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Final Report

Workshop on Sustainable Development Indicator Framework for Africa

Addis Ababa, Ethiopia
10-11 March 2011

Organized by United Nations Economic Commission for Africa

In collaboration with:

African Union Commission
African Development Bank
United Nations Environment Programme
United Nations Development Programme

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Acronyms and abbreviations

ACNNR	African Convention on Nature and Natural Resources
AEO	African Environment Outlook
AfDB	African Development Bank
APRM	African Peer Review Mechanism
AMU	Arab Maghreb Union
AUC	African Union Commission
CAADP	Comprehensive Africa Agriculture Development Programme
CBD	Convention on Biological Diversity
COMESA	Common Market for Eastern and Southern Africa
DPSIR	Driving Force-Pressure-State-Impact-Response
DRC	Democratic Republic of the Congo
EAC	East African Community
ECA	Economic Commission for Africa
ECCAS	Economic Community of Central African States
ECOWAS	Economic Community of West African States
FSSDD	Food Security and Sustainable Development Division
ICPD	International Conference on Population and Development
IGAD	Intergovernmental Authority on Development
IPF	Intergovernmental Panel on Forests
JPOI	Johannesburg Plan of Implementation
MDGs	Millennium Development Goals
NEPAD	New Partnership for Africa's Development
PRS	Poverty Reduction Strategy
RECs	Regional Economic Communities
SADC	Southern Africa Development Community
SDIF	Sustainable Development Indicator Framework
SDRA	Sustainable Development Report on Africa
SDRA-IV	Sustainable Development Report on Africa – Fourth Issue
UNCCD	United Nations Convention to Combat Desertification
UNCSD	United Nations Commission on Sustainable Development
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNFCCC	United Nations Framework Convention on Climate Change
WTO	World Trade Organization
WHO	World Health Organization

1. Introduction

1. The Workshop on the Sustainable Development Indicator Framework for Africa took place in Addis Ababa, Ethiopia, from 10 to 11 March 2011, at the United Nations Conference Centre.
2. The workshop was organized by the United Nations Economic Commission for Africa (ECA) in collaboration with the African Union Commission (AUC), African Development Bank (AfDB), United Nations Environment Programme (UNEP) and United Nations Development Programme (UNDP).
3. The main objective of the workshop was to discuss the Sustainable Development Indicator Framework for Africa, taking into account the need for a well framed and robust analysis of progress towards sustainable development in the continent. It was also intended to provide a forum for policymakers and practitioners to exchange best practices and lessons learnt in monitoring sustainable development at the national level.
4. The workshop formed an integral part of Africa's regional preparations for the United Nations Conference on Sustainable Development (Rio+20) to be held in Rio de Janeiro, Brazil, in June 2012. It followed the Workshop on Institutional and Strategic Frameworks for Sustainable Development in Africa that was held at the same venue from 7 to 9 March 2011. Please refer to the website of the African Regional Preparatory Process for Rio+20: http://www.uneca.org/eca_programmes/sdd/events/Rio20/index.asp
5. The workshop outputs will inform the fourth issue of the Sustainable Development Report for Africa (SDRA-IV), whose theme is "Managing Africa's natural resource base for sustainable growth and development".
6. Overall, the workshop emphasized the critical role that comprehensive and agreed sustainable development indicators play – not only in tracking progress towards sustainable development, but also in facilitating the identification of strengths and weaknesses in the implementation process. The workshop underlined that by developing a sustainable development framework for Africa, the continent was for the first time taking full charge of the development of meaningful and relevant indicators for sustainable development in the region. The meeting agreed on a proposed sustainable development indicator framework for Africa and enriched the suggested compendium of sustainable development indicators. The workshop adopted action-oriented recommendations for effective use and further improvement of the indicator set. The workshop also underscored the need for harmonized approaches, and for capacity-building of relevant actors at the national and subregional levels.

II. Attendance

7. The workshop was attended by more than 100 policymakers and experts from planning, finance, economic, social and environment ministries and agencies and national statistics offices of ECA member States. Member States represented were: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Republic of Congo, Democratic Republic of Congo (DRC), Djibouti, Ethiopia, Gabon, the Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, the Niger, Rwanda, Senegal, Seychelles, Sierra Leone, South Africa, the Sudan, Swaziland, Tanzania, Togo, Uganda, Zambia and Zimbabwe.
8. Regional Economic Communities (RECs) represented were the Arab Maghreb Union (AMU), the Common Market for Eastern and Southern Africa (COMESA), the East African Community (EAC), the Economic Community of Central African States (ECCAS), the Economic Community of West African States (ECOWAS), the Intergovernmental Authority on Development (IGAD) and the Southern Africa Development Community (SADC).
9. Also represented were the African Union Commission (AUC), African Development Bank (AfDB), civil society organizations, United Nations Agencies, development partners, including the Canadian International Development Agency (CIDA), the Spanish Embassy and the Swedish Embassy.
10. The detailed list of participants is contained in Annex VIII.

III. Agenda

11. The meeting adopted the following agenda:
 - Opening of the workshop
 - Presentation and discussion on experiences in the development and use of indicator frameworks relevant to sustainable development at the global and regional levels
 - Presentation and discussion on the proposed sustainable development indicator framework for measuring and tracking progress on sustainable development in Africa
 - Presentation and discussion on the proposed compendium of indicators for assessing sustainable development in Africa
 - Focus group sessions on the proposed compendium of indicators for assessing sustainable development in Africa
 - Presentation and discussion on the findings of the focus group sessions
 - Main issues arising and recommendations
 - The way forward and closure.

The programme is provided in Annex I.

IV. Account of proceedings

A. Opening session

12. During the opening session, Ms. Isatou Gaye, Chief, Environment and Sustainable Development Section, Food Security and Sustainable Development Division of ECA welcomed participants on behalf of Mr. Abdoulie Janneh, United Nations Under-Secretary-General and Executive Secretary of ECA. Opening remarks were then made by Mr. Serge Bounda, Head of UNEP Liaison Office to the African Union Commission, United Nations Economic Commission for Africa, and Ethiopia; Dr. Siham Mohamed, representing the African Development Bank; and Mr. Ian Rector, Manager, Energy and Environment Group of UNDP. Dr. Mohammed Khalil Timamy, Head of Environment Division, Department of Rural Economy and Agriculture of the African Union Commission, delivered the opening statement on behalf of Ms. Tumusiime Rhoda Peace, AUC Commissioner for Rural Economy and Agriculture. Mr. Xiaoning Gong, Chief, Economic Statistics and National Accounts of the African Centre for Statistics, ECA, facilitated the session.

Welcoming remarks by ECA

13. Ms. Gaye stressed that the workshop formed an integral part of the regional preparations for the United Nations Conference on Sustainable Development. She lauded the productive partnership between ECA, AUC, AfDB, UNEP and UNDP that resulted in the successful convening of the workshop. She also acknowledged the valuable contribution of the regional economic communities. She said that the workshop represented another clear example of ECA delivering as one, given that relevant divisions of ECA and its subregional offices were involved in its organization. The outcomes of the workshop would inform the production of the fourth issue of the Sustainable Development Report on Africa (SDRA-IV) and subsequent ones.

14. Expanding on SDRA, Ms. Gaye said that the report as conceived would comprise two parts, the first providing a snapshot of progress towards sustainable development and the second focusing on specific themes of relevance to Africa's sustainable development agenda. She said that three issues of the report had so far been produced. The aim was for SDRA to become a flagship publication for Africa and a key instrument for promoting sustainable development in the region. It would provide relevant, robust and quality analyses of priority sustainable development issues, and be supported by effective dissemination and advocacy to reach out to all and to achieve the desired impact. In this context, she observed that a meaningful SDRA process required adequate resources and she invited partners to effectively support the process.

15. She concluded by recognizing the presence of participants with wide-ranging expertise and experience and expressed confidence that the workshop would come out

with concrete recommendations on measuring and tracking progress on sustainable development in Africa in a more systematic manner.

Remarks by United Nations Environment Programme

16. In his remarks, Mr. Serge Bounda emphasized the critical role that the workshop could play as an important milestone in Africa's preparation for the United Nations Conference on Sustainable Development. He described indicators as key tools for measuring and communicating progress at continental, national and even local levels, by providing evidence on the scale, distribution, pace and direction of change towards sustainable development.

17. He mentioned UNEP efforts towards monitoring progress on the environment in Africa through the Global Environment Outlook and the Africa Environment Outlook (AEO) published under the auspices of the African Ministerial Conference on the Environment. Mr. Bounda emphasized the need for effective monitoring through indicators, to close the data gap, build capacity in data collection and analysis, strengthen institutional capacity, develop effective coordination mechanisms with sectoral institutions, and share information with all stakeholders through participatory approaches.

18. UNEP supported various networks and institutions in Africa that could help fill the gaps, such as the Africa Environment Information Network and the International Agency for the Development of Environmental Information in the Central African subregion, which aimed to support environmental data gathering, analysis and assessment to enhance the decision-making process and dissemination of information.

19. In conclusion, he stressed that the workshop was critical to arriving at an agreement on the proposed framework of indicators for sustainable development that would be a fundamental input in designing a sustainable development action plan for Africa.

Remarks by United Nations Development Programme

20. In his opening remarks, Mr. Ian Rector emphasized that a single agency would not be able to provide all the support that countries required and, therefore, collaboration between agencies was a *conditio sine qua non*. Sound and coherent strategies were prerequisites for measuring progress and should not be for the sake of measuring alone. He expressed the need to move away from business as usual, which had proved unsustainable. A more radical, transformative change would be needed rather than a mere transition to "improved business as usual". In this respect, monitoring progress was critical.

21. He indicated that significant financial resources were likely to be made available to fight climate change. In this respect, it was necessary to ensure that such

resources were used in the context of the broader sustainable development agenda. It was important that the fight against climate change was integrated into a broader development perspective to avoid the risk of destabilizing the development balance by failing to use scarce financial resources effectively. He stressed the need to turn the workshop recommendations into action, and urged member States, ECA and all partners to take the necessary steps to ensure their effective implementation.

22. He emphasized that future efforts needed to focus on building on the joint expertise and resources of agencies, moving away from a supply driven agenda towards one driven by demand. The One United Nations approach that UNDP was piloting, together with other United Nations Agencies, in a number of countries worldwide would provide a platform for building such a new approach. He noted, however, that the strengths and capabilities of countries' own systems and processes were crucial elements for the success of that approach.

23. In concluding, he reiterated the commitment of UNDP to the process and urged participants to challenge the status quo and to take their experiences to a different and higher level.

Remarks by African Development Bank

24. Dr. Siham Mohamed spoke on behalf of Dr. Donald Kaberuka, President of the African Development Bank Group. Welcoming the participants, she observed that the meeting, with its focus on assessing sustainable development in Africa, was particularly important and timely not only for assessing Africa's progress towards a key target in the Millennium Development Goals (MDGs), but also for examining important contributions that development partners could make to enhance progress towards achieving sustainable development in Africa.

25. Dr. Mohamed enumerated the various tools at the bank's disposal aimed at promoting and advancing development results. She informed participants of what AfDB had been doing over the last several years to steadily intensify its statistical capacity-building activities in African countries. That, she said, was motivated by the need for reliable and up-to-date data to enhance measurement, monitoring and management of development results. In this respect, she drew attention to the Gender, Poverty and Environmental Indicators on African Countries published yearly by the Statistics Department of the bank.

26. She observed that the continent was faced with numerous challenges that could neither be tackled at the same time nor by any one institution alone. In this regard, she expressed hope that the development of indicators for sustainable development would provide a framework for maximizing the development impact of the various policy interventions in the continent through greater collaboration and coordination.

Opening statement by African Union Commission

27. Dr. Mohammed Khalil Timamy observed that little work had been undertaken on indicators of sustainable development in the context of Africa since the concept was first launched in Rio de Janeiro, Brazil, almost two decades previously. He said that measuring green GDP values remained an essential task that was yet to be accomplished on the continent. As part of the efforts by AUC, he mentioned a forthcoming project on natural resources accounting that would bridge some of the gaps at continental level. He said that the current workshop represented a significant step towards an agreed framework for measuring progress on sustainable development, without which it would be difficult to meaningfully measure changes and report on progress. With this, he declared the workshop open and wished participants fruitful and rewarding deliberations.

B. Introduction to the workshop and objectives

28. The ECA Secretariat gave a brief presentation on the background to the workshop, particularly in relation to production of the SDRA and its intended function of monitoring progress towards sustainable development in the region. The lack of data and consistency across countries with regard to indicators meant that a well-framed and robust analysis over time could not be performed. Hence the need to identify, in a participatory manner, a set of indicators covering the social, economic, environmental and institutional dimensions of sustainable development that was agreed by all relevant partners and could be consistently used to assess the status of sustainable development in the region across space and over time.

29. It was against that backdrop that ECA commissioned a study, the main objective of which was to propose a sustainable development indicator framework and produce a compendium of indicators covering the economic, social, environmental and institutional dimensions. The framework, including its compendium of indicators, was to be used in systematically measuring and tracking progress on sustainable development at the regional level, and to serve as a tool for conducting the assessment Part I of SDRA-IV, and subsequent ones.

30. The main objectives of the workshop were:

- To conduct a thorough review of the proposed sustainable development indicator framework and compendium of indicators, taking into account the need for a well-framed and robust analysis and Africa's priorities and specificities.
- To provide an opportunity for policy makers and experts from member States, African regional and subregional organizations, civil society organizations and various United Nations Agencies to share views and propose recommendations on the way forward towards systematically

measuring and tracking progress on sustainable development in the region, within the framework of the SDRA process.

31. Following the presentation, the Secretariat requested participants to complete the evaluation form to enable it determine the extent to which the meeting objectives and expected outcomes had been met, in order to inform decisions on improving the organization and servicing of meetings.

C. Development of sustainable development indicators at the global level – experiences, challenges and lessons learned

32. The consultant presented the evolution and status of sustainable development as a global agenda, touching upon the history of the concept and its meaning. The presentation emphasized how sustainable development should be about the people and for the people, and should integrate the economic, social and environmental pillars within a conducive governance framework. It provided an overview of global efforts towards monitoring sustainable development, in particular by the United Nations Commission on Sustainable Development (UNCSD), and the proposed set of sustainable development indicators.

33. The presentation highlighted lessons learned and how they were relevant for Africa. Those included: the need for a continuous review of sustainable development indicators, based on experience acquired in their use; the need to link sustainable development indicators at global, regional and national levels, and into existing national statistical systems; the need to avoid compartmentalization and achieve a true integration of the four dimensions of sustainable development through the careful choice of indicators.

34. In conclusion, the presentation emphasized how the absence of effective and capable institutions responsible for coordinating and guiding sustainable development at all levels, as well as issues of data availability and reliability, continued to be a hurdle.

35. Key issues arising and recommendations:

- i. There is a need for a core set of indicators to monitor progress towards sustainable development. However, the framework must be flexible to take into account national circumstances, in particular existing capacity and the relevance of each indicator at the country level. The framework should also be dynamic, and be revised as lessons are learned and new knowledge is acquired.
- ii. While there is no agreed ideal number of sustainable development indicators, a balance must be struck between theoretical and practical considerations, bearing in mind countries' limited resources and competing

demands. Furthermore, existing frameworks and efforts in data collection at the national level should be valorized and built upon. Those include MDG indicators; Poverty Reduction Strategy (PRS) indicators, and other relevant indicators, which are already integrated into national systems for monitoring purposes.

- iii. There is a need to rethink the way sustainable development indicators are conceived, in order to move away from a silo mentality and to attain true integration of the four dimensions of sustainable development. Cross-cutting issues such as gender mainstreaming must be given due consideration, as they are crucial to effectively operationalizing sustainable development in Africa.
- iv. Countries need to be supported in building the capacity of national statistical offices to collect and effectively handle sustainable development indicators, with the view to favouring the uptake, at country level, of the proposed indicator framework.
- v. There is a need for legal frameworks and sufficient financial, institutional and human capacity to develop sustainable development indicators, which can be used for policy formulation at the national level. ECA and other United Nations Agencies, AUC and AfDB should work together with Regional Economic Communities (RECs) and other partners to this end.
- vi. Increased efforts are necessary to ensure coherence and synergies among the many initiatives that are already being implemented. This should be supported by data sharing policies and strategies to enhance data and information sharing.

D. Presentation and discussion on the development and application of core environment indicators for the Africa Environment Outlook process: experience, challenges and lessons learned

36. UNEP Division of Early Warning and Assessment presented experiences and lessons learned over the years in the Africa Environment Outlook (AEO) process. The Outlook provides an integrated analysis of emerging issues under the thematic areas of the New Partnership for Africa's Development (NEPAD) Environment Action Plan and helps in tracking progress in meeting the environmental targets set under the MDGs.

37. The presentation highlighted several challenges, such as data availability, quality, accessibility and harmonization. In response to these challenges, an AEO Data Working Group was formed to advise on data issues in Africa. However, some governments had still not recognized the benefits of funding data collection and dissemination of environmental statistics. More efforts were needed to draw attention to the important role the environment plays in national development, poverty alleviation and sustainable development in Africa. An important lesson in the AEO report process related to the supporting role of the Africa Environment Information Network in helping countries and key stakeholders in Africa to understand the role and importance of harmonized data collection. Notwithstanding, improvements were needed in a number of areas, including the need for sustained and consistent engagement with countries to follow up workshop and meeting agreements to enable the full adoption of the core list of environmental indicators by all African countries, and for harmonization of efforts by key partners to ensure adoption of the environmental indicators.

38. In that regard, there was need for the core list of environmental indicators and the associated methodology sheets to be finalized and published, in English and in French. That would enable countries and key stakeholders in Africa to use them to collect the relevant statistics and data necessary for developing the indicators. Furthermore, there was a need to support countries in mainstreaming the relevant environmental indicators that support environmental management into national development plans and the systems of national statistical offices.

39. Key issues arising and recommendations:

- i. Availability of data is crucial for the application of the selected indicator sets. However countries and RECs are confronted with the challenge of collecting, storing, managing and sharing data. Therefore, countries should be supported to mainstream the relevant indicators that underpin environmental management and national development plans into the systems of national statistical offices. In addition, more effort is required

to strengthen the institutional framework to support data exchange at the various levels.

- ii. While some countries already have and are using analytical frameworks such as the Driving force-Pressure-State-Impact-Response (DPSIR) model, their challenge is the selection of indicator sets to be used in the analysis. Therefore, there is a need to provide countries with criteria adaptable to their unique circumstances to guide them in the selection of the relevant indicator sets.
- iii. All sectors have an important role to play in the selection and application of the indicator frameworks and the collection and dissemination of data to be used. In this regard, capacity-building in the selection and application of indicators should be extended to include actors beyond environment ministries and national statistical offices.
- iv. United Nations bodies and other partners should step up efforts to strengthen the capacity of RECs for the selection and application of sustainable development indicators and in the collection and management of data to feed into the regional reporting processes.
- v. In order for the core list of indicators to be adopted fully by all African countries and RECs, there should be sustained and consistent engagement with the countries and RECs to follow up on capacity-building activities.
- vi. In order to enhance monitoring and reporting efficiency and reduce the transaction costs for countries, RECs and other stakeholders, there is need for coordination of efforts, and convergence and harmonization of selected indicator sets to meet the reporting and monitoring requirements of key programmes and processes at national, regional and global levels.
- vii. Mechanisms for data quality and credibility assurance should be carefully identified and made integral elements of the report preparation process. In the case of the AEO, this is achieved through the data working group, internal and external peer review, and reliance on specialized and relevant United Nations and other bodies, as sources of data.
- viii. Countries could make requests to relevant United Nations agencies and other development partners to support capacity-building of institutions responsible for collecting environmental monitoring data. Capacity-building should be extended to include training to better understand the conceptual and analytical frameworks of environmental indicators, as well as to collect data.

E. Sustainable Development Indicator Framework for measuring and tracking progress on sustainable development in Africa

40. The consultant presented the proposed Sustainable Development Indicator Framework (SDIF) for measuring and tracking progress on sustainable development in Africa, and the Compendium of Indicators. The presentation outlined the benefits of having an agreed SDIF as follows: providing the policy and institutional context for developing sustainable development indicators; clarifying their conceptual underpinning; helping to organize systematically the indicators; setting out criteria for choosing them; and identifying the key sustainable development themes and sub-themes for the continent. Therefore, the objectives of the workshop were fitting, namely to validate the approach and methodology used for identifying, selecting and organizing the sustainable development indicators, the choice of the framework for developing the indicators, the themes and sub-themes for Africa, and the core set of indicators.

41. The proposed approach and methodology for the SDIF for Africa built on a clear understanding of the reasons for the sustainable development indicators, and on existing international and regional indicator frameworks such as the UNCSD Sustainable Development Indicators, Global Environment Outlook, Africa Environment Outlook, Human Development Index, international organizations' databases, etc. Frameworks that could be used to organize indicators ranged from the DPSIR framework that highlighted the cause-effects relationship, to the capital framework that was based on an extended national accounting system, integrating financial, capital, produced goods, but also natural, human social and institutional capital. The proposed SDIF for Africa was built on the DPSIR framework, integrating institutional elements and mitigation factors.

42. In the proposed SDIF, themes, sub-themes and indicators were identified on the basis of whether they addressed more than one pillar of sustainable development, as shown in Chart 1. Core indicators were those addressing all three pillars of sustainable development.

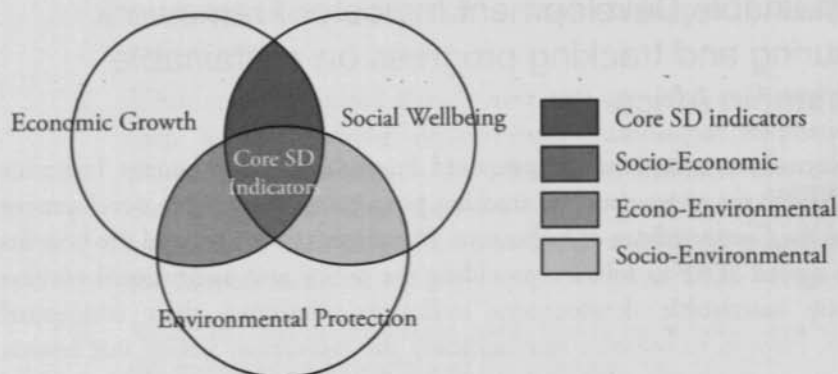


Chart 1. Core sustainable development indicators, socioeconomic sustainability, econo-environmental and socio-environmental sustainability indicators.

43. Themes and sub-themes proposed for Africa's SDIF took the themes of UNCSD as the starting point, but refined to better reflect Africa's specificities and to be in line with the NEPAD framework. For instance, while poverty was a theme in the UNCSD framework, food and agriculture were not – yet their relevance for Africa's sustainable development was clear. Annex II summarizes the proposed core sustainable development themes for Africa, and their relationship to national, regional and global commitments.

44. In order to identify sustainable development indicators, each theme was broken down into sub-themes that helped to focus on the key issues to be monitored and organize the indicators in the modified DPSIR framework, but allowing for flexibility. The selection of the core indicators to cover the themes and sub-themes was based on the following criteria: relevance; effectiveness; reliability; understandable, unambiguous, and conceptual soundness; availability (of data); capacity to show trends over time and differences between places and groups of people; and consistency with current practices, including nomenclature, definitions, etc.

45. The presentation provided examples of the proposed themes, sub-themes and indicators and identified possible sources of data, including national records, surveys, censuses, mapping and remote sensing institutions, as well as international organizations and ad hoc studies and research. While data availability and reliability presented an issue, qualitative indicators could be useful to fill the gap as new data was sourced or built. The consultant outlined his view of an African sustainability monitoring system, that would allow monitoring and evaluation of sustainable development indicators in Africa, in particular in relation to their ability to monitor whether: wealth was created, sustained and fairly shared; ecosystem services were protected, and natural resources, including biodiversity, sustainably used; economic efficiency had improved – and

inequity and poverty reduced; pollution was prevented; culture was preserved; and the country was delivering on its international commitments.

46. Regarding the way forward, the consultant recommended that ECA, AUC, AfDB and partners should prepare an action plan for the finalization, testing at country level, and continuous improvement, refinement and institutionalization of the proposed Sustainable Development Indicator Framework. Strong national ownership and internalization of the proposed sustainable development indicators were critical. That called for the strengthening of national statistical systems.

47. Key issues arising and recommendations:

- i. By developing a sustainable development framework for Africa, the continent is for the first time taking full charge of the development of meaningful and relevant indicators for sustainable development. This is critical for Africa's progress, but the process should build on what exists at national, regional and global levels.
- ii. Elements that should be taken into account in evaluating the proposed themes for the Sustainable Development Indicator Framework for Africa are: relevance; effectiveness; reliability; understandable, unambiguous, and conceptual soundness; availability (of data/information); capacity to show trends over time and differences between places and groups of people; and consistency with current practices including nomenclature, definitions, etc. The cost of the indicator is suggested as an additional criterion.
- iii. Indicators related to education such as the quality of education and the brain-drain should be included in the compendium of indicators. Furthermore, vocational training should be considered as part of education. As a sub-theme, culture should be considered, including indicators for local languages.
- iv. The Sustainable Development Indicator Framework needs to integrate the four dimensions of sustainable development and act as a catalyst to bring together relevant ministries concerned with sustainable development.
- v. The Sustainable Development Indicator Framework should include quantitative and qualitative indicators, as the latter could help fill the gap for those data that are not yet available. It could also provide a platform to explore indicators for assessing countries' vulnerability to climate change, which may be instrumental for accessing financial resources.
- vi. The AUC, AfDB, ECA, UNEP, UNDP and their partners should work together to ensure the further development and application of the Sustainable Development Indicator Framework and the Compendium of Indicators for the benefit of countries and RECs. To this end, a working group with core partners, interested organizations and member States

should be set up to continue working on the framework and compendium. Furthermore, the output of the working group could be validated by member States as part of this process.

F. Focus group discussions and presentations on the proposed framework and compendium of indicators for assessing sustainable development in Africa

48. The ECA Secretariat introduced the work of the focus groups. The objectives of the focus groups were to:

- (i) Achieve consensus on the core themes proposed in the Sustainable Development Indicator Framework;
- (ii) Assess the appropriateness of the assessment criteria proposed to identify the core indicators, namely: relevance; effectiveness; reliability; understandable, unambiguous, and conceptual soundness; availability (of data/information); capacity to show trends over time and differences between places and groups of people; consistency with current practices including nomenclature, definitions, etc.; and convergence of core indicators with other reporting/monitoring processes;
- (iii) Achieve convergence on the proposed indicators, focusing on specific themes and sub-themes assigned to the groups; and
- (iv) Identify and make suggestions towards finalizing the framework and compendium of indicators and for their effective use and application, and provide recommendations for continuous improvements.

49. The guidelines for the focus group sessions are provided in Annex III.

50. Participants were divided into four groups, each of which reported back to plenary the outcomes of its deliberations.

51. Given the time constraint, not all groups managed to undertake all the assigned tasks. The indicators under the following themes were not reviewed by the groups: demographics; global partnership for development; poverty; economic transformation and wealth generation; consumption and production patterns; infrastructure and markets; energy; social equity; and land.

52. Nonetheless, overall, the four groups endorsed the proposed Sustainable Development Indicator Framework for Africa and agreed with the proposed methodology, classification of indicators and themes.

53. Suggestions were made as to how the themes could be better refined in sub-themes and proposals were put forward for modifications and additions to the set of core indicators that would be better understood by decision makers. The groups' main

findings and the main issues arising from the plenary discussions are provided below. Full details of the groups' deliberations can be found in Annexes IV-VII.

54. The group reports

Group 1

- **Themes and sub-themes:** Group 1 considered that the 20 themes and the related sub-themes covered the most relevant issues for sustainable development in Africa. However, the group proposed several changes aimed at ensuring that the headings of the themes were more aligned with policy makers' understanding of the issues.
- **Assessment criteria:** The group found the proposed assessment criteria appropriate. It suggested adding a criterion on measurability to the list.
- **Indicators:** The group reviewed the indicators for the following themes: governance, peace and security, demographics, global partnership for development, poverty. The group was of the view that some of the proposed indicators might not be measurable in an objective manner, or that data might not be readily available. The group emphasized the need to ensure that the wording of the indicators did not impinge on national sovereignty. The group made concrete suggestions regarding indicators to be added or deleted.
- **Recommendations on the way forward:** The group recommended that the ECA Secretariat compile all comments and suggestions made in the course of the workshop, and circulate to participants and other stakeholders the revised Framework and compendium of indicators for further consultation and refinement.

Group 2

- **Themes and sub-themes:** The group thoroughly assessed the 20 themes and sub-themes and made extensive suggestions on elements that were not fully captured in the proposal. These included: *traditional medicine* under "Health and Nutrition"; *quality, access, relevance, equity, efficiency, costs, and vocational training* under "Education"; *groundwater* in the "Freshwater" theme; and the inclusion of *human-induced* hazards in addition to natural ones.
- **Assessment criteria:** The group suggested that the ultimate choice of core indicators should take into account the costs and complementarity with other indicators.
- **Indicators:** The group was assigned the indicators for the following themes: economic transformation/wealth generation, consumption and

production patterns, infrastructure and markets, and energy. Due to time constraints, the group could not provide comments on the indicators.

- **Recommendations on the way forward:** The group supported the proposal made by Group 1.

Group 3

- **Themes and sub-themes:** The group agreed with all the proposed themes, but provided suggestions on the sub-themes. For instance, under the theme "Food and Agriculture" the group suggested removing *food aid*, and adding *water for irrigation*. Under the "Health" sub-theme, the group suggested adding *morbidity*. The group also proposed *quality of education* and *access to education* as new sub-themes under the "Education" theme.
- **Assessment criteria:** The group did not discuss the proposed assessment criteria.
- **Indicators:** The group was assigned the indicators for the following themes: food and agriculture, education, health and nutrition, social equity and land. The group suggested several changes and additions. For instance, under the theme "Food and Agriculture", the group suggested adding *share of agriculture investment in total investment*, *food shortage*, and *environmental degradation*. Under the theme "Health", the group suggested *population growth* and *access to medication*, among others. The group also suggested adding *access*, *infrastructures*, *culture and tradition*, to the indicators for "Education".
- **Recommendations on the way forward:** The group supported the proposal made by Group 1.

Group 4

- **Themes and sub-themes:** The group suggested adding *tourism* as a theme of relevance for sustainable development in Africa and proposed several amendments to the themes and sub-themes contained in the draft Framework. For instance, under the "Education" sub-theme, the group suggested adding sub-themes on *vocational training* and *skill development*.
- **Assessment criteria:** The group considered the proposed assessment criteria appropriate and adequate. However, it suggested removing the last assessment criterion, "convergence of core indicators with other reporting/monitoring process", as it considered that this had already been captured in the criteria on "relevance and capacity to show trends over time and differences between places and groups of people".
- **Indicators:** The group was assigned the indicators for the following themes: fresh water, forests, oceans, seas and coasts, biodiversity, natural

hazards, and climate change and variability. The group proposed several additions, ranging from *proportion of fisheries threatened by overfishing*, to *capacity to respond to natural risks and disasters*, under the "Oceans, seas and coastal areas" and "Natural disasters" themes, respectively. The group also suggested *breaking down indicators by gender*, in particular in relation to the theme of "Social equity (women, youth, and participation)".

- **Recommendations on the way forward:** The group made the following recommendations: (i) revise the draft Sustainable Development Indicator Framework for Africa and the Compendium of Indicators based on comments received during the workshop; (ii) disseminate widely the revised document at regional, subregional and national levels, in order to ensure ownership and the applicability of the framework and the indicators; and (iii) integrate ongoing and new initiatives on sustainable development indicators and statistics.

G. Discussion of the focus group presentations

55. The presentations of the focus group findings generated in-depth discussions on the proposed sustainable development framework and the related indicators. The following is a summary of the key issues raised:

- (i) The difference between "corporate governance" and "economic governance" was explained, with the latter referring to economic policies, systems of incentives and disincentives, and monetary and fiscal policies put in place by the State; while the former referred to how governments manage their relationship with transnational corporations, how the private sector addresses sustainable development challenges, and the upholding of corporate social responsibility principles. Agreement reached: Corporate governance is an important issue for Africa, as it relates to how governments can ensure that principles of sustainable development are adhered to, including by the private sector.
- (ii) Some participants were of the view that indicators for biodiversity should differentiate between marine and terrestrial biodiversity, as the respective indicators may differ. Agreement reached: The reference point for the choice of indicators should be the Convention on Biological Diversity, as it represents international commitment on biodiversity.
- (iii) Participants sought clarification on food aid as a sub-theme, in terms of whether it should be measured as a response to emergencies or as a priority for the continent. Some participants believed it should be retained, but qualified to include monitoring the quantity of food aid that was produced within Africa. Other participants were of the view that

dependency on food aid was an issue in its own right, with the risk of perverse incentives for beneficiaries who became dependent on external support. Therefore, while the source of food was an important aspect, food dependency also needed to be monitored. In addition, while not all countries were dependent on food aid, it was considered an important component of national level safety nets, and was also linked to soil and water management. Furthermore, the management of food aid might impact both positively and negatively on food production and agriculture. Agreement reached: The sub-theme of food aid should be retained as presented in the draft framework.

- (iv) Participants debated the issue of economic transformation versus a broader economic environment. Agreement reached: "Economic transformation" to be replaced with "Economic environment" and "business climate" added as a sub-theme to enable the tracking of progress in the determinants of private sector investments – domestic and foreign.
- (v) Some participants expressed concern over the limited time available for internalizing the proposed Sustainable Development Indicator Framework for Africa and for consideration of the broader sustainable development issues and indicators that could also be relevant. In this context, they questioned whether the SDIF as discussed should be adopted by the participants, or whether it should be submitted to member States for further consideration and adoption. Participants converged on the idea that the revised SDIF, incorporating comments received at the workshop, would need to be owned by member States so that the relevant elements could be integrated into national statistical systems. Agreement reached: Participants agreed that the task of defining a sustainable development indicator framework for Africa and a related compendium of indicators, was an important task that deserved further discussion. The workshop offered a platform for exchanges on that important topic and collaborative work on further refining the proposals needed to continue. In this regard, participants invited ECA to set up a community of practice or a knowledge networking platform to enable the continuation of the discussions. Email exchanges and videoconferences were suggested as possible media to further the work on the SDIF and compendium of indicators. This could start with a core group of interested member States and Agencies. The SDIF was endorsed with the agreed amendments to form the basis for future work.

56. The representative of the United Nations Educational, Scientific and Cultural Organization (UNESCO) informed participants that the organization was ready to continue collaborating on the further development of the Sustainable Development

Indicator Framework for Africa, particularly in relation to strengthening the indicators pertaining to the education sector.

H. Next steps

57. ECA will finalize the draft workshop report, to be circulated to participants for comments, within three weeks following the workshop (week commencing 4 April 2011). Participants will be given one week to provide comments.

58. Meanwhile, work will continue on revising the sustainable development indicator framework and compendium of indicators. A revised draft will be circulated for comments within seven weeks following the workshop (week commencing 25 April). Participants, national focal points for sustainable development, and other interest parties will have three weeks to provide comments.

59. Work will continue, and the framework for sustainable development indicators and (selected) sustainable development indicators will be further refined and used in the preparation of the fourth issue of the Sustainable Development Report for Africa (SDRA-IV), which will commence around June 2011.

60. The draft SDRA-IV will be discussed at an expert group meeting in September 2011. This will provide another opportunity to look at the framework for sustainable development indicators and the (selected) sustainable development indicators.

61. ECA, together with AUC, AfDB, RECs and other partners, will explore the establishment of a community of practice on the sustainable development indicators for Africa to inform the further development and application of the indicators at regional, subregional and national levels.

I. Closure

62. Mr. Josué Dioné, Director of the Food Security and Sustainable Development Division of ECA, presided over the closing session.

63. The representative of Morocco moved a vote of thanks on behalf of the participants.

64. Dr. Siham Mohamed thanked all participants for their tireless efforts and valuable contributions. She reiterated the commitment of AfDB to supporting the implementation of the workshop's recommendations, as well as the general preparatory processes for Rio+20.

65. Mr. Serge Bounda expressed his gratitude to the participants and his satisfaction at the output of the workshop, which would form a basis for Africa's preparations for Rio+20. He urged participants to make the link between national, subregional,

regional and global processes, as the way to ensure Africa's meaningful participation in the global debate on sustainable development.

66. Mr Assan Ng'ombe, Programme Specialist, UNDP Regional Service Centre, emphasized the importance of ownership of the process, and that the significant contribution and dedication of the participants were clear signs of a good start. He stressed that true partnerships at all levels would be critical in achieving Africa's sustainable development objectives.

67. Closing the workshop, Mr Josué Dioné, Director, Food Security and Sustainable Development Division, ECA, expressed his sincere gratitude to all participants for their valuable contributions and for their partnership and collaborative spirit, even in the face of changes to the agenda and translation difficulties. He emphasized the need to build on what existed and to move forward at the appropriate pace. Flexibility should be a key underlying principle – as member States were at different levels and capacities to monitor progress towards sustainable development.

Annexes

Annex I: Programme of work

Thursday, 10 March 2011

08:30-09:30	Registration of participants
09:30-10:30	Opening of the workshop <ul style="list-style-type: none">• Remarks by ECA• Remarks by UNEP, UNDP and AfDB• Opening statement by the African Union Commission
10:30-10:50	Introduction of participants
10:50-11:05	Tea/coffee break
11:05-11:10	Adoption of the agenda and programme of work
11:10-11:30	Introduction and objectives of the workshop
11:30-13:00	Presentation and discussion on the development of sustainable development indicators at global level: experience, challenges and lessons learned
13:00-14:30	Lunch break
14:30-15:30	Presentation and discussion on the development and application of core environment indicators for the Africa Environment Outlook process: experience, challenges and lessons learned
15:30-15:45	Tea/coffee break
15:45-17:45	Presentation and discussion on the proposed sustainable development indicator framework for measuring and tracking progress on sustainable development in Africa

Friday, 11 March 2011

09:00-9:30	Recap of day 1 and introduction to the focus group discussions
9:30-11:30	Focus group discussion on the proposed framework and compendium of indicators for assessing sustainable development in Africa
11:30-11:45	Tea/coffee break
11:45-13:00	Focus group discussion on the proposed framework and compendium of indicators for assessing sustainable development in Africa continued
13:00-14:30	Lunch
14:30-16:00	Focus group presentations and discussion
16:00-16:15	Tea/coffee break
16:15-17:30	Discussions on main issues arising and recommendations
17:30-18:00	Next steps and closure

Annex II: Core sustainable development themes for Africa and status

Themes	SD Core Pillars			National, regional, global commitments	UNCSD theme
	Economic growth	Social wellbeing	Environmental protection		
Economic transformation and wealth generation	✓	✓	✓	National development plans, NEPAD,	Modified
Poverty	✓	✓	✓	MDGs, NEPAD	✓
Governance	✓	✓	✓	APRM, NEPAD, MDGs,	✓
Food and agriculture	✓	✓	✓	MDGs, NEPAD, CAADP	X
Health and nutrition	✓	✓	✓	MDGs, NEPAD	✓
Social equity (women, youth, participation)	✓	✓	✓	Beijing Platform, AU charters on women and youth	X
Education	✓	✓	✓	MDGs, NEPAD	✓
Demographics	✓	✓	✓	ICPD, MDGs, NEPAD	✓
Land	✓	✓	✓	UNCCD, AEO	✓
Forests	✓	✓	✓	NEPAD, ACNNR, CBD, UNCCD, IPF	✓
Fresh water	✓	✓	✓	African Water Vision, CBD, Ramsar	✓
Biodiversity	✓	✓	✓	CBD, ACNNR, AEO	✓
Energy	✓	✓	✓	NEPAD	X
Natural hazards	✓	✓	✓	AU/NEPAD Disaster Risk Reduction Strategy	✓
Climate variability and change	✓	✓	✓	UNFCCC, MDGs African Common Position on Climate Change	Included under atmosphere
Infrastructure and markets	✓	✓	✓	NEPAD, JPOI	X
Oceans, seas and coasts	✓	✓	✓	CBD, NEPAD, African Maritime Transport Charter of Durban, Abidjan and Nairobi Conventions	✓
Consumption and production patterns	✓	✓	✓	JPOI, African 10 Year Framework Programme on Sustainable Consumption and Production, chemicals and waste-related conventions	✓
Peace and security	✓	✓	✓	NEPAD	X
Global partnership for development	✓	✓	✓	NEPAD, MDGs, WTO, ACP agreements, Monterrey Consensus, Paris Declaration, Agenda 21 and JPOI	✓

Source: Sustainable Development Indicator Framework for Africa and Initial Compendium of Indicators: revised draft for discussion, March 2011.

Annex III: Guidelines for the focus group discussions

Objectives of the focus group discussions:

- Achieve consensus on the themes
- Achieve convergence on the indicators for the specific themes assigned to the group
- Identify and make suggestions towards finalizing the framework and compendium of indicators
- Way forward for effective use and application
- Recommendations for continuous improvement.

Tasks of the group:

1. Select a chairperson and rapporteur
2. Review and make recommendations on the 20 themes proposed:
 - a) Do the themes cover the most relevant issues for sustainable development in Africa?
 - b) If not, what is missing?
 - c) Are all the themes relevant? If not, which ones should be dropped at this stage of the process?
3. Review and make recommendations on the proposed criteria for assessing indicators. Are the criteria appropriate and adequate? What other criteria should be added?
 - Relevance
 - Effectiveness
 - Reliability
 - Understandable, unambiguous, and conceptually sound
 - Availability (of data/information)
 - Capacity to show trends over time and differences between places and groups of people
 - Consistency with current practices including nomenclature, definitions, etc.
 - Convergence of core indicators with other reporting/monitoring processes.
4. Review and make recommendations on the proposed indicators assigned to the group on the basis of the criteria identified in 3) above. What additional indicators, if any, would you recommend to be added?
5. Make recommendations for finalizing the framework and compendium of indicators.

6. Make recommendations towards their effective use and application.
7. Make recommendations on future improvements to the SDIF.
8. Wrap up and prepare summary to present in plenary – foresee a 10-minute presentation, to allow time for discussion.

Annex IV: Report of Focus Group 1

Group members

Mr. Gabriel Eba Ebe	Ministère de l'Environnement et de la Protection de la Nature	Cameroun
Mr. Cherinet Tamiru Tefere	Ministry of Finance and Economic Development	Ethiopia
Mr. Saturnin Bationo	Ministère de l'Économie et des Finances	Burkina Faso
Mr. Samuel Echoku Okorom	Uganda Bureau of Statistics	Uganda
Mr. Jemal Abdi Ali	Central Statistical Agency	Ethiopia
Ms. Khadija El Houdi	Haut Commissariat au Plan	Morocco
Mr. Jamel Boujdaria	Arab Maghreb Union	
Ms. Wivine Ntamubano	EAC	
Ms. Tidenekyalesh Asfaw	COMESA	
Ms. Matengu Gloria Netta	National Planning Commission	Namibia
Mr. Aissa Halimi	Ministère de la Santé, de la Population et de la Reforme Hospitalière	Algeria
Mr. Larbi Abdelfettah Lebbaz	Algerian Diplomatic Mission	
Mr. Chibwe Dikani	Ministry of Natural Resources, Energy and Environment	Malawi
Mr. Mohamed Mohamed Lehbib	Ministere delegue aupres du Premier Ministre chargé de l'Environnement et du Développement Durable	Mauritania
Mr. Charles M. Mujajati	Ministry of Economic Planning and Investment Promotion	Zimbabwe
Ms. Ndey Sireng Bakurin	National Environment Agency	The Gambia
Mr. Mutemwa Joseph	Central Statistical Office	Zambia
Mr. Christ Paddia	Ministry of Health and Quality of Life	Mauritius

Summary of group's deliberations

A. Themes and sub-themes

The 20 themes covered the most relevant issues for sustainable development in Africa. However, the group made proposals to amend the names of themes, to combine some themes and to add others. It was also suggested that the themes should be classified into four categories, social, economic, environment and governance.

Proposals for amending themes

Theme	Proposed amendment
Economic transformation	Economic/macroeconomic environment
Fresh water	Water resources
Natural hazards	Natural hazards and disasters
Consumption and production patterns	Sustainable consumption and production patterns
Land	Land and desertification
Infrastructure and markets	Infrastructure

Proposals for amending sub-themes

Economic transformation/wealth generation		
Sub-theme	Proposed amendments	Proposed new sub-themes
Exports (volumes and structure)	Trade structure (exports/imports)	<ul style="list-style-type: none"> • Structure of indebtedness • Foreign exchange coverage in terms of imports • Market access • Ecotourism

Governance		
Sub-theme	Proposed amendments	Proposed new sub-themes
Corporate governance	Remove the sub-theme	<ul style="list-style-type: none"> • Perceptions

Social equity		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Vulnerable groups

Biodiversity		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Wetland management

Infrastructure		
Sub-theme	Proposed amendments	Proposed new sub-themes
Market access	Remove the sub-theme	<ul style="list-style-type: none"> • Transport • Public procurement

Consumption and production patterns		
Sub-theme	Proposed amendments	Proposed new sub-themes
Transportation	Remove the sub-theme	

Peace and security		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Immigration

B. Assessment criteria

The group considered the seven criteria appropriate. It proposed an additional criterion, *measurability*.

C. Indicators

The group looked at the indicators for the following themes; governance; peace and security; demography; global partnership for development; and poverty.

At the outset, the main issue that arose during discussions was that the indicators might not be measurable and that there was need to take into account the difficulty of data collection. The Group placed emphasis on the measurability of indicators. Member countries would have to use available international data and whatever data was published at national level to propose indicators. Survey results provided good sources of qualitative and quantitative indicators, although qualitative indicators might be subjective.

Another observation was that the constraints indicated should be made more understandable.

Governance		
Indicator	Proposed amendments	Proposed new indicators
Lack of public participation	Inadequate public participation	<ul style="list-style-type: none">• Rigidity of the government system• Insufficient flow of foreign direct investment
Corporate governance	Remove this indicator	

Peace and security			
Pressure/constraints	Responses	Impact	Mitigation
Political risks Social risks Economic risks	Political instability Social instability (collective bargaining, public disturbances, strikes) Economic instability (reduction of growth rate)	Internal displacement Lack of foreign direct investment Disruption of social fabric Disruption of economic activities Lack of economic perspective Request for political asylum	Promote peace and security Political dialogue Improve integration at all levels Eradicate poverty Openness and democratization Education and awareness campaign Conflict resolution mechanisms

General remarks:

- The column "Pressure/constraints" contained phrases which were too generalized and needed to be toned down.
- The indicators needed to be rephrased and refined to make them compliant with the criteria.

D. Recommendations on the way forward

The ECA Secretariat should compile all comments and suggestions made in the course of the workshop and circulate the revised SDIF for Africa and Compendium of Indicators to participants and other relevant stakeholders for further consultation and refinement.

Annex V: Report of Focus Group 2

Group members

Mr. John Owuor	Ministry of State for Planning, National Development and Vision 2030	Kenya
Mr. Ronald Kaggwa	National Environment Management Authority	Uganda
Ms. Nkaiseng Mamotselisi Monaheng	Ministry of Finance and Development Planning	Lesotho
Ms. Bezawit Eshetu	UNEP	
Ms. Thembie Remona Zwane	Ministry of Economic Planning and Development	Swaziland
Mr. Thobei Thabo Sam	Bureau of Statistics	Lesotho
Mr. Leon Mudubu Konande	ECCAS	
Mr. Georges Mba Asseko	ECCAS	
Mr. Gorfe Negussie	ECA/African Centre for Statistics	
Mr. Roger Mbassa Ndine	Cabinet Stratégies, Finances et Développement	Cameroon
Ms. Mbye Ntoma Gislin	Commission Nationale du Développement Durable	Gabon
Mr. Djibril M. Naguibou	Ministère de la Santé	Benin
Mr. Tesfaye Berhanu Tesemma	Ministry of Finance and Economic Development	Ethiopia
Mr. Robert Hofst	CBD Secretariat	
Mr. Paul Nderitu	Kenya National Bureau of Statistics	Kenya
Mr. Hokameto Etorh	Ministère de la Santé	Togo

Summary of group's deliberations

A. Themes and sub-themes

In general, the group felt that the proposed themes and sub-themes were relevant and adequate. It felt, however, that the following themes should be added: culture, and science and technology. The group also put forward the following suggestions for improvements:

Proposals for amending themes

Themes	Proposed amendments
Social equity (women, youth, participation)	Social equity (women, youth, children, elderly, disabled)
Education	Education and training
Fresh water	Fresh water, ground water and wetlands
Natural disasters	Natural and man-made hazards

Proposals for amending the sub-themes

Economic transformation/wealth generation		
Sub-theme	Proposed amendments	Proposed new sub-themes
Produced wealth	This sub-theme is not very clear, it should be made more explicit	<ul style="list-style-type: none"> Value addition (compliance with international standards) Imports

Poverty		
Sub-theme	Proposed amendments	Proposed new sub-themes
Perception	This sub-theme is not very clear	<ul style="list-style-type: none"> • Living conditions (access to basic services e.g. water and sanitation, shelter, education, health)

Governance		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Public procurement (shifted from production and consumption) • Political commitment

Food and agriculture		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Bio-engineering/bio-safety • Irrigation

Health and nutrition		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Morbidity • Mortality • Traditional medicine • Air quality (shifted from climate change)

Social equity		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Participation

Education		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Quality • Access • Relevance • Equity • Efficiency and cost • Vocational training

Demographics		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Population density • Population dynamics (fertility, mortality rates, migration) • Human settlement patterns • Population structure

Land		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Irrigation

Forests		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Forest status

Fresh water		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Fisheries

Biodiversity		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Standing biomass Ecosystem services

Energy		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Energy efficiency

Natural and man-made disasters		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Vulnerability to man-made and natural disasters

Climate variability and change		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Mitigation Adaptation

Infrastructure and markets		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Transport (air, railway, road)

Oceans, seas and coasts		
Sub-theme	Proposed amendments	Proposed new sub-themes
Coastal zone	Unclear, propose "Coastal ecosystem management"	<ul style="list-style-type: none"> Aquaculture

Consumption and production patterns		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Transport services Transport safety

Peace and security		
Sub-theme	Proposed amendments	Proposed new sub-themes
Human security	Human security (environment security, energy security, food security, etc)	

Global partnership for development		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Fair trade South-South cooperation

Demographics		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Population density • Population dynamics (fertility, mortality rates, migration) • Human settlement patterns • Population structure

Culture (new theme)		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Indigenous knowledge • Religion • Traditional institutions

Science and technology (new theme)		
Sub-theme	Proposed amendments	Proposed new sub-themes
		Research Innovation (moved from infrastructure)

B. Assessment criteria

The group suggested adding the following criteria to the list: cost, and complementarity with other indicators.

C. Indicators

The group did not discuss the indicators.

D. Recommendations on the way forward

The group did not discuss recommendations on the way forward.

Annex VI: Report of Focus Group 3

Mr. Anthony A. Nimely	Ministry of Education	Liberia
Mr. Alex Miston Banda	SADC	
Mr. Viriri Manasa	Zimbabwe National Statistics Agency	Zimbabwe
Ms. Sham-Jacmohun Bibi Sadhna Banoo	Central Statistics Office	Mauritius
Ms. Amie Khan	Ministry of Finance and Economic Affairs	The Gambia
Mr. Azhari Abdelkarim	IGAD	
Mr. Kwabena Oku-Afari	Ministry of Finance and Economic Planning	Ghana
Mr. Augustine Ollman Fomba Kai-Banya	Ministry of Lands, Country Planning and the Environment	Sierra Leone
Mr. Abraham Gebregiorgis	WHO Country Office – Ethiopia	
Mr. Maletjane Motsomi	UNFCCC	
Mr. Cisse Boubacar	UNCDD	
Mr. Sirag Omar Abdoukader	Ministère de l'Intérieur et de la Décentralisation	Djibouti
Mr. Mohamed Lamine Yansane	Ministry of Health and Public Hygiene	Guinea
Mr. Ydo Yao	UNESCO	
Ms. Maingaila Moono	Gender in Development Division	Zambia
Mr. Manzi Sébastien	National Institute of Statistics of Rwanda	Rwanda

Summary of group's deliberations

A. Themes and sub-themes

Proposals for amending themes

Group 3 discussed the following sub-themes: food and agriculture; education; health and nutrition; social equity; and land. The group did not propose any amendments to the themes.

Proposals for amending sub-themes

Food and agriculture		
Sub-theme	Proposed amendments	Proposed new sub-themes
Food aid	Remove the sub-theme	<ul style="list-style-type: none"> Water Irrigation

Health		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Morbidity

Education		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Quality of education Access to education

B. Assessment criteria

The group did not discuss the assessment criteria.

C. Indicators

The group looked at the indicators for food and agriculture; health and nutrition; education.

Food and agriculture		
Indicator	Proposed amendments	Proposed new indicators
Erosion of coping capacity	Substitute with "adjustment of coping capacity"	Under pressures: <ul style="list-style-type: none">• Land degradation• Food prices• Pest and diseases• Population growth
Famine	Substitute with "food shortage"	Under impacts: <ul style="list-style-type: none">• Increased poverty and dependency• Environmental degradation
		Under mitigation: <ul style="list-style-type: none">• Investment in agriculture• Development and implementation of national food security strategies and action plans
		Under status: <ul style="list-style-type: none">• Share of agricultural investment in total investment

Health		
Indicator	Proposed amendments	Proposed new indicators
		Under pressures: <ul style="list-style-type: none">• Access to health facilities• Access to health workers• Access to medications• Poverty• Urbanization• Population growth• Climate change• Lack of health data
		Under responses: <ul style="list-style-type: none">• Increased reliance on traditional/spiritual medication/remedies• Reduction in health status of people• Self-medication• Over-reliance on cheap imported food• Lower consumption levels of food
		Under impacts: <ul style="list-style-type: none">• Increased mortality• Weakened human resource capacity and productivity• Emergence and spread of new diseases• Increased malnutrition• Increased poverty

Health		
Indicator	Proposed amendments	Proposed new indicators
		Under mitigation: <ul style="list-style-type: none"> • Develop and implement national health strategies and action plans • Increase water and sanitation coverage • Family planning • Health education

Education		
Indicator	Proposed amendments	Proposed new indicators
		Under pressures: <ul style="list-style-type: none"> • Infrastructure of education facilities • Culture and tradition • Low remuneration • Urbanization
		Under response: <ul style="list-style-type: none"> • Increased makeshift schools • Increased migration
		Under impact: <ul style="list-style-type: none"> • Low quality of education • High level of illiteracy • High drop-out rates • Poverty • Increased child labour • Increased crime
		Under mitigation <ul style="list-style-type: none"> • Strategy for education reform • Increased funding for education • Advocacy for adult education • Decentralization of education sector

D. Recommendations on the way forward

The group did not discuss recommendations on the way forward.

Annex VII: Report of Focus Group 4

Group members

Ms. Faiza El-Naim	Central Bureau of Statistics	Sudan
Ms. Josephine K. Youssef	African Women's Economic Policy Network	
Ms. Magaua Eliza Mónica	National Institute of Statistics	Mozambique
Ms. Diouf Astou	Ministère de la Famille chargé de la Sécurité Alimentaire et Stratégies Développement Social	Senegal
Mr. Fode Boundy	Ministere de la Sante	Mali
Mr. Carlos Cadete	Minister of Environment	Angola
Mr. Gilbert Kilola Lutswamba	Ministere de l'Environnement, Conservation de la Nature et Tourisme	Democratic Republic of Congo
Mr. Gilbert Molekpo	Ministere de l'Environnement et Ecologie	Central African Republic
Mr. Jollam Banda	Ministry of Development Planning and Cooperation	Malawi
Mr. Peter Nyambok	Ministry of Gender, Children and Social Development	Kenya
Mr. James Mougul	Seychelles National Parks Authority	Seychelles
Mr. Johnson Boanuh	ECOWAS	
Mr. Joseph Enyimu	Ministry of Finance, Planning and Economic Development	Uganda
Mr. Dintwa Kakanyo Fani	Central Statistics Office	Botswana
Ms. Matilda Elizabeth Williams	Ministry of Finance and Economic Development	Sierra Leone
Mr. Njovana Tinashe	Ministry of Environment and Natural Resources Management	Zimbabwe
Mr. Marcos Sapateiro	Ministry for Coordination of Environmental Affairs	Mozambique

Summary of group's deliberations¹

A. Themes and sub-themes

Proposals for amending themes

The group discussed all the themes proposed in the SDIF and concluded that the theme "Tourism" should be added to the list, in view of its importance for development on the continent or, at least, for the majority of African countries.

Theme	Proposed amendments
Economic transformation/wealth generation	Economic management/wealth generation
Education	Education and skills development

¹ The summary was delivered in French. Translated by ECA FSSDD.

Proposals for amending sub-themes

Economic transformation/wealth creation		
Sub-theme	Proposed amendments	Proposed new sub-themes
Sustainable financing for development	Substitute with "Domestic resource mobilization for development"	<ul style="list-style-type: none"> Imports (plants and machinery)

Poverty		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Access to land resources and means of production Access to assets (capital)

Governance		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Institutional governance

Food and agriculture		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Access to land resources and means of production

Health and nutrition		
Sub-theme	Proposed amendments	Proposed new sub-themes
Mortality	Use "Mortality and morbidity"	<ul style="list-style-type: none"> Health provision and coverage (access) Hygiene and sanitation

Social equity		
Sub-theme	Proposed amendments	Proposed new sub-themes
Social protection	Substitute "Social wellbeing" in the French version with "social protection". Revise the sub-theme into "Social protection and vulnerable groups"	<ul style="list-style-type: none"> Persons with disabilities Social minorities Propose that all indicators be presented disaggregated by gender and minorities

Education		
Sub-theme	Proposed amendments	Proposed new sub-themes
Skill development	In French, it should be translated as "savoir faire"	<ul style="list-style-type: none"> Scientific research Research and development facilities Access to education

Demographics (population dynamics)		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Distribution of population

Land		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> Land reclamation (seas, oceans)

Forest		
Sub-theme	Proposed amendments	Proposed new sub-themes
Forest management	Substitute with "Sustainable forest management"	

Fresh water		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Access to potable water • Water option • Water resource management

Natural disasters		
Sub-theme	Proposed amendments	Proposed new sub-themes
		Management of risks and disasters

Climate change and climate variability		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Adaptation • Mitigation

Consumption and production patterns		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Research and development for green products/technologies

Peace and security		
Sub-theme	Proposed amendments	Proposed new sub-themes
Human conflict	Substitute with "security of property and persons"	

Infrastructures and markets		
Sub-theme	Proposed amendments	Proposed new sub-themes
Roads	Modify into "Transport systems (roads, trains, airports, ports)"	

Global partnerships for development		
Sub-theme	Proposed amendments	Proposed new sub-themes
Multilateral environmental agreements	Substitute with "Multilateral and bilateral agreements"	<ul style="list-style-type: none"> • Technology transfer
Tourism (new theme)		
Sub-theme	Proposed amendments	Proposed new sub-themes
		<ul style="list-style-type: none"> • Eco-tourism • Management of protected areas

B. Assessment criteria

The group recommended eliminating the last criterion, which was already taken into account in the criterion on *relevance and ability to show trends*.

C. Indicators

The group examined the indicators for the following themes: fresh water, forests, oceans, seas and coasts, biodiversity, natural hazards, and climate change and variability.

Water		
Indicator	Proposed amendments	Proposed new indicators
		<ul style="list-style-type: none">• % of the population with access to potable water

Forests		
Indicator	Proposed amendments	Proposed new indicators
Forest degradation	Substitute with "Surface (ha) of forest degraded"	<ul style="list-style-type: none">• Surface of land reforested/ restored

Oceans, seas and coasts		
Indicator	Proposed amendments	Proposed new indicators
		<ul style="list-style-type: none">• Critical areas flooded by sea• Number of marine species threatened by fishing

Natural hazards		
Indicator	Proposed amendments	Proposed new indicators
		<ul style="list-style-type: none">• Intervention capacity in the wake of risks and disasters (qualified personnel, equipment, financial resources)

Climate change and variability		
Indicator	Proposed amendments	Proposed new indicators
		<ul style="list-style-type: none">• % of the population capable of dealing with the impacts of climate change

D. Recommendations on the way forward

The group recommended that the SDIF be revised to include the proposed new themes and sub-themes and the relevant indicators. The revised document should then be disseminated and awareness created on the indicator framework at regional, subregional and national levels, to ensure its effectiveness and use. Finally, all ongoing and new initiatives related to the SDIF should be taken into account.

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