailed plan for implementation	To be hosted in target region by CGIAR centre (IWMI/ILRI/ICRAF or ICRISAT). Further partners to be identified into the planning meeting.				50				
Compilation of multi-site trial data (primarily crops, but also agricultural practices e.g. water mgt.) for at least 10 crops across the regions (++)	Databases and online repository of trial data along lines of http://www.africats.org, to be used in year 2 and 3 as the basis for improving models, and analysing efficacy of potential adaptation options	CIAT as lead to design standard formats and the centralized IT service for managing data (given their track record on africats.org - \$100k) but with multiple CG-centers, CIRAD, NARS and universities as partners and data providers (each partner receiving no more than 10k) (further budget in regional budget)				150				
Initial development of an analog method for examining both spatial and temporal analogs based on multiple climate projections Scoping study on pest and disease	First methodology developed and used to identify candidate site-based studies using prelim climate scenario data, 2011 enabling it on web. Provides means to link sites, and validate results of models Strategy document on approaches for inclusion of post/disease changes in development of	Limited tender. Scoping document on groups involved in these kinds of methods has identified 3-5 potential providers Pre-identified consultant – two				15				
data availability and modelling options (joint activity with Theme 4, Objective 1)	pest/disease changes in development of adaptation pathways, journal article	names currently under consideration								
Establishment of an adapting to progressive climate change blog for internal and external communications	Blog with at least 3 stories per week documenting progress on Theme 5 implementation, and linking to appropriate external initiatives. To be linked to centralised communications initiatives	12 month intern to be based with theme leader.			10	10				

ovement scenarios CI	n house: Leeds and	Gend	CD	Com.	Total	IGP	WA	EA
ovement scenarios CI	n house: Leeds and							
ovement scenarios CI	n house: Leeds and		ı					
Sc Le str in (3 I c	eeds. Additional PhD tudent to commence of September 2010 30k for PhD student). collaboration with		30		30			
CI	IAT plus other		20	10	205			
	available for Theme	Science Officer in Leeds. Additional PhD student to commence in September 2010 (30k for PhD student). I collaboration with WCRP available for Theme In house: Leeds and CIAT plus other themes 1 + 4	Leeds. Additional PhD student to commence in September 2010 (30k for PhD student). I collaboration with WCRP available for Theme In house: Leeds and CIAT plus other	Leeds. Additional PhD student to commence in September 2010 (30k for PhD student). I collaboration with WCRP available for Theme In house: Leeds and CIAT plus other themes 1 + 4	Leeds. Additional PhD student to commence in September 2010 (30k for PhD student). I collaboration with WCRP In house: Leeds and CIAT plus other themes 1 + 4	Leeds. Additional PhD student to commence in September 2010 (30k for PhD student). I collaboration with WCRP available for Theme In house: Leeds and CIAT plus other themes 1 + 4	Leeds. Additional PhD student to commence in September 2010 (30k for PhD student). I collaboration with WCRP available for Theme In house: Leeds and CIAT plus other themes 1 + 4	Leeds. Additional PhD student to commence in September 2010 (30k for PhD student). I collaboration with WCRP available for Theme In house: Leeds and CIAT plus other themes 1 + 4

Activity in 2010	Outputs in 2010	Partners	Budget (US\$ 000)				Budget by region (US\$000)				
			Gend	CD	Com.	Total	IGP	WA	EA		
Regional Funds for Theme 5 outputs											
Support in the establishment of baselines of adaptation options, policies and technologies in priority sites (also provides testimonials for filling website on testimonials)	Gender-explicit baseline database for 1000's of farms across the sites in the 3 regions	1 local partner per priority site, TBD in collab with regional facilitators	105			105	35	35	35		
Gathering of multi-site technology evaluation data at regional level	Datasets of technology evaluation in multiple sites in target regions within the trial sites database	Multiple providers, each receiving 5-20k each to compile data. CIRAD to coordinate West Africa compilation with larger contract				190	50	70	70		
Co-funding policy review of adaptation related policies at national and sub-national level in target countries (together with Theme 2)	For target countries, compendium of local (community), sub-national and national level policies that might support adaptation and that might benefit for better information and knowledge about agricultural adaptation	Consultant in each target region to provide desk-based study and synthesis. Funds for salary and travel				55	15	20	20		
Initial establishment of a farmer- based experimentation network in one target site for on-farm participatory adaptation testing and visualisation	Farmer-based experimentation network established for lessons to be learnt in 2011 and possible upscaling if successful	Active NGO in target site to be identified based on competency		50		50	50	С	0		
Total for Theme 5 in Regions			105	50) C	400	150	125	125		

Activity in 2010	Outputs in 2010	Partners		Budget	Budget by region (US\$000)				
			Gend	CD	Com.	Total	IGP	WA	EA
Theme 6 Poverty alleviation through	l climate change mitigation								
Theme 6, Objective 1 Low C develop	nent pathways and livelihoods								
Revisit Yates hypothesis that increased agricultural intensification will enable increased forest-based C seq and any increased emissions from intensification will be offset by C sequestration in forests.	Review and user needs assessment; brief to be distributed at and before COP16 to inform national decisions makers, negotiators and policy advocacy groups and get media coverage	CAADP and equivalent in IGP; START; GCP; IHDP				55			
Theme 6, Objective 2 On-farm mitiga	l tion								1
Produce summary and synthesis of state of the art of mitigation appropriate for smallholders. Identify existing mitigation themes and projects related to methods and poverty alleviation. Commission papers on these topics and projects. Authors will be asked to examine poverty alleviation implications. Writing workshops held in July and Sept. July meeting used to review drafts. Sept meeting used to UK ESPA	Scientific journal issue + synthesis paper in Global Environmental Change. Policy brief pre COP16 (note a number of policy briefs are planned for COP16 under different activities - at least one of these will be prepared, perhaps more, but the final number prodcued will be determined by the opporutnies available for influence at COP16)	FAO plus partners in the three targeted regions (with additional partners drawn in for case studies from other regions with high potential for mitigation), IIED plus developing country partners, Vi Agroforestry in Kenya/WB Biocarbon Fund; Ecoagriculture's partners in Kenya, Ethiopia, Mali (60 for commissioned papers; 60 for workshops)				120			
Coordinate researchers' workshop to review current on-farm mitigation research to identify priorities and integrate future mitigation research. Assess interest and potential for capacity building through PhD students from the target regions	Multiple institute agenda for mitigation research relevant to developing countries published in major journal	CIMMYT (host); CORAF, ASARECA, Rice- Wheat consortium; ANAFE, RUFORUM, START		50		95			

Activity in 2010	Outputs in 2010 Pa	Partners		Budget (Budget by region (US\$000)				
			Gend	CD	Com.	Total	IGP	WA	EA
Bringing together experts on livestock, global environmental change and poverty to identify policy options to improve sustainability of livestock systems and contribute to global debate on role that livestock systems could play in mitigation of GHG's and poverty in the future.	Proceedings of the National Academy of Sciences special issue (freely available on web in developing countries)	ILRI, IIASA, FAO, PIK, PBL, SEI, IFPRI, ICRAF and local/regional partners			13	13			
Global review of mitigation potential of coffee farming and framework for trade-offs analysis (coffee being selected as one example of a promising tree crop where mitigation could be important; but using a case study approach to explore a framework for trade-off analyses that can be applied more widely).		U of Vermont, PRISMA				12			
Theme 6, Objective 3 Incentives and	Institutions	-							
Lessons learned from REDD (DFID funded) about how to influence the UNFCCC negotiation process to include agriculture, and design institutional architecture to ensure benefits flow to the poor and women	Report - Policy brief pre COP16; For agricultural advocacy groups participating in COP16 and agricultural project developers	CIFOR, REDD project teams in developing countries (the funding for this comes direct from DFID to CCAFS for this study)							
Total for Theme 6 over all Objectives			(50	13	295			

Activity in 2010	Outputs in 2010	Partners	В	Sudget (US\$ 000	Budget by region (US\$000)			
			Gend	CD	Com.	Total	IGP	WA	EA
Regional Funds for Theme 6 outputs									
Characterization and initiation of fieldwork in 3 target regions to assess planned/prototype mitigation institutions and incentives to benefit the poor and women.	Partners capacity assessed and key partners engaged. Local partners capacity built for institutional analysis. To inform new project development and foster institutional change leading to pro-poor outcomes. Working paper (journal article to follow), web brief on institutional arrangements that benefit the poor	Harvard student (\$5k), Ecoagriculture partners (25k) (budget placed in EA budget), existing mitigation projects such as Vi Agroforestry /WB Biocarbon + TBD from regional workshops. Tentative sites in: Kenya, Bangladesh, Mali, Burkina Faso, Ethiopia, India (\$10- \$15k per site)	120		20	120	30	30	60
Partner training in institutional and gender analysis (for above "characterisation" work).	Teams undertaking characterisation work fully up to date and have skills to use best approaches for instituional and gender analysis	Training service provider to be identified	40	40		40	10	10	20
Partner cross visits to build co- learning network for developing pro- poor outcomes (as part of above characterisation)	South-south visits completed	Consultants to facilitate process in regions x3		45		45	15	15	15
Socioeconomic baseline data needs assessment - consultant and enumerator teams (as part of above "characterisation")	This will involve the detailed household questionnaire surveys (6 sites at \$20k per site, plus \$20k to a consultant to coordinate the crosscountry work)	Consultants to be identified				120	40	40	40
Total for Theme 6 in Regions			160	85	20	325	95	95	135

Activity in 2010	Outputs in 2010	Partners	В	(US\$ 000	Budget by region (US\$000)				
			Gend	CD	Com.	Total	IGP	WA	EA
Centralised Activities, Communication	ns platform:								
Video testimonials for each region on gender-specific adaptation and mitigation strategies, adaptive capacity, coping mechanisms and indigenous knowledge	Short films freely available on website and shared with global and regional partners for viewing at various future events across the 3 regions for raising awareness of CC-ag-food security linkages and opportunities	ICT-KM project, START, CARE, Oxfam, jointly with regional/local partners TBD at regional workshops	150		150	150			
Establishment of a go-to-place for agricultural adaptation and mitigation knowledge – website cataloguing ongoing research and development activities in the region	Freely available web-based information on who is doing what, where and with whom on CCAFS-related R4D issues, for awareness raising, informing donor and researcher resource allocation decisions, enhancing the efficiency and effectiveness of research activities (e.g. for identifying value-adding activities)	ICT-KM, START, CARE, Oxfam, ESSP, CGIAR, CTA, various donors			150	150			
Total for centralized communications activities			150	C	300	300			