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IEA Inception Report

(Based on the feedback received and updated TOR, the IEA Design Team was requested to revise the Inception Report and submit the revised document to the Fund Council for virtual approval.)

*Document presented for Agenda Item 17:
Inception Report of the Independent
Evaluation Arrangement*

*Submitted by:
IEA Design Team*

Inception Report

Establishment of a CGIAR Independent Evaluation Arrangement (IEA)

For Consideration of the CGIAR Fund Council 5-6 April 2011

Agreement Requested From the Council

In presenting this inception report the consultants request the views and agreement to proceed in developing the final consultancy deliverables as indicated in this report, which has some divergences from the original Terms of Reference for reasons clear in the report. In particular the feedback and endorsement of the Council is sought on the:

- The purpose and forms of evaluation to be produced in the CGIAR– Section 3;
- The institutional Architecture for CGIAR Evaluation – Section 6, in particular: the functions of an IEA (6.1) and the Institutional architecture and decentralized arrangement for ensuring the basic building blocks of CGIAR Research Program (CRP) evaluation (6.3);
- Reducing separate requirements for donor evaluation (6.3, paragraph 63)
- The Future work of the Consultant Team -Section 7, including the deliverables, the establishment of a reference panel, the need for flexible specialist inputs, the scheduling of the work and the budget; and
- the Budget for the Consultancy (7.4).

John Markie, Team Leader
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Appreciation

The Consultants express their appreciation to all those who have assisted them in their work. Without their inputs we could not have completed this report and particularly big thanks go to:

- The staff of the Fund Office and World Fish who provided administrative support;
- All those in institutions of the CGIAR who provided liberally of their time, their written and verbal inputs and facilitated our participation in their meetings; and
- The many outside the CGIAR who also provided valuable insights and advice, both written and verbal.

Summary

(As an aid to the reader where necessary, Annex 1 provides a set of definitions for terms used in the text)

The New CGIAR has a fund responsible for resourcing and a consortium responsible for delivery on an agreed Strategy and Results Framework (SRF) and CGIAR Research Programmes (CRPs), designed and operated under the leadership of Centers. This inception report proposes an evaluation framework for the CGIAR which will support the development of a mutually accountable results-based culture and develop efficiency and coherence in the new system. Proposals are also designed to ensure that evaluation itself is efficient and coherent, providing and supporting accountability, decision making and learning for the system. The report is divided into six main sections. Supporting annexes are included in a separate volume:

- **A short introduction of the context (Section 1);**
- **Fundamental considerations in policy and strategy for evaluation and performance management, including: a discussion of who evaluation serves and the target audiences; the characteristics of independence in evaluation; special features in evaluation of agricultural research for development; and closing the evaluation follow-up and learning loops (Section 2);**
- **A discussion of the major forms of evaluation, review and performance monitoring needed in the CGIAR. This includes discussion of System-wide evaluation; evaluation of CRPs and their components; Evaluation of the organs of the CGIAR (FC, Consortium, ISPC, SPIA, IEA); evaluation of central scientific services and gene banks; demand driven evaluation of specific issues; impact assessment; and performance monitoring. These are summarised in Figure 1 - following paragraph 42 (Section 3);**
- **Introductory remarks on the work to be done on evaluation standards, methods and tools (Section 4);**
- **A discussion of the roles in evaluation of partners in research and delivery (Section 5);**
- **A discussion of the CGIAR Institutional Architecture for Evaluation, with a presentation of options but with a clear conclusion on a preferred option for a central unit responsible to the Fund Council but responsive with a clear reporting line also to the Consortium and its member centers. Figure 2, following paragraph 56 summarises alternative options considered and rejected by the team. This unit would facilitate a decentralized evaluation system for evaluation of CRP sub-components and a strong link to SPIA. This section also addresses the integration of donor evaluation requirements (section 6.3 paragraph 63) and the physical location of a central evaluation unit, concludes on Rome as the preferred location, and deals with staffing and consultancy and budget issues and the scheduling of IEA establishment (Section 6);**
- **The proposed future work of the team including Deliverables, the use of a reference panel and small specialist inputs, scheduling of the work (to complete by the Fund Council in November 2011) and the Budget for the Consultancy (Section 7).**

Contents

Abbreviations and Acronyms Used in the Text.....	4
1. Context.....	5
2. Some Fundamental Considerations in Policy and Strategy for Evaluation and Performance Management.....	6
2.1 Evaluation Target Audiences and Meeting the Needs of the CGIAR System	6
2.2 Comprehensive, Coherent and Efficient Evaluation	7
2.3 Special Features in Evaluation of Agricultural Research for Development	8
2.4 Evaluation Independence and Ethics	8
2.5 Closing the Evaluation Follow-up and Learning Loops	9
2.6 A Responsive Evaluation Policy Concentrated on Principles	9
3. Proposed Forms of Evaluation and Review	10
3.1 Evaluation	10
System-wide evaluation.....	10
Ensuring the Building Blocks for System-Wide Evaluation	11
Impact Assessment	12
3.2 Performance Monitoring and Reviews	13
Center Reviews	13
Performance Information Systems and Reporting	13
4. Evaluation Standards, Methods and Tools	17
Communality of Indicators.....	17
Use of Evaluation Tools.....	18
5. Partners in Research and Delivery and Perspective from the National Level	18
5.1 The Role of Partners in Evaluation.....	18
5.2 Ensuring Evaluation and Programming Take Full Account of the Perspective from the National Level	19
6. CGIAR Institutional Architecture for Evaluation	19
6.1 Functions of an IEA Unit.....	19
6.2 Issues in the Institutional Architecture	20
6.3 Proposals for the Institutional Architecture for Evaluation and Performance Reporting	21
The Central Evaluation Function.....	21
Clarification of ISPC Role in Evaluation	23
A Decentralized System (the Basic Building Blocks for CRP Evaluation).....	24
6.4 Physical location, Staffing and Budget of the IEA & Scheduling IEA Establishment	26
Physical Location	26
Staffing and Consultancy Requirements.....	27
Budget and Resourcing	27
Scheduling of IEA Establishment.....	28
7. Future Work of the Consultant Team	29
7.1 Deliverables.....	29
7.2 Approach.....	30
7.3 Reference Panel and Specialist Inputs	32
7.4 Scheduling the Work.....	32
7.5 Budget for the Consultancy	33

Contents of Annexes (Volume II)

Annex 1: Glossary of Selected Evaluation Terms
Annex 2: Proposed Composition of the Reference Panel
Annex 3: Deliverables of the Consultancy

Annex 4: Persons Consulted and Providing Support During the Inception Phase
Annex 5: Voices for Change-Annex Chapter 4: An M&E Framework for the New CGIAR
Annex 6: Extract from Letter from Chair of Consortium to Chair of the Fund Council Expressing Concerns for the Proposed 2009 M&E Framework
Annex 7: The Current Evaluation Work Load of the Centers
Annex 8: Documents and Publications Consulted by the Consultants During the Inception Phase
Annex 9: Terms of Reference for the Consultancy

Abbreviations and Acronyms Used in the Text

AfricaRice - CGIAR supported inter-governmental research organization for rice in West Africa
Bioversity International - CGIAR supported Center for agro-biodiversity
CB - Consortium Board (of the CGIAR)
CCER – Center Commissioned External Review
CG - abbreviation of CGIAR
CGIAR - Consultative Group on International Agricultural Research
CIAT – CGIAR supported International Center for Tropical Agriculture
CIFOR - CGIAR supported Center for International Forestry Research
CIMMYT - CGIAR supported International Maize and Wheat Improvement Center
CIP - CGIAR supported International Potato Center
CRP - CGIAR Research Program
EPMR – External Programme and Management Review (of a CGIAR Supported Center
FAO - Food and Agriculture Organization of the UN
FC – CGIAR Fund Council
GCARD - Global Conference on Agricultural Research for Development
GEF – Global Environment Facility
GFAR - Global Forum on Agricultural Research
GIS – Geographic Information Systems
Global Fund – Global Fund to fight AIDS, Tuberculosis and Malaria
ICARDA - CGIAR supported International Center for Agricultural Research in the Dry Areas
ICRAF - CGIAR supported World Agroforestry Center
ICRISAT - CGIAR supported International Crops Research Institute for the Semi-Arid Tropics
IEA - Independent Evaluation Arrangement
IFAD – International fund for Agricultural Development
IFI – International Financing Institution
IFPRI - CGIAR supported International Food Policy Research Institute
IITA - CGIAR supported International Institute on Tropical Agriculture
ILAC – CGIAR Cross-Center Institutional Learning and Change Initiative
ILRI - CGIAR supported International Livestock Research Institute
IRRI - CGIAR supported International Rice Research Institute
ISPC – CGIAR Independent Science and Partnerships Council
IT – Information Technology
IWMI - CGIAR supported International Water Management Institute
MDGs - Millennium Development Goals
M&E – Monitoring and Evaluation
OECD-DAC - Development Assistance Committee of the Organisation for Economic Cooperation and Development
SPIA – Standing Panel on Impact Assessment (part of ISPC)
SRF - Strategy and Results Framework
UNDP - United Nations Development Program
WFP – United Nations World Food Programme
WORLD FISH - CGIAR supported Research Center for fisheries

1. Context

1) The new CGIAR has a complex and unique architecture of partnerships with multiple components, which has no equivalent in the constellation of international development organizations. This architecture includes a new Consortium aimed at coherence, alignment and collective strategic effort by 14 fully autonomous research centers and one inter-governmental research organization dispersed throughout the world; a new Fund which, responding to the intents of the Paris and Accra declarations, aims to achieve strategic alignment in the financing by international donors for international agricultural research; and a number of institutional structures intended to facilitate and support efficiency and effectiveness across all partnerships, including the proposed Independent Evaluation Arrangement (IEA) and the reconstituted Independent Science and Partnership Council (ISPC).

2) It was against this background that the CGIAR Business Meeting in 2009 agreed an M&E Framework for the new CGIAR (reproduced as Annex 5). At the time of discussion of the framework a large number of questions arose and it was decided that the Fund Council would commission this consultant team to further develop the concepts.

3) In discussion by the consultants with Fund Council Members, the Consortium Board, the Center Directors-General and Board Chairs and with the ISPC it became clear that many serious concerns remain with the previously proposed M&E Framework. At the same time the future architecture and responsibilities within the CGIAR have started to become clearer with the establishment of the Consortium Board, development of a Strategy and Results Framework and the first CGIAR Research Programs (CRPs). The first round of discussions by the consultants found that there was a common perspective that the CGIAR system is heavily, but not always effectively, reviewed, including many individual donor reviews (a summary of information on evaluation load collected to date is included as Annex 7). There is also a widespread fear that the requirements of a new evaluation and monitoring framework for the CGIAR could lead to further duplication and inefficiency. There was thus a request to this consultant team to take a broad look at evaluation policy and institutional arrangements to ensure that evaluation will meet international best practice standards while being:

- responsive to clear needs of all parties;
- efficient and effective with the minimum of duplication and overlaps; and
- coherent and comprehensive serving the system as a whole.

4) This inception report to the Fund Council responds to this request and outlines how the consultant team proposes to proceed in fulfilling its terms of reference. It is thus presented for the comment and endorsement of the Council both as a proposed basic strategy for evaluation in the CGIAR, and a plan of the consultants' work. Subject to the review of the Inception Report by the Council, the proposed deliverables will be developed further by the consultants for the final decision of the Council at its November meeting later this year.

5) In developing this inception report the consultant team is heavily indebted to all those who provided information and points of view and the many in the CGIAR and beyond who have given freely and very positively of their time in commenting on a preliminary draft of this document.

2. Some Fundamental Considerations in Policy and Strategy for Evaluation and Performance Management

2.1 Evaluation Target Audiences and Meeting the Needs of the CGIAR System

6) The work of the CGIAR is ultimately intended to serve four system level outcomes elaborated in the Strategic Results Framework and contributing to: the reduction of poverty; improving food security; improving nutrition and health; and the sustainable management of natural resources. It is thus ultimately to the peoples of developing countries, in particular its agricultural producers, food insecure, malnourished and environment threatened that the CGIAR is accountable. Evaluation has to play its part in this ultimate accountability. Ways of ensuring that this focus is maintained in assessing the relevance, usefulness and potential for ultimate benefits from the CGIAR as a system and its individual components are discussed in the subsequent sections of this report. Further work by the consultants is necessary to suggest workable modalities for evaluating and ensuring the input into evaluation of partners and users. Some options are discussed in Section 5.

7) Evaluation has a function in accountability, learning and support to decision making at each level of the CGIAR system. It should seek to support a results-based culture¹. Evaluation needs to reinforce coherence, efficiency and transparency in the CGIAR and assist the CGIAR donors to deliver on the spirit as well as the letter of the Paris and Accra Declarations. In the spirit of **mutual accountability**, each entity within the system becomes accountable to the others and to the global poor, hungry and malnourished for the effective performance of their roles. The performance of all entities within the system will be subject to evaluation within a reasonable cycle, including the Consortium Board, the Fund Council, ISPC, and the Independent Evaluation Arrangement itself.

8) Independent evaluation is of lower quality and may even be counter-productive if it does not have buy-in from all concerned parties. Many evaluations lack clarity on the target audience and this should not be the case with those in the CGIAR. Evaluations must be differentiated in the levels of decision makers they serve. Evaluation outputs should also be packaged in a way which can be of most use to target audiences and this may include written and verbal outputs, more suitable to the media as well as outputs for senior managers with very scarce time. The evaluation needs to be met are primarily those of:

- a) The Fund Council and the Consortium Board;
- b) Center Directors-General, senior management and Boards;
- c) Research managers;
- d) Research partners;
- e) Donors and partner country governments; and

¹ A culture in which the outputs to impacts pathways are thought through and drive the research

- f) The immediate national and international users and partners in delivery of CGIAR research outputs and representatives of end users (farmers, etc.).

2.2 Comprehensive, Coherent and Efficient Evaluation

9) Evaluation has a cost in time and money to the CRPs and Centers and to partners and users of research results. The gains from evaluation must justify these costs. Much of the subsequent discussion is concentrated on how quality evaluation can be assured in a system which is comprehensive in its coverage, coherent at all levels of the CGIAR system and is efficient, without unnecessary duplications, costs or redundancy.

10) Evaluation draws on, but should not substitute for, or significantly overlap with, results-based performance monitoring and reporting, which is a responsibility of management. Such a system designed with the needs of evaluation in mind is however, an important prerequisite for effective evaluation. It has become evident to the consultants that there has often been a confusion of thinking in the CGIAR between independent evaluation, performance-based monitoring of results, donor monitoring and scientific review and reference panels, sometimes contributing to superficiality, inefficiencies and overlaps. The respective roles of monitoring and management information systems on the one hand and evaluation on the other and the extent to which cost-efficient integration is desirable, or possible thus need to be clearly defined for the CGIAR. It is evident that the present lack of definition, together with the demands of some donors has led to repetitive review and evaluation without necessarily meeting needs and contributing little to learning above the project level.

Some Definitions²: Annex 1 provides a list of definitions of terms used in the text. As an aid to the reader, three key terms are defined below:

Evaluation: The systematic and objective assessment of an on-going or completed project, programme or policy, its design, implementation and results. The aim is to determine the relevance and fulfilment of objectives, development efficiency, effectiveness, impact and sustainability. An evaluation should provide information that is credible and useful, enabling the incorporation of lessons learned into the decision-making process of both recipients and donors.

Review: An assessment of the performance of an intervention, periodically or on an ad hoc basis. Frequently “evaluation” is used for a more comprehensive and/or more in-depth assessment than “review”. Reviews tend to emphasize operational aspects (in the case of the CGIAR including the science).

Performance monitoring: A continuous process of collecting and analyzing data to compare how well a project, program, or policy is being implemented against expected results.

² Glossary of the OECD- Development Assistance Committee Evaluation Network
<http://www.oecd.org/dataoecd/29/21/2754804.pdf>

2.3 Special Features in Evaluation of Agricultural Research for Development

11) Agricultural research for development poses particular challenges for evaluation, as distinct from evaluation of technical cooperation, investment and emergency assistance. Research is often very specialised, so its evaluation may also demand specialist skills.

12) Among development endeavours, the possibility of failure is at its highest in research, even higher than in pilot programmes and negative results also yield valuable information. **Poorly-designed** and overly complicated **performance management or evaluation systems and criteria can discourage innovation, creativity and risk-taking**. Evaluation questions need to include the appropriate management of risk, including changes in research direction and partnerships as appropriate.

13) Impact Pathways are an important planning tool but should not be treated as a blueprint and their validity is also the subject of evaluation. The cause and effect chain from research output to its application by users and eventual development impact is longer than for most other forms of development assistance and support. Biological research, for example, often requires long lead times to development outcomes (in excess of ten years). The exigencies of climate and soils mean that outputs such as new varieties frequently need further development for specific agro-ecologies. Agricultural systems innovation is zone and culture specific. The relevance and effectiveness of agricultural policy research requires it to link macro factors to vastly differing micro and place-specific realities.

14) Judging the relevance of research in contributing to development impacts thus requires a complex set of judgements on the size of the potential development impacts, how critical the research output is to the desired impact and the other ongoing and completed research in the proposed area of investigation.

2.4 Evaluation Independence and Ethics

15) An undisputed principle of evaluation is that it should be independent but the characteristics of independence vary between institutions. True independence is closely related to the confidence of all parties that evaluation will be objective, unafraid to raise critical issues and professional and ethical in its approach and depth of analysis. This is normally translated into:

- Evaluation teams being external;
- Terms of reference and conduct of evaluations conforming to internationally defined best practice standards and ethics³;
- In evaluation teams, identification of conflicts of interest, balancing perspectives and backgrounds in the team and not using people on evaluation teams directly associated with any aspect of the program under evaluation;
- At organization-wide levels, evaluation offices being headed by independently appointed fixed-term senior professionals; and

³ Such as those of the OECD-DAC evaluation network and the UN Evaluation Group (UNEG)

- Institutional arrangements which shield all those commissioning or undertaking evaluation from pressures from management, governing bodies or other interested parties such as donors.
- 16) There are important trade-offs, and misconceived concepts of independence can lead to:
- Little possibility for managers or governing bodies to identify issues that they wish to be examined by evaluation, either at the level of the evaluation program of work or in evaluation terms of reference, thus limiting the usefulness of evaluation to its target audiences;
 - Evaluators being selected who have forceful personal views or limited knowledge of the subject under evaluation (in this case including the science) or its institutional and development context, leading to distrust of the evaluators by those responsible for programs under evaluation and thus resistance and little learning during the process, as well as reducing the data base for the evaluation itself⁴; and
 - Limited possibility for comments and input by those responsible for programs under evaluation with similar results to the above, i.e. limiting the information base and thus quality of the evaluation, reducing buy-in and learning for those working on the program.
- 17) Ways of ensuring the benefits of independence and ethics, while reducing the trade-offs in the context of the CGIAR are discussed in the context of institutional arrangements below.

2.5 Closing the Evaluation Follow-up and Learning Loops

18) Evaluation should directly serve learning and decision making. If it is only in practice serving an accountability function, there is a major problem. All those consulted consider that there has been limited use made of evaluations in the CGIAR. Some Centers have found individual Center reviews (EPMRs) useful and some stress that rather than evaluation, repeated monitoring visits with constant follow-up by one individual have created a useful continuing dialogue on the project. One important factor for follow-up is the extent of the consultation of managers and partners in the evaluation process itself which leads them to be convinced of issues. The main international agencies generally have evaluation follow-up mechanisms in place, as did the CGIAR for EPMRs. Most of these require a management response to the evaluation and some require these to be very specific in response to evaluation recommendations, and require reporting on the implementation of agreed follow-up. They may also have institutionalised learning loops, to new programming and processes to ensure full consideration of evaluation findings by Governing Bodies as well as management. In the CGIAR the mechanisms in place for consideration of evaluations in Center Boards, the Consortium Board and Fund Council will be important, as will the feedback into ISPC ex ante appraisal. The feed back to users and partners are essential issues addressed further below.

2.6 A Responsive Evaluation Policy Concentrated on Principles

19) **Evaluation needs will evolve with the CGIAR and evaluation must flexibly respond.** Evaluation practice and tools are also constantly developing and new technology offers new opportunities. Evaluation should thus also constantly develop both in its methods and institutional relationships.

⁴ It is thus sometimes desirable to complement evaluation teams with wider panels on specific topics

20) Concentration of evaluation policy on principles and best international evaluation practice is reflected in the policies approved most recently by a number of international organizations' governing bodies⁵. Some of the authors of the evaluation policies have later noted that they allowed them to become too prescriptive in such matters as types of evaluation to be performed and frequency of evaluation, and that policies should concentrate on basic principles. Proposals for the CGIAR evaluation policy will take account of these policies, those of other development research organizations and information that can be gathered on experience with their application. Full account will also be taken of the special characteristics of agricultural research for development and of the CGIAR itself with its complex networked architecture and distinct organizational culture and history, which has no parallel elsewhere, although some organizations' policies allow for more decentralized evaluation than others.

3. Proposed Forms of Evaluation and Review

3.1 Evaluation

21) Criteria which need to be applied in deciding on the coverage and frequency of evaluation include: usefulness of the evaluation for accountability, decision making and learning/improvement at that point in time and efficiency and avoidance of duplication. Agreement on a periodic evaluation workplan is an important tool for ensuring these.

System-wide evaluation

22) There is a need for a periodic comprehensive system-wide evaluation. In the international agencies where this is a standard requirement, it is normally linked to the overall funding or replenishment cycle⁶. This is a major expenditure (the 2009 CGIAR review cost US\$ 2.2 million) and in the absence of such a cycle, a minimum of once every six years would be a period allowing for findings and recommendations to be applied, significant results to be achieved by the system and the demands on the CGIAR system to be balanced with usefulness of the evaluation.

23) To the maximum extent possible, as with all other agencies, system-wide evaluation should be meta-evaluation (i.e. drawing for its analysis primarily on the more detailed levels of evaluation specified below).

24) System-wide evaluation should be comprehensive and will examine the coherence and relevance of the Strategy and Results Framework (SRF) and the CRPs as well as the institutional efficiency and perceived overall usefulness of the CGIAR to users and partners and the potential for impacts. It should help to drive system relevance and efficiency and satisfy the overall needs for: accountability on the performance of the system; an input for decisions on levels of funding; and findings and recommendations for improving system effectiveness. It is at this level that the mutual accountability of all elements of the system, including how donors and partners exercise their responsibilities will be thoroughly analysed, as will the relationships to partners and users of CGIAR research results.

⁵ including UNDP, FAO, WFP and the GEF, as well as several of the international financing institutions

⁶ Often four years

25) It will also be focused taking up current major issues for the CGIAR identified through widespread consultation on the terms of reference. It may be expected that the main issue for the next such evaluation will be the workings of the new CGIAR institutional framework and the SRF.

Ensuring the Building Blocks for System-Wide Evaluation

26) **Evaluation of CGIAR Research Programs (CRPs):** The most useful timing for evaluation of a CRP is immediately prior to the end of a cycle to inform decisions on future expansion, cancellation, extension, adjustment, restructuring, consolidation with other CRPs, funding etc. The evaluation will be used by managers at all levels, the Consortium Board, and the Fund Council. Although the main determinant of when such decisions take place cannot be evaluation requirements, the workload at all levels of the system, including the Fund Council, for considering evaluations and CRPs needs to be reasonable and staggered. This argues for a variable duration of the first set of CRPs, allowing 2-3 to be evaluated each year. As with system-wide evaluation, evaluations will be: comprehensive of the CRP but based on principles of adequate (not total) coverage; permit a focus on any current major issues or questions, identified through consultation with the various parties to the CRP; and will be primarily based on meta evaluation with any gap filling required on coverage or specific issues (the question of assuring quality and coverage is addressed below).

27) **Evaluation of Components of CRPs:** A key element the proposed evaluation system is the decentralized evaluation of CRP Components and sub-components commissioned by the CRP management. This will not only serve lesson learning needs at the level of researchers, research managers and partners, but crucially, these evaluations will form essential **building blocks** for higher level evaluations, in particular those of the CRPs. They will be essential to managers in deciding on future CRP orientation. They may also serve the needs of any donors who continue to require evaluation of their specific project contributions (see below Section 6.3, paragraph 63). The policy is to ensure adequacy of coverage, usefulness to managers and non duplication in such evaluations.

28) **Evaluation of Other Components of the CGIAR System (FC, Consortium, ISPC-SPIA, IEA):** For periodic system-wide evaluation, the main building blocks of the effectiveness of research for development will be addressed through the evaluation of the CRPs. However, this is not the case for evaluation of the institutions of the system, which do not directly provide research for development services. The question of Centers is discussed below, but the other institutions of the system will be evaluated in a series of small systems-operations evaluations. These will bring in management consultancy expertise as well as that of evaluation and will address their efficiency and the adequacy of the services they provide, including their incremental value and consideration of alternative means of provision. The evaluation of the IEA would be undertaken by an international evaluation office or by the OECD-DAC evaluation network commissioned in agreement between the Fund Council and Consortium. Other evaluations would be the responsibility of the IEA. These evaluations undertaken over a period leading up to the System-wide evaluation would be among the essential building-blocks for that evaluation.

29) **Central Scientific Services and Gene Banks:** All Centers operate some central services for analyses, genotyping, biometrics, GIS, etc., etc. and some of these services provide services to external users, partners and other CGIAR supported Centers. Such services need to be funded and thus evaluated separately. Similar considerations apply to gene banks. Some elements of these services and certainly gene banks provide direct development benefits as well as internal services.

The consultants will explore options for this evaluation, bearing in mind costs, who will be the main users of the evaluation findings and enhanced coherence in the CGIAR system. Options which may be explored further include:

- System-wide comparative evaluation commissioned by the IEA. This could provide valuable insights for efficiency savings and system improvements; and
- Linking this to the Center management reviews discussed below.

30) **Demand driven evaluations on specific issues:** The CGIAR has had a program of reviews of cross-cutting issues and although many of these have addressed important topics, such as the recent stripe review of social sciences in the CGIAR, such reviews have had an unclear target audience, and thus readership and potential for follow-up. No follow-up system has been in place. It also appears that some duplication has occurred between Center commissioned work and the Stripe Reviews. **There is an important place for demand driven evaluation of specific issues** but these should be agreed through a process of evaluation agenda setting which has input from the Fund Council and through the Consortium, reflects the demands of CRPs, Centers and their Boards. **Such demand driven evaluations should cover any issue which is considered of importance to the system and may include institutional or managerial or process issues as well as thematic questions in research, workings of partnerships, etc.etc.** A division of work and areas for collaboration will be developed between the IEA and the independent audit unit for evaluation of institutional, managerial and process areas.

Impact Assessment

31) Impact assessment is an important input for evaluation. However, especially in agriculture, sustainable development impact cannot generally be assessed until many years after an intervention is completed. The time horizon of impact assessment means that it cannot usually be utilised for immediate decision making on programs and it may become an evaluation of yesterday's program. This notwithstanding **ex post impact assessment can be valuable for learning what categories of action, under what conditions have the greatest impact potential.** If the same types of action are being continued in a CRP and in the CGIAR as a whole, there may be valuable lessons on the likelihoods and modalities of impact. Nevertheless even in this time frame, evaluation will be at its most useful for managers if its concentration is on outcomes and verifying the probability of eventual contribution to impact (the impact pathway).

32) There are major methodological issues of impact assessment to which the CGIAR Standing Panel on Impact Assessment (SPIA) and others have given attention. For example, the Global Fund has often been concerned with the immediate cost-impact returns of types of intervention, rather than their institutional sustainability. GEF evaluations on the other hand have generally not addressed ultimate impact directly but have aimed to balance potential for impact at project completion with the longer term impact on environmental trends and have given considerable attention to whether the enabling environment is in place which would allow impact to be sustainably realised.

33) Impact assessment in the CGIAR will need to concentrate on major types of work being continued in the CGIAR today and be balanced and representative in its coverage, representing the System Level Outcomes of the Strategy and Results Framework and the new structure of CRPs. The

institutional arrangements must thus be put in place to ensure that the impact assessment work through SPIA is complementary to and integrated with that for evaluation (see below).

3.2 Performance Monitoring and Reviews

Center Reviews

34) An important performance improvement tool of the CGIAR in the past was the Center Reviews, both those commissioned directly by the Center Boards and undertaken through the Science Council (EPMRs). The future of such reviews has proved controversial. As discussed above, CRPs will be evaluated, including their research management. Centers have argued that it is unrealistic to consider that most funding will flow centrally and some, but not all, further consider that most funding provided individually by donors will not form part of the CRPs, they thus argue that there is a continuing need for the review of Centers as a whole. They also emphasise that Centers' management and administrative services cannot be reviewed without also reviewing, the Scientific programs. This is also true with respect to research management and scientific services for CRPs and the consultant team argues, and some Centers agree, that in the present matrix structure for research based on the CRPs, in which many Centers have placed most of their work regardless of source of funding, **a total review Center by Center would be duplicative. It would also refocus accountability on Centers rather the CRPs and undermine the reform.** (How separate donor funding can be evaluated in the context of CRPs is discussed below – section 6.3, paragraph 63).

35) Whether a Center continues overall reviews or not, there is a need for periodic management review covering such aspects as financial, human resource and physical asset management and the overall performance of management and Governance (Center Boards). The Consortium would ensure that these take place to certain minimum standards. Such reviews require a different skill-set to evaluation of research and can best be undertaken by management consultants. The potential role of the Independent Audit Unit in this will be further explored as they have undertaken some of this type of work in the past⁷. There is also a need for evaluation of common scientific services and gene banks as discussed above. The product of such reviews and evaluations will be a valuable input for the comprehensive system-wide evaluation.

Performance Information Systems and Reporting

36) Performance monitoring information needs to be coordinated with future evaluation information requirements so that systems can complement each other and, where it is most cost-efficient and effective, monitoring can collect data and build an ongoing evidence base. There is space for common performance indicators which will allow some communality of reporting across the system but the CRPs are extremely heterogeneous, as is the types of research performed, and many indicators also need to be case specific⁸.

37) The incentives in performance monitoring need to be carefully examined. Automatic links to funding do not take account of complexities or shifting priorities and will lead to gaming the system. A lack of attention to managers' immediate needs can cause systems to be regarded merely as a

⁷ e.g. Strategic human resource audit for CIFOR

⁸ For example for new varieties, the potential of a break-through in disease resistance or nutritional value, could be much more important than a small yield increment for an individual agro-ecology.

chore. Experience has now indisputably shown that overly complex performance monitoring systems fail and some monitoring of immediate and longer term outcomes and impacts⁹ has suffered from an expectation that it will monitor at all levels and be at frequent intervals. This is not only costly, but unlikely to yield meaningful information for current research programs. It has also been found that there are often an excessive number of targets and indicators, set without real attention as to how they are to be cost-efficiently verified (although there is also a danger in relying excessively on what is easy to measure).

38) The 2008 Independent Review found that there was a lack of clarity on the timely arrival and on the expenditure of funds for mega programs and implied that fungibility could mean that resources were substantially diverted from their purposes as specified in the Medium-Term Plans. This can occur for many very well founded reasons but it is important to have an approximate (not financial accounting) picture of funds actually devoted to each CRP component and, sometimes, sub-component¹⁰. Otherwise it is impossible to examine the cost-effectiveness of the research activity against resources deployed or to understand the influence of temporary shortfalls and arbitrary – spend by- targets. This should thus form an element in monitoring.

39) Monitoring at higher levels of the output-impact chain and at the level of ultimate impacts (MDGs, production, etc) is extremely expensive, generally has weak lines of attribution to immediate outcomes, is unlikely to be in the time-frame of the CRP and should be left to impact assessment. At lower levels of the output to impact pathway, one-off sample surveys during, or preparatory to, evaluation may be more cost-effective than periodic performance monitoring on intermediate or even immediate outcomes. Monitoring should be restricted to outputs, immediate outcomes and verification of the plausibility of the impact pathway including its risks and assumptions.

40) The CGIAR Fund Council and Consortium Board need a periodic **system wide performance report** on the Strategic Results Framework and its constituent CRPs. Making such a report annual would impose an excessive burden on all levels of the system and a biennial or triennial report would be appropriate but should not be enshrined in policy until such time as working experience is gained after several rounds of performance reporting. The Consortium, the Fund Office, ISPC and its secretariat, and the IEA should also be subject to performance reporting. Public reporting on financial performance and research outputs by the CRPs and Centers should probably continue to be annual and the primary recipient for these is the Consortium.

41) **Capacity for performance monitoring** in the CGIAR is currently inadequate and an evaluation plan, as well as management information, and performance targets and indicators need to be specified for the CGIAR system and at the start of a program with, in long running programs, periodic revision. The institutional arrangements, funding supporting IT systems and incentives need to be in place. There is a big potential for common platforms and back office support. This requires consultation between managers and evaluators and for the CGIAR, the Independent Evaluation Arrangement could have an initial advisory and capacity strengthening role for performance monitoring (see also decentralized evaluation capacity below).

⁹ See Annex 1 for definitions of terms

¹⁰ This includes support from common research, administrative services and infrastructural services (overheads)

42) **Scientific Reference or Review Panels** are an important and normal part of good science management and essential to the CGIAR. It has sometimes been suggested that these form part of the evaluation workload and this is not the case, but their findings provide an important input for evaluation and review panels may on occasion be integrated into an evaluation process.

Figure 1: Forms and Purposes of Evaluation and Review
(for a clarification of the reasoning behind the Evaluation Responsibilities in Columns 2 & 3 refer to Section 6: CGIAR Institutional Architecture for Evaluation)

Purpose and Level of Evaluation	Requested by	Commissioned and Managed By	When	Coverage and main data sources
CGIAR system as a whole for - mutual accountability, decision on the SRF, performance improvement and learning, system adjustment – international confidence in CGIAR	Fund Council and Consortium Board	Independent Evaluation Arrangement (IEA)	Not more frequent than every 6 years	Always comprehensive in coverage but focusing on selected issues. Based insofar as possible on meta-evaluation of lower level evaluations and impact assessments with special studies as necessary.
CGIAR Research Programs (CRPs) -for mutual accountability, program redesign, performance improvement and as one input into decisions on future funding	Fund Council and Consortium Board And/or CRP management or a major donor to CRP	Independent Evaluation Arrangement (IEA)	Complete coverage of all CRPs over a cycle of 6-7 years, Evaluation Normally before major funding or reorientation decision. Staggered cycle to even out work load of all parties	A key building block for CGIAR System Evaluation. Always comprehensive in coverage but focusing on selected issues. Based insofar as possible on meta-evaluation of lower level evaluations.
CRP Components and sub-components -for mutual accountability, program redesign, performance improvement and as one input into decisions on future funding	Normally by CRP management but Consortium, IEA or Donor may request if problems of evaluation not being done or quality issues	CRP management or if requested IEA	A representative sample in each CRP must be evaluated at least once in every CRP cycle	The key building block for CRP evaluations and used in all evaluations. Always comprehensive in coverage but focusing on selected issues. Undertake primary data collection and draw on performance management, relevant impact assessments and any separate donor evaluations (which are not encouraged see below).

Purpose and Level of Evaluation	Requested by	Commissioned and Managed By	When	Coverage and main data sources
Evaluation of Other Components of the CGIAR System (FC, Consortium, ISPC-SPIA, IEA) for mutual accountability, performance improvement and efficiency gains and as one input into decisions on future funding	FC and Consortium Board as part of IEA work program	IEA (except for evaluation of IEA itself)	Total coverage at least once in every cycle of System-wide review	This is not resource heavy and will draw on existing data sources, undertake surveys, etc.
Central Scientific Services and Gene Banks for performance improvement and as one input into decisions on future funding	FC and Consortium Board as part of IEA work program, or Centers on demand	Options being further studied	Sample coverage at least once in every cycle of System-wide review	This is not resource heavy and will draw on existing data sources, undertake surveys, etc.
Demand driven evaluations, including thematics and examination of institutional issues to provide accountability, but usually more importantly learning on particular issues – must have a clear target audience	Request can come from any level in system but must have broad level of support in the system	IEA and for single CRP specific issues possibly CRP management with IEA support	On demand, but normally not to exceed 1 per year	As appropriate to the issue under evaluation
Donor project reviews and evaluations	Donor	Subsumed into, or combined with CRP subcomponent reviews <u>or</u> information required generated from Performance Management Monitoring System	Not applicable	Donors satisfied with and will finance CRP-subcomponent evaluation, where not possible, joint evaluation of sub-component by several partners or a lead donor
Impact assessments for overall accountability and learning on impact becoming more integrated with other evaluation and to answering questions relevant to ongoing CRPs		SPIA or individual CRPs	Process and criteria for prioritisation, to ensure representative coverage & link to evaluation program	Impact assessment needs integrated into CRPs with data requirements planned in CRP design, where possible

Purpose and Level of Evaluation	Requested by	Commissioned and Managed By	When	Coverage and main data sources
Center management reviews to address management and administrative issues cutting across the Center and CRPs. There is not expected to be a need for evaluations of Centers as in CCERS or EPMRs but the issue will be studied further	Center Board or Management, or if necessary Consortium Board	Generally commissioned by Centers - Consortium to ensure they take place. Possible role of the Independent Audit Unit to be further explored	Issue oriented – need for any regular schedule to be determined	Scope of review decided by initiators in consultation with IEA and the Center
Performance Management Monitoring For regular performance verification at all levels of the system	Fund Council Consortium and Managers at all levels of system	Managers at each level of system with leadership from the Consortium Board for the CRPs and Centers and advisory support possibly provided by the IEA Central IT platform maintained for key indicators by Consortium	Overall system performance report every two or three years. Monitoring of indicators at intervals appropriate to the question and changes in the data (e.g. financial monthly; research outputs annually; outcome every 2 years for further R&D or policy application by others. Every season for production, once outcomes start to occur)	Comprehensive with targets and indicators at all levels which take account of the special characteristics of Research for Development: <ul style="list-style-type: none"> • Resources and expenditures, • Risks and assumptions • Outputs, • Immediate Outcomes

4. Evaluation Standards, Methods and Tools

43) Evaluation standards and tools will be addressed in the final reporting by the consultants as guidance notes. Guidance on standards will be in a form where it can be incorporated into the CGIAR Operational Framework. However, work on methods and tools can only be very initial and this will require considerable further input from the IEA once established and collaboration with SPIA, and possibly the CGIAR Cross-Center Institutional Learning and Change Initiative (ILAC) will be important for this. Furthermore, methods and tools are more constantly evolving and guidance will always be advisory and supportive.

Community of Indicators

44) The CGIAR requires targets, indicators and means of verification which are specific to different CRPs' intended outcomes and types of research but there are some communalities in these across the system and a pragmatic and realistic degree of standardisation facilitates some comparability and thus consolidation of evaluation, at least qualitatively. Experience elsewhere in the international system working on global and regional public goods has shown that there is a

tendency to inadequately define or verify lines of contribution to high level impacts or to risks and uncertainties, including those of the science itself. Lack of attention to such factors and defining indicators and means of verification helps determine whether something is really evaluable.

45) Because of their diversity, there are practical difficulties in applying standard indicators across all CRPs below the level of end users. **Some donors currently have a requirement for evaluation reporting against results or impact indicators**, which differ from donor to donor (although there is a group working towards harmonisation in the CGIAR, and the Global Donor Platform has proposed some harmonised indicators for agriculture¹¹). As these were generally developed with large scale development programs in mind, rather than research, there is difficulty in applying them in any verifiable way along an extended cause and effect chain from outputs and immediate outcomes to impacts defined at the level of MDGs. It is important that the pressure from donors to individually verify their indicators in the CGIAR be reduced. The guidance notes will thus provide a consolidation and unification of these donor requirements and impact assessment will help to meet the donor needs.

Use of Evaluation Tools

46) The tools employed in evaluation are becoming steadily more extensive. They range from documentation of success stories, to participatory appraisal and perception survey, internal rate of return, use of control groups, counter-factual econometric modelling and use of expert opinion (importantly in this context scientific expert opinion). None of these tools are applicable in isolation and some have no application in evaluating a particular research intervention (it depends on the nature and goals of the research). The guidance notes to be developed by the consultants may provide some indication of what tools can best be used in what situations and their limitations. The work of SPIA will be among the sources drawn on for this.

5. Partners in Research and Delivery and Perspective from the National Level

5.1 The Role of Partners in Evaluation

47) Partners are now becoming more important to the CGIAR in developing its research outputs and have always been essential to the CGIAR in further developing its research products, rendering them situation specific and delivering them to end users (frequently farmers). Emphasis is placed on developing these relationships further. Just as with donors **partners are important clients of evaluation**. The role of partnership will thus be an important area for evaluation and **each evaluation should normally cover the role and effectiveness of partnerships** in the conception and undertaking of research and in delivering outcomes and impacts. Depending on the strength and significance of the partnership, **partners will also be important in identifying issues for evaluation, in advising on modalities to gain information and as providers of information**. Just as funding partners (donors) may wish to have voice in terms of reference, etc. without compromising the independence of the evaluation, so may implementing partners and partners in innovation and delivery on the ground. As these partners are likely to be closer to end users they can be important

¹¹ <http://www.fao.org/docrep/011/i0380e/i0380e00.htm>

connectors in the evaluation process. How these broad concepts may be operationalised will be considered in the guidance notes to be produced by the consultants.

5.2 Ensuring Evaluation and Programming Take Full Account of the Perspective from the National Level

48) While the Global Conference on International Agricultural Research for Development plays a valuable role in critiquing CGIAR priorities and the Global Forum on Agricultural Research (GFAR) provides some on-going feedback through the Fund Council, a more structured and detailed level mechanism to supplement this feedback is probably desirable. It would be inefficient and would lose the holistic dimension to envisage such mechanisms CRP by CRP or Center by Center. Most international organizations have some arrangement, often through national offices and governments to obtain holistic feedback but this is not an option for the CGIAR. The final report of this consultancy will explore whether some combination or single mechanism could be employed by the CGIAR as a whole to maintain periodic monitoring on a series of general questions and provide specific answers for evaluations and for programme design. Such mechanism could be coordinated through the Consortium, but at least initially would probably be organized by lead Centers. **The outputs would be public goods in their own right, as they would provide insights, not only for the CGIAR, but the agricultural research community as a whole.**

49) Mechanisms which may be explored further, in the final reporting by the consultants, for possible use in combination, or singly, in priority agro-ecological/policy zones for the CGIAR, as distinct from individual CRP or Center zones are indicated below:

- standing reference panels in a sample of countries, appointed by the CGIAR and representative of interest groups, researchers and extensionists;
- drawing together indicator data using GIS and statistical techniques including: remote sensing data on crop coverage, land use, population and climate, etc; and price data, survey data on agriculture and nutrition, etc., etc;
- CGIAR reference sites; and
- sample surveys.

6. CGIAR Institutional Architecture for Evaluation

6.1 Functions of an IEA Unit

50) Evaluation in the CGIAR needs to develop, flexibly and responsively over time and especially in the early years there will be a need for constant reflection on what is working and what is not and what in the evaluation regime is providing a cost-efficient return. Functions to be covered by institutional evaluation arrangements may include:

- Leadership of a cost-effective and coherent evaluation system for the CGIAR;
- Proposing, following extensive consultation, a rolling evaluation work program for approval by the Consortium Board and Fund Council;
- Ensuring, through conduct and/or support to others, the implementation of the agreed program of evaluation of the CGIAR;
- Support to and rationalisation of donor required evaluation (see below);

- Ensuring the input of results of impact assessment work by SPIA and the CRPs and Centers feed into evaluation and facilitating coherence of the impact assessment programme with the evaluation work programme;
- Ensuring the input of performance assessment into evaluation, facilitating its coherence with the evaluation work program;
- Maintaining a central data base in the public domain of all reviews and evaluations, including those carried out by Centers or donors and building on the ISPC data base of previous EPMRs, etc. and that of SPIA for impact assessment;
- Maintaining a central reference of evaluation standards, guidance and metrics which take full account of the special characteristics of agricultural research for development;
- Developing a learning and accountability loop from evaluation, including standards for management comments, response to and follow-up on accepted recommendations of evaluations and maintaining a follow-up monitoring system;
- Ensuring incentives for and facilitating the development of evaluation capacity and culture of the CGIAR, including facilitating and leading a community of practice in evaluation (see below) and, within this supportive context, providing an evaluation quality assurance system; and
- Advising on performance monitoring and initial support to its development.

6.2 Issues in the Institutional Architecture

51) The CGIAR Business Meeting in December 2009 initially agreed upon a monitoring and evaluation framework for the CGIAR which is reflected in “Voices for Change” (see Annex 5). This framework was apparently questioned by the Consortium and many others at the time and the Consortium subsequently put its strong reservations in writing (see Annex 6). Under that proposed framework the Consortium Board would be responsible for external evaluation of each Center, CRPs and cross-cutting issues, including the Consortium Office and shared services, while the Fund Council would be responsible for evaluating CRPs and cross-cutting issues through the establishment of a new Independent Evaluation Arrangement. It was envisaged that, the evaluations by the Independent Evaluation Arrangement may include validation of findings from external evaluations of CRPs commissioned by the Consortium, but reports and accountability would be only to the Fund Council. There was also provision for an independent evaluation of the Partnership (Consortium, Fund Council, ISPC) and the relationship with GFAR every six to seven years. The Independent Science and Partnership Council was to commission in partnership with the Consortium, *ex-post* impact assessment of the development effectiveness of CGIAR investments. The Centers continued to have a responsibility for evaluation of work outside the CRPs.

52) As was explicitly acknowledged during the discussions of the 2008 Independent Review which led to the new CGIAR structures and arrangements, the reconstituted architecture has great potential but its complexity also includes the dangers of excessive transaction costs and the re-emergence of competition and overlaps in authorities, with less than optimal development impacts. Nowhere is this truer than for evaluation. Many members of the Fund Council, Center Directors-General and Board Chairs and the Consortium Board have strongly requested the consultant team to undertake a re-examination of this architecture. The Chair and senior members of the team which undertook the 2008 Review of the CGIAR shared that view, emphasising that it was essential to break down the distrust of “we” and “they” in the CGIAR and that any central evaluation function

should serve the needs of the Fund with its donors and Council and the Consortium with its Member Centers.

53) Without adjustment, the implementation of the 2009 framework could lead to a situation where both the Council and the Consortium find it necessary to establish separate evaluation functions and the Centers continue, in consultation with the Consortium evaluation arrangement, to carry out their own reviews. Within such a system, there is no node of leadership to: -reinforce the primary focus on, and development of, the CGIAR around CRPs as distinct from Center programs and projects; -drive coherence in the evaluation program, metrics and methods; -ensure a comprehensive inventory of evaluations and place them in the public domain; -or maintain a cohesive evaluation follow-up system. Not only has this implications for reduced senses of ownership, transaction costs, duplications, gaps and inefficient use of evaluation resources but there may be a higher price to pay in terms of less than optimal accountability and learning for the future from evaluation.

54) Any evaluation arrangement must meet the legitimate concerns of the Fund Council for independent evaluation, which is fully responsive to its needs and ensures accountability on results and for program improvement, an arrangement which must also facilitate mutual accountability.

6.3 Proposals for the Institutional Architecture for Evaluation and Performance Reporting

The Central Evaluation Function

55) **The consultants have concluded that a single small central evaluation function should be established, with the characteristics, of independence, clear lines of responsibility and responsiveness to all parties (the Fund Council, the Consortium and its Centers and to partners)¹².**

56) **The sharing of a common evaluation resource between the Fund Council and Consortium Board would automatically reduce to a minimum overlaps** with respect to evaluation of CRPs and would help ensure that there was a coherent coverage of CRP component evaluations as building blocks. The open lines of communication with the Consortium and Centers would greatly assist the quality, relevance and acceptance of evaluation. Although, final authority for the Independent Evaluation Arrangement would rest with the Fund Council (there needs to be an ultimate line of responsibility), that authority would be exercised in full consultation with the Consortium Board:

- The head of evaluation would be independently appointed for a fixed term upon the recommendation of a panel appointed jointly by the Fund Council and Consortium Board;
- Changes in the evaluation policy and strategy would be proposed by the Head of the IEA following wide consultation for approval by the Consortium Board and Fund Council;
- The rolling evaluation work program would be proposed by the Head of the IEA following wide consultation for approval by the Consortium Board and Fund Council. This work plan would cover major evaluations and allow some flexibility with respect to smaller on demand evaluations and emerging needs (in the unlikely event of strong call for evaluation by one party,

¹² This may require a small representative evaluation committee to interact with the IEA Head.

with the other in disagreement, the head of evaluation would at his/her discretion proceed providing budgetary resources were available);

- The central evaluation budget would be proposed by the head of the IEA for the comment of the Consortium and the approval of the Fund Council (as discussed below it is expected that it would derive from several sources);
- In carrying out the agreed evaluation strategy and program, the head of evaluation would have full independence, subject to normal administrative safeguards and within budget;
- For work requested of the IEA for the Consortium or individual Centers and funded by them the evaluation would be reported directly to them, but preserving the independent authority of the head of the IEA;
- The IEA would be required to always ensure that the comments of management were sought before evaluation reports are finalised by the teams and would also be required to consult on, guidelines for evaluation and arrangements for evaluation follow-up; and
- All evaluations managed by the IEA or forming part of the Evaluation Work Program, such as evaluations of CRP components, would be presented to the respective requesting board(s) (Fund Council, Consortium or Center) together with the comments of management, other boards (e.g. Consortium on reports for the Fund Council) and where appropriate the Independent Science and Partnership Council.

Figure 2: Alternative Suggestions for the IEA Examined and Rejected by the Team

It is clear that the above functions and independence would be difficult to ensure without a small evaluation unit dedicated to the CGIAR. Nevertheless the consultant team did examine alternatives put to it and rejected them for the following reasons:

- **Demarcate very clear divisions of responsibility between the Consortium (which would establish an evaluation function) and a small evaluation unit reporting directly to the Fund Council.** Under this arrangement most evaluation responsibilities would probably have to be allocated to the Consortium, questions of independence would arise and there would be some duplication of effort in the verification and gap-filling required to be done by the Fund Council unit. There would also be a suboptimal critical mass in evaluation skills in both the Consortium Function and that of the Fund Council Unit.
- **Combining evaluation with internal audit:** Audit and evaluation have different skill sets. Although there is some convergence of competencies on value-for-money and management audit. However, the orientation of audit is generally, if by no means always, compliance and financial, leading to a different relationship with managers and scientists. There is thus limited synergy and where there has been combination of the two functions, elsewhere in the international system, audit functions have almost invariably overshadowed and absorbed resources from evaluation. The existing internal audit arrangements in the CGIAR are responsible primarily to the Centers and would also have to have their institutional model changed if there were to be a combination of the two functions. **Nevertheless the examination of relationships and possibilities for efficiency gains from collaboration between the oversight functions of evaluation and audit will be examined in the final report of the consultants, including questions of value for money and data audit.**

Figure 2: Alternative Suggestions for the IEA Examined and Rejected by the Team

- **A part-time evaluation reference panel contracting a consultancy firm on a short or long term basis to undertake the evaluation work:** This model has not been used in the international system and would be untried. Reasons why it has not been used, include, in the absence of a small staff: the lack of institutional memory; difficulty in maintaining evolution and continuity in systems; and the problems of assuring quality with this extreme of outsourcing. All evaluation units make heavy use of independent consultants to carry out evaluations and the CGIAR evaluation unit would be no exception in this regard;
- **Contracting an existing evaluation office:** In an existing evaluation office such as that of the GEF, World Bank or one of the Rome based agencies, evaluation of the CGIAR would always take second place to that of the organization's own programmes. The offices are not primarily, or at all, concerned with the evaluation of research. Recruitment, lines of reporting, etc. would almost certainly be subject to the organization's own policies. There would be some gains in close contact with evaluation colleagues but a certain distance from the CGIAR. Physically hosting the CGIAR evaluation unit in another organization with a strong evaluation office would allow some opportunity for interchange; or
- **A Virtual Evaluation Unit** with full and part-time staff distributed throughout the CGIAR system. Such a model could not ensure critical mass for interaction and efficiently and flexibly handling work in a small evaluation unit. There would be a difficulty maintaining institutional memory. If staff were placed in the Centers, there would be questions of independence. Many of the advantages of such a model can be secured by developing a strong network of evaluation consultants.

Clarification of ISPC Role in Evaluation

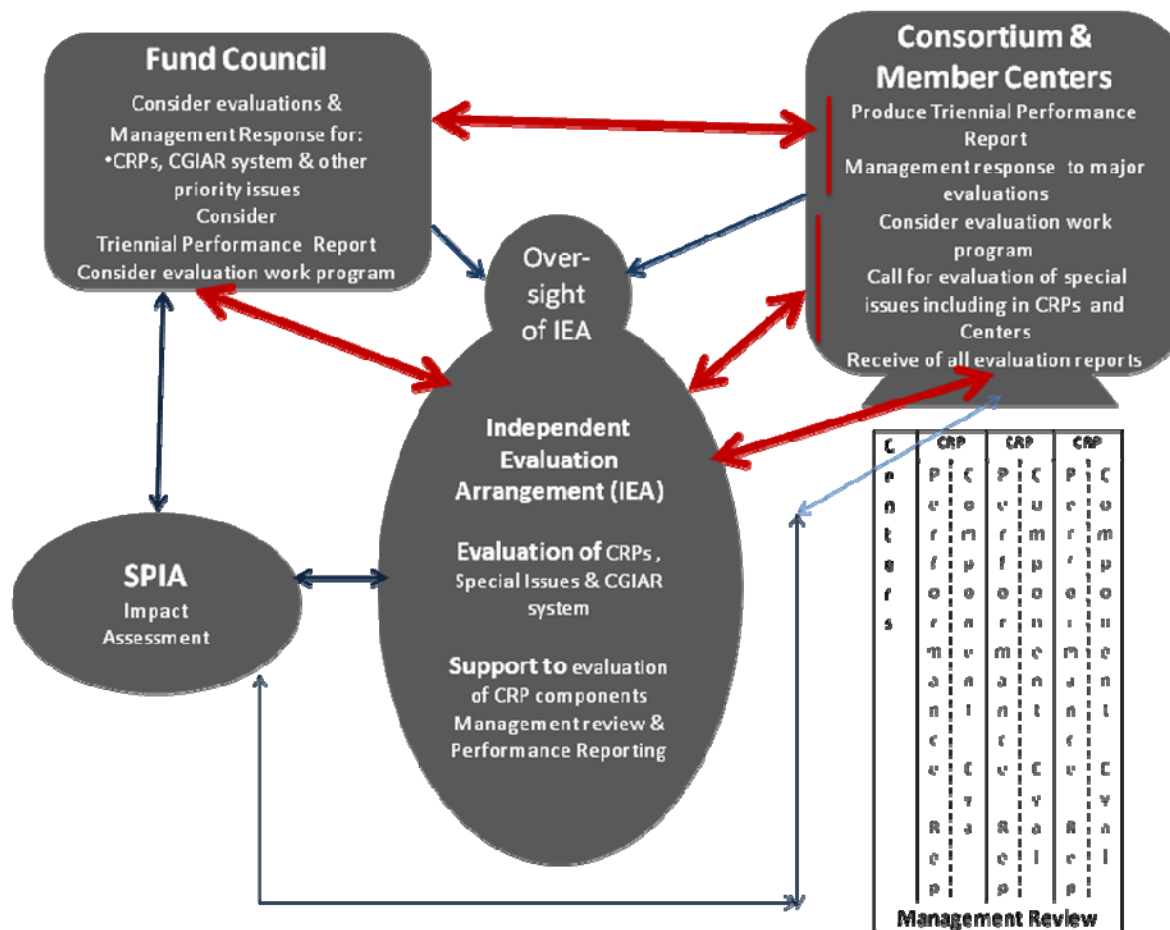
57) The Consultants consider that the decision to separate the ISPC from the evaluation function was the correct one. It ensures a clear separation from evaluation of the ISPC's role in appraising ex ante and advising from the science perspective on priorities, the Strategic Results Framework and CRPs. There has however, been a lack of clarity in perceptions of the ISPC's current role, partly because of nomenclature. The ISPC refers to ex ante program appraisal as evaluation and there is a button on its website for program evaluation which has lead to misunderstandings.

58) The ISPC secretariat has an important institutional memory of evaluation and review in the CGIAR to date. It should have the opportunity, from the science perspective and its appraisal of CRPs and the Strategic Results Framework (SRF), to suggest important issues for the evaluation work programme, comment to the Independent Evaluation Arrangement on evaluation terms of reference for major evaluations and make any comments it has on evaluation reports to the Consortium Board and the Fund. This inclusiveness of the ISPC will assist the feedback loop for ex-ante appraisal of CRPs and the SRF.

59) SPIA reports to the Fund Council on its impact assessment work through the ISPC and the ISPC secretariat provides the secretariat also for SPIA. As noted above there is a need to put in place institutional arrangements to ensure coherence between the program of impact assessment, where

the lead is with SPIA, and evaluation. This will require specific institutional and financial arrangements and the consultants will be examining this for consideration in the final report¹³.

Figure 3 Proposed Evaluation and Performance Reporting Architecture



A Decentralized System (the Basic Building Blocks for CRP Evaluation)

60) **Evaluating CRP components:** CRP management will normally commission evaluation of CRP components. Evaluation at the level of entire CRPs and the system undertaken by the IEA will need to draw on lower levels of performance reporting, evaluation and review, which very few international organizations centralise in their entirety. Senior managers and governing boards at all levels of the CGIAR system require evaluation at an appropriate level of detail, responding directly to their needs but these do need to have sufficient coverage and quality to feed into a centrally coordinated program of evaluation. If there is to be buy-in and thus quality in evaluation, all those involved must see a potential for benefit to them, in terms of program improvement and verification of their worth. At any level, a requirement to undertake work from another level of the system is not

¹³ In this context it may be noted that several Centers have suggested that there would be immediate efficiency gains from combining SPIA into the central evaluation function, but in the view of the consultants this is not currently justified.

only expensive, it is liable to be duplicative and, given time and resource constraints, probably superficial. It does however need to draw on evaluation which is adequately comprehensive and representative in its coverage and to have confidence in the results.

61) **Decentralized Evaluation Capacity:** This will require building a culture of evaluation across the CGIAR, as well as fostering the capacity to manage high-quality monitoring and evaluation. Measures to assure good coverage and quality of this decentralised system are also essential to foster universal confidence in the data and analysis. Evaluation responsibility is best placed centrally in all Organizations and CRPs are no exception in this regard, with the function having sufficient level of authority. Economies of scale, especially in smaller CRPs, may require that the evaluation function be shared with another function, which will often be that of programming and performance monitoring where there is a heavy overlap in the competencies required. It may also be combined with impact assessment but the skill overlap is less and impact assessment may also be placed together with socio-economic research. There is no necessity for uniform practice in this regard and lessons can be learned from different models used around the CGIAR and elsewhere. Further considerations will be examined in the consultants' final reporting.

62) **Evaluation Capacity and Community of Practice:** At present there are many individuals with good knowledge of evaluation and of monitoring and the requirements of good research program design and/or impact assessment which all share several of the same skill-sets. There is not however, as far as the consultants have as yet determined, any real institutionalisation of evaluation capacity in CGIAR supported Centers¹⁴ or CRPs. One effect of this may be for evaluation and performance monitoring responsibilities to be pushed to individual scientists with no time to carry them out and a loss of efficiency. For the building blocks of successful evaluation to be put in place, it is essential that the CRPs have this capacity. This requires not only good common standards and guidance notes, but also a community of practice, defining evaluation and evaluation management competencies, access to training, facilitated discussion fora, etc. and an interface with the rest of the international system to provide for knowledge exchange and also career opportunities. Capacity building for evaluation must be closely coordinated with that of SPIA for impact assessment and any learning initiatives. This community of practice can also aid the feedback and learning loop (see above). Time and resources permitting the consultants may initiate a data base of existing evaluation skills in the CGIAR, building on previous work.

63) **Bringing together donor requirements for evaluation with those of the CGIAR System:** The CGIAR is currently in a stage of transition and it appears that for the immediate future, in excess of 60 percent of funding to research programmes will come directly from donors, rather than through the CGIAR central funding windows 1 and 2. Much of the work undertaken with this funding is included in the CRPs, but some is not. In the spirit of the Paris Declaration and Accra Agenda for Action, donors have already committed themselves to harmonising and reducing their requirements for separate reporting in the CGIAR (Voices for Change, paragraph 1Civ). Practical progress has also been evidenced in the UN system and the International Financing Institutions (IFIs). For evaluation, as well as the question of principle, much of this progress has been a gradual **acceptance that evaluation coverage, standards and independence can meet donors' individual needs while**

¹⁴ A minority of Centers have an M&E unit and several Centers are now advertising an M&E post. IFPRI has an outside contractor responsible for impact assessment

addressing a wider institutional requirement. This is evident in organizations where there are independent evaluation offices. A system of public donor performance monitoring reported to the Fund Council could be helpful. How this principle can be further developed in the CGIAR requires discussion in the Fund Council, in order to gain firmer commitment from individual donor agencies as a whole and not just the parts of those agencies dealing with the funding of multilaterals or research funding.

64) However, there is also a need for realism and for maximum fund mobilisation in the framework of the CRPs. Much additional donor funding for individual sub-components of CRPs is coming, not from bilateral donor multilateral arms but bilateral funding windows and this additional funding should be welcomed. At the same time as donor funding is negotiated by the CRP managers, there is a need to negotiate the integration of their evaluation and other reporting requirements into the framework of the CRP as a whole. There is also a need to build on any separate evaluations donors continue to undertake, not repeating work in CRP evaluation. **If a donor makes input to a particular CRP sub-component the aim should be to satisfy its needs for evaluation through the evaluation of the sub-component as a whole providing an essential building block for CRP level evaluation.** Donors may include an independent representative in an evaluation or joint evaluation of sub-component could be undertaken by several partners, or a donor could take the lead in commissioning a sub-component evaluation, but in each case there needs to be care to preserve the independence of the evaluation and ensure it meets minimum CGIAR evaluation standards.

65) **Quality Assurance with some independent verification:** Quality assurance is a **supportive process** built upon acceptance of common evaluation standards, appropriate evaluation capacity at each level, cost-conscious sample verification processes and the possibility for essential gap filling. Incentives to undertake the required evaluation work and meet standards are required in such a system and there must be adequate resourcing and financial as well as soft incentives (see paragraph 71). The IEA's own work will be subject to external quality assurance, as well as that of decentralized evaluation.

6.4 Physical location, Staffing and Budget of the IEA & Scheduling IEA Establishment

Physical Location

66) In considering the physical location to be recommended for the IEA, account has been taken of the presence at the location of CGIAR and related non CGIAR institutions and other evaluation offices which can share experience. Consideration also had to be given to costs, logistics and the willingness and degree of independence afforded by the host organization¹⁵.

67) The option with the greatest potential and opportunity for synergies appears at present to be location in Rome. In Rome the evaluation unit would be a relatively neutral location with ease of communication throughout the CGIAR system (including the overlap of time zones, ease of getting visas, IT connectivity, etc.). The link and feed-back loop to the ISPC and SPIA would be facilitated.

¹⁵ Experiences have been taken into account of FAO in hosting the Independent Science and Partnership Council and organizations having independent legal status such as the Crop Diversity Trust. In the World Bank the case of the GEF Evaluation Office was considered.

There is also a cluster of three international evaluation offices¹⁶ working on food and agriculture and in FAO's case global public goods, if not research. Total cost of locations will be a significant factor and in the case that a satisfactory hosting agreement cannot be achieved with FAO or one of the other Rome-based agencies, further alternatives with some loss of perceived, if not actual, neutrality and independence appear to be:

- a) Washington hosted by the World Bank;
- b) Montpellier physically hosted by the Consortium.

68) Although a developing country location might reduce some costs, hosting by a Center has been ruled out as not providing for adequate perception of independence and in several cases not providing adequate opportunity for interaction/communication with the main parties (time zones, visas, etc.).

Staffing and Consultancy Requirements

69) Evaluation requires a set of professional competencies. What is being proposed is a cost-efficient decentralized evaluation system. A single central evaluation function will allow for economy in staffing while attaining critical mass in evaluation skills. The small central unit will have a role in maintaining institutional memory, central data bases and in providing the lead for a community of evaluation practice. Evaluation teams will generally be entirely composed of consultants but experience elsewhere has shown that evaluation managers with little practical exposure to evaluation are not the best managers. The consultants' proposals will take account of these considerations¹⁷.

Budget and Resourcing

70) It is important that budgets for evaluation should be kept separate from those for performance monitoring and other forms of review. In developing the budget proposals, the understanding that evaluation itself must be cost-effective will be very much to the fore. Budget options will be developed on the basis of the policy and mandate and proposed work programme which will themselves take into account the potential available budget. They will also take into account existing CGIAR expenditures on evaluation¹⁸. Although not fully comparable, due to the complexities and risks of research discussed above, information will be obtained on standards and practice of expenditure for evaluation of normative programmes and technical cooperation in the best-practice agencies of the international system (evaluation of investment is not seen as at all comparable). Any data which can be obtained on organizations' budget norms for the evaluation of research will also be examined.

71) Budgeting needs of evaluation and performance assessment of CRPs must be built in at the time of CRP design, but at the moment it appears that not all CRPs have made adequate budget provision for this and it may be seen as something of an add-on. It is considered important that a financial incentive be offered to the CRPs to properly carry out both performance monitoring and

¹⁶ FAO, IFAD, WFP

¹⁷ A very indicative indication of preliminary thinking on staffing is an evaluation head, 2-3 professional staff and 1-2 support staff with the extensive use of consultants.

¹⁸ Estimates from Centers of their costs (not total costs) for EPMRs and CCERs are available for 2005 compiled by the Alliance. These do not include direct and indirect costs to the Science Council or the cost of other Center evaluations (direct and indirect)

evaluation of components and sub-components as well as soft-incentives in terms of internal capacity building and outputs of evaluation of strong relevance to managers. Positive incentives will be studied, for example, through a formula based on matching funds provided centrally to the CRPs from the IEA for evaluation, subject to meeting minimum evaluation standards.

72) Not all evaluation can come from the Core funding presently set at two percent for the CGIAR system institutions and it is misleading to present all evaluation (central and decentralized) as part of the overhead budget. The proposals will thus examine the alternatives. Proposals will provide full costing for the budget of the IEA, and indicative costing for decentralized evaluation. Although it is recognised that there also indirect costs of evaluation, it will not be possible to elaborate these, but as evident elsewhere in this report, a guiding principle will be that they are minimised.

Scheduling of IEA Establishment

73) Proposals for scheduling of IEA establishment and the initial evaluation programme will take realistic account of the needs of the work program and the time taken to recruit, set-up offices, etc. Although subject to further study, it is envisaged that the IEA would begin work in 2012 and that the first CRP evaluations would not be initiated until 2014, following which they would be conducted at the rate of 2-3 per year, allowing all CRPs to be covered in 6-7 years, in line with revision of the CRPs. The period until 2014 would concentrate on getting decentralised evaluation better established and supporting the conduct of such evaluations as well as starting the evaluation of CGIAR central institutions (which will not be resource heavy). On demand evaluation may also be undertaken, including of emerging operational issues and support provided to the Consortium and Lead Centers in establishing CRP performance monitoring. The first system wide evaluation is envisaged as also beginning work in 2014 for completion in 2015.

Figure 4: Indicative and Tentative Schedule for IEA Establishment

Action	2012		2013	2014	2015
	Semester 1	Semester 2			
Recruit IEA Head	x				
Recruitment by IEA Head of evaluation staff		x			
Establish and maintain consultants register		x	x	x	x
Improve and extend guidance notes		x	x	x	x
Support development of decentralized evaluation including capacity and conduct of the decentralized evaluations		x	x	x	x
Establish and maintain data bases		x	x	x	x
Support initial development of performance monitoring by the Consortium and Centers		x	x	x	

Action	2012		2013	2014	2015
	Semester 1	Semester 2			
On demand evaluations			x	x	x
Central scientific services and gene bank evaluations				x	x
CRP evaluations				x	x
Initiate first system wide evaluation for completion in 2015				x	x
Review evaluation policy and initial performance of IEA with a view to improvements				x	

7. Future Work of the Consultant Team

7.1 Deliverables

74) The Terms of Reference for this work (Annex 9) specify the expected Deliverables and their broad content; they are thus not repeated here but in summary they require production of thoroughly discussed, ready for approval drafts on:

- a) CGIAR evaluation policy and standards on research for development;
- b) Mandate and terms of reference of the Independent Evaluation Arrangement and its head;
- c) Guidance for independent evaluation of CGIAR Strategic Research Programs (CRPs);
- d) Guidance for independent evaluation of the CGIAR Partnership as a whole (system review);
- e) Advice on design and indicators for performance agreements between the CGIAR Fund and the Consortium of Centers;
- f) Options for housing the Independent Evaluation Arrangement (IEA) in FAO; and
- g) Budgeting and staffing needs of the IEA.

75) It is proposed to regroup the requested deliverables and their contents in line with recent international practice in the division between Policy and Guidance, as follows (a more elaborated breakdown is summarised in an Annex 10)

- a) CGIAR evaluation policy and basic evaluation standards: The evaluation policy and basic standards document will have the equivalence in the national context to legislation. Once approved by the Fund Council, and hopefully the Consortium Board and individual Center Boards, it could normally be expected to have a life of at least five years. However, in the case of the CGIAR, which is embarking on a very new structure, the evaluation policy may require revision after some two-three years of working experience;
- b) Evaluation Guidance: The guidance notes will be designed to facilitate and drive forward the application of common standards and metrics for evaluation across the CGIAR. This is a set of documents which will develop over time with emerging international practice and CGIAR

experience and have the equivalence in national systems of Regulations and/or Departmental manuals, rules and directives. Where appropriate, they may be incorporated in the CGIAR Common Operational Framework;

- c) Elaborated proposals on institutional arrangements for the totality of the evaluation function in the CGIAR, including resources and staffing and for the Independent Evaluation Arrangement (IEA) and the decentralized evaluation function, including staffing competencies and tendering criteria; scheduling of the full establishment of the IEA, budgeting and financing arrangements and proposals for an initial work programme;
- d) Notes or advice as an input to the development of the Performance Management Monitoring and Information System(s) on CGIAR Research Programmes (CRPs) and other elements of CGIAR performance

76) In addition to the substantive documents the team will provide a summary report on the methods used in its work, the persons and documents consulted, etc.

77) The limitations on the budget will curtail the level of detail to which more detailed deliverables can be developed in guidance notes, competency requirements, suggested possible indicator matrices, etc.

78) The basic structure of each document will provide both the proposed text for approval and reasoning behind the text. If necessary, alternative texts (options) will also be provided. All deliverables will be grounded in established international practice as found in the accepted and commonly applied guidelines, definitions and standards of the OECD-DAC, United Nations Evaluation Group and the Evaluation Cooperation Group of the multilateral development banks, including the Sourcebook for Evaluating Regional Global and Partnership Programs¹⁹. They will also address the specific needs of Science for Development and the CGIAR. Current evaluation methodology originated in project and program assessment, not the evaluation of the efficiency, effectiveness or impact of institutions. It was also not developed primarily to evaluate impacts of complex programs with long cause and effect chains and multiple actors and certainly not research for development. The IEA must aim to achieve a balance that embraces established best practice and evolving new practices to address challenges larger than those of project and program assessment.

7.2 Approach

79) The overall approach of the team will continue to be highly consultative and interactive and will be undertaken with the support of a reference group (see below). To the extent possible in the limited time available, the team will release notes for reaction and comment as the team proceeds with its work. This will both help to identify contentious issues and build consensus. The limited travel resources available will be used to further this consultative process, capitalising on meetings where stakeholders are already present and maximising virtual communication. In preparing the Inception Report, the team has already undertaken consultations with (see Annex 4 for full details):

- a) Fund Council Members and Office;
- b) Consortium Board and Executive Director and senior staff;

¹⁹ Independent Evaluation Group (IEG) of the World Bank and the DAC Network on Development Evaluation, Sourcebook for Evaluating Regional and Global Partnership Programs, Indicative Principles and Standards, Washington, DC 2007

- c) Center Directors-General and Board Chairs;
- d) Other staff of Centers concerned with evaluation and impact assessment;
- e) The Independent Science and Partnership Council Members and Secretariat and SPIA;
- f) Evaluation Offices of international organizations; and
- g) Members of the CGIAR Independent Review Team and leader of the WB-IEG evaluation.

80) Contacts are being further widened to key personnel in the CGIAR supported Centers, to gain private sector insights, with CGIAR internal audit and importantly by engaging with GFAR and other representatives of developing countries to gain insight into their requirements from the CGIAR and thus criteria and potential feedback mechanisms which may be applied in evaluation.

81) Continued discussions and possibly formal questionnaires will continue to be sufficiently open-ended to allow all issues of concern to be raised but will work against check lists developed by the team to systematically cover all elements of the terms of reference, both separately and as an integrated whole. These discussions will help to further clarify the issues discussed above and the coverage of guidance notes and may identify currently unforeseen questions.

82) In addition to wide discussion with stakeholders, the major deliverables and options for consideration will be developed using to the extent time and resources permit, the following resources and analysis:

- a) A sample of recent CGIAR evaluations with information on their type, modalities by which they were prepared (independent consultants, in-house, with donors, etc.) and the extent to which they meet evaluation standards. This will assist in developing capacity specifications and standards for the CGIAR;
- b) Study of the evaluation policies and institutional frameworks of comparator organizations, including any information on how well they have performed; and
- c) Study of existing guidelines and reference materials including those of the CGIAR. Guidance for independent evaluation of the CGIAR Partnership as a whole (system review) will be supported to the extent resources permit by a review of recent evaluations of international organizations and partnerships²⁰ including their frequency, costs, scope, methods and arrangements for follow-up;
- d) The consultants will review the CRPs developed to date with regard to their specification of impacts, outcomes, deliverables and the related targets and performance indicators. Indicators will be reviewed both in terms of their practical verifiability and relevance to the deliverable-outcome-impact means to ends chain. The work of the CRPs themselves, e.g. GRiSP for rice, in further developing monitoring and evaluation will also be followed and lessons will be drawn from the experience of other institutions, such as FAO in introducing results based programming and its performance monitoring.

83) **Distribution of work between the consultants** will remain pragmatic and collegiate, with overall lead assigned to John Markie, who will also take the main responsibility on evaluation policy, institutional, financing and budget, human resource, administrative and process questions. Julia

²⁰ e.g. IDA, IFAD, FAO, the CGIAR, UNAIDS, UNESCO, the GEF and the Global Fund

Comptom will have the first line of responsibility for guidance notes and standards on evaluation and performance assessment guidance.

7.3 Reference Panel and Specialist Inputs

84) In order to expand the expertise available to the consultant team, a small reference group will be established composed of internationally recognised senior specialists who will provide advice and critique the draft deliverables. Membership of the reference group is proposed in Annex 2. It is envisaged that the reference group may meet face-to-face once but will largely work virtually. Members will be remunerated to ensure their input.

85) A small amount of funds will be held for any detailed specialist input found to be required during the course of the work.

7.4 Scheduling the Work

86) The Schedule is designed to ensure all deliverables are available to the Fund Council for it Consideration in November of this year. Work is summarised in the figure below.

Figure 5: Schedule of Work by Consultant Team		
Period 2011	Lead and First Line of Responsibility John Markie	First line of responsibility Julia Compton
April 2011	<ul style="list-style-type: none"> • Modify work plan and deliverables in line with guidance received from Fund Council (5-6/4) • Inform all parties of modified work plan and deliverables • Establish reference group 	<ul style="list-style-type: none"> • Inputs into overall performance framework and CRP performance frameworks, including indicators, as appropriate • Collect available data on decentralised CGIAR evaluations and their cost
May	Complete review of evaluation policies of other agencies	<ul style="list-style-type: none"> • Finalise initial list of standards and guidance materials and proposed content • Review international evaluation standards, research evaluation issues and sample of CGIAR evaluations
June	<ul style="list-style-type: none"> • Circulate draft evaluation policy and Tors of the IEA for comment • Draft interim report to the Council • Draft Evaluation Policy 	<ul style="list-style-type: none"> • First draft evaluation standards • First drafts of guidance materials, including guidance on CRP, overall CGIAR and special issues evaluation
July	<ul style="list-style-type: none"> • Interim Progress report to Fund Council (5-6 July) • Draft evaluation policy to Council 	<ul style="list-style-type: none"> • First draft of competency requirements for evaluators and decentralized evaluation managers • Develop other guidance materials as required, for example on quality assurance
August/September	<ul style="list-style-type: none"> • Finalise proposals on institutional arrangements, budget 	<ul style="list-style-type: none"> • Circulate draft documents for comment. Incorporate comments

Figure 5: Schedule of Work by Consultant Team		
Period 2011	Lead and First Line of Responsibility John Markie	First line of responsibility Julia Compton
	and financing of evaluation and performance reporting <ul style="list-style-type: none"> • Assist with guidance as required • Circulate above proposals for comment 	
October	Final proposals and report circulated for Comment	
November	Consideration of final report and all proposals and documents by Fund Council	
December	Finalise all documentation taking account of Fund Council Decisions	
Please note: The limitations on the budget will curtail the level of elaboration to which more detailed deliverables can be developed in guidance notes, competency requirements, suggested indicator matrices, etc.		

7.5 Budget for the Consultancy

87) The indicative proposed budget is provided below. It conforms to the budget ceiling provided in the terms of reference. In order to facilitate the expeditious handling of the work, it is proposed that there should be fungibility between budget lines, in line with normal practice.

Table 1: Budget for the IEA Consultancy	Expenses	Honoraria	Total
Cost inception phase (total)	23,000	39,000	62,000
Consultant travel and incidental expenses up to and including Montpellier	23,000		23,000
Consultant honoraria up to delivery of inception report (2x30 days each)		39,000	39,000
Cost Design Phase for IEA	77,000	81,000	158,000
Consultant travel and incidental expenses (including attendance at two meetings of the Fund Council and possibly meetings of the Consortium)	37,000		37,000
Consultant honoraria (indicatively 55 days Markie +74 days Compton)		81,000	81,000
Reference panel honoraria and expenses and expenses of specialist inputs	40,000		40,000
Grand Total	100,000	120,000	220,000