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## 2. Planned Activities for the Reporting Period

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## 3. Financial Statements for the 2007 EFY
It is our great pleasure to present to you the 2007 EFY (2014/2015) Annual Report of the Ethiopian Academy of Sciences. Looking back, we believe that in the past year we have reached an important milestone in the history of the Academy. The first five-year EAS Strategic Plan has been completed and preparations for the second have begun. We would like to take this opportunity to congratulate Fellows, members of Working Groups and the Secretariat for a successful year and thank them for providing the Academy with their diverse range of expertise, contributing to the successful completion of its projects.

We would also like to extend our heartfelt appreciation to all stakeholders and partners for their support and for the part they played to the implementation of the annual Action Plan and to the growth of the Academy. We would also like to pay special tribute, particularly to the Government of the Federal Republic of Ethiopia for providing the annual budgetary subvention and the Ministry of Science and Technology, the Governments of the United States and Sweden (through their respective Embassies in Addis Ababa) for their encouragement and financial support.

We believe that the progress made and the results achieved in the past year and the demonstrated confidence of stakeholders on the Academy should not be a source of complacency. It should rather encourage us to intensify our efforts to bolster our capabilities and enhance our publication outputs and services.

Finally, we call upon all Fellows and partners to join hands and redouble their commitment to make EAS a dynamic institution and a reliable source of evidence-based advice to realize the development aspirations of the country.
The Ethiopian Academy of Sciences (EAS) is an autonomous, non-profit, non-governmental organization established by Proclamation 783/2013 in March 2013. The Academy was founded on 27 March 2010 by a group of prominent scholars and launched on 10 April 2010. The initiative to establish the Academy began in 2007 through informal discussions among concerned scientists who felt the need for promoting a culture of science and science-based development in the country.

EAS aims to provide evidence-based advice to the Government and to promote the development of the sciences and their applications. It plans to do this by undertaking consensus studies, organizing conferences and workshops on significant national issues, awarding prizes in recognition of excellence and publishing reports, periodicals and books. EAS also aspires to promote literature and the arts and make a contribution to cultural revival through the cultivation of the arts and generation of public interest and engagement.
GOVERNANCE

The General Assembly is composed of Fellows of the Academy. The Board consists of eight members elected from among Fellows and three members assigned by the Government (a representative of the Ministry of Science and Technology and two representatives of Government Research Institutes). The Board makes decisions on all matters affecting the Academy, including management and coordination activities. The Executive Committee comprises the President, the Principal Vice-President, the Vice-President and the Treasurer monitors and assists implementation of decisions of the General Assembly.

The Secretariat, led by the Executive Director, is responsible for the execution of day-to-day activities of the Academy subject to the general guidelines of the Board.

BOARD MEMBERS

Prof. Demissie Habte  
President

Prof. Sebsebe Demissew  
Member

Prof. Bahu Zewde  
Principal V/President

Prof. Tsige-Gebre Mariam  
Member

Dr. Brhane Gebrekidan  
V/President

H.E. Ato Mohamouda Ahmed Gaas  
Member

Prof. Yalemtsehay Mekonnen  
Treasurer

H.E. Dr. Kassu Yilala  
Member

Prof. Alemayehu Teferra  
Member

Dr. Amha Kebede  
Member

Prof. Baye Yimam  
Member

Prof. Masresha Fetene  
Secretary (without vote)
The five EAS Working Groups, ad hoc study teams, and the Secretariat, with the guidance of and support from EAS Executive Committee and Board, implemented the planned activities for the reporting period. The Action Plan has been approved at the Third Regular Meeting of EAS General Assembly and submitted to the Ministry of Finance and Economic Development (MoFED). The Ministry transferred Birr 10,000,000.00 into the Academy’s account in the reporting period for the execution of activities and projects. EAS also received project grants in the sum of Birr 5,984,023.70 from the Department of International Aid, UK, the Danish and Norwegian governments through the Horn of Africa Regional Environment Centre and Network (HoA-RECN) and Birr 790,168.00 from the Ministry of Science and Technology.

Below is an overview of the major activities carried out in the reporting period (8 July 2014 - 7 July 2015), based on the five Core Programs indicated in the 2011-2015 Strategic Plan. Incorporated in the summary are also implementation challenges and constraints.
EAS redesigned and upgraded its website to make it more attractive and informative. The Techno Bros Company (selected through a bidding process) undertook the designing and upgrading work. A new column has been added to upload news and information, such as plans, performance and event announcements related to EAS Working Groups. Financial resource from the Ethiopian Panel on Climate Change (EPCC) project grants from the HoA-RECN enabled the designing and upgrading of the website. Events organized by the Academy have also been uploaded on the website in the form of news and announcements. EAS facebook has also been used to post announcements and promote activities.

Radio and television announcements have been made to publicize conferences and public lectures in the reporting period. Professor Masresha Fetene, EAS Executive Director, also gave interviews on Sheger Radio to promote EAS programs and activities.
2.1.2 MAINTAIN STRONG AND CONTINUOUS COMMUNICATION WITH EAS FELLOWS

EAS kept its Fellows and Associate Fellows abreast of its activities through a quarterly EAS Update. Four issues of the Update have been prepared and forwarded via e-mail addresses. EAS Secretariat also disseminated hard copies of the Update to selected organizations and distributed them at events organized by the Academy. In addition, EAS uploaded the Update on its website to enhance information accessibility.

The Secretariat has been systematically organizing information to maintain records (election, induction, CV and bio) of Fellows, Associate Fellows and Honorary Fellows to facilitate communication between members and the Academy. Profiles of members are also compiled for publication in booklet form.

EAS General Assembly held its Third Regular Meeting on November 29, 2014. The main agenda items were:

- Induction of Fellows and Associate Fellows elected under the 2013/2014 cycle;
- Review of the 2013/2014 fiscal year performance of the Academy and approval of audit report;
- Election of new Fellows and Associate Fellows;
- Review of progress towards establishing the Ethiopian Young Academy of Sciences (EtYAS); and

The newly-inducted Associate Fellow, Professor Ib Friis of the Danish National Museum of Natural History, gave an induction lecture titled “Ethiopian plants and the people who use and study them – examples from 250 years of botanical observations, encounters and exchanges of ideas between locals and foreigners” at the Assembly. Professor Friis is a senior botanist who has been
actively engaged in botanical research and field study in Ethiopia since 1970.

The major challenge the Assembly noted was the very low participation of Fellows in events organized by the Academy.

2.1.3 ELECT AND INDUCT NEW FELLOWS AND ASSOCIATE FELLOWS

The Academy officially inducted 24 Fellows and 33 Associate Fellows elected in the 2014 election cycle at the Third Regular Meeting of its General Assembly held on 29 November 2014. The Table below summarizes the sectoral composition of the newly inducted members.

<table>
<thead>
<tr>
<th>Sector</th>
<th>Fellows</th>
<th></th>
<th>Associate Fellows</th>
<th></th>
<th>Total</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Total</td>
<td>Male</td>
<td>Female</td>
<td>Total</td>
</tr>
<tr>
<td>Agricultural Sciences</td>
<td>6</td>
<td>-</td>
<td>6</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Engineering Science and Technology</td>
<td>4</td>
<td>-</td>
<td>4</td>
<td>2</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>5</td>
<td>-</td>
<td>5</td>
<td>1</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>7</td>
<td>-</td>
<td>7</td>
<td>14</td>
<td>-</td>
<td>14</td>
</tr>
<tr>
<td>Social Sciences, Humanities and Letters</td>
<td>2</td>
<td>-</td>
<td>2</td>
<td>11</td>
<td>-</td>
<td>11</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>24</strong></td>
<td><strong>24</strong></td>
<td><strong>29</strong></td>
<td><strong>30</strong></td>
<td><strong>53</strong></td>
<td><strong>54</strong></td>
</tr>
</tbody>
</table>
The General Assembly also elected 14 candidates nominated by three Working Groups as a response to the call by EAS Board to nominate additional Fellows to raise especially women membership. The Table below summarizes the number of newly elected members by sector.

<table>
<thead>
<tr>
<th>Sector</th>
<th>Fellows</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Total</td>
<td>Male</td>
<td>Female</td>
<td>Total</td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>Agricultural Sciences</td>
<td>1</td>
<td>-</td>
<td>1</td>
<td>1</td>
<td>-</td>
<td>1</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>4</td>
<td>3</td>
<td>7</td>
<td>3</td>
<td>-</td>
<td>3</td>
<td>7</td>
<td>-</td>
</tr>
<tr>
<td>Social Sciences &amp; Humanities</td>
<td>2</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7</strong></td>
<td><strong>3</strong></td>
<td><strong>10</strong></td>
<td><strong>4</strong></td>
<td><strong>-</strong></td>
<td><strong>4</strong></td>
<td><strong>11</strong></td>
<td><strong>-</strong></td>
</tr>
</tbody>
</table>

The General Assembly commended efforts made by the Health Working Group to identify and nominate men and women scholars with outstanding achievements.

2.1.4 ESTABLISH AND LAUNCH AN ETHIOPIAN YOUNG ACADEMY OF SCIENCES (ETYAS)

EAS took the initiative to facilitate the establishment of the Ethiopian Young Academy of Sciences (EtYAS) in 2015. The main objectives of EtYAS are:

- To identify, bring together and support the very best young scientists/scholars to champion excellence and innovation in national scientific research;
- To promote interdisciplinary collaboration and representation among young scientists in Ethiopia;
To represent the voice of young scholars/scientists in national and international scientific issues; and

To serve as a bridge between young and senior scientists in the country.

EtYAS will undertake the following activities to meet its objectives:

- Organize regular membership meetings to manage the National Young Academy, discuss issues of concern to young scientists in Ethiopia, and to promote interdisciplinary research;

- Mobilize potential young scientists in Ethiopia (first degree graduates, young researchers, pre-PhDs, prospective PhDs) through public seminars to increase science education, international exchange, internships, and mentorship;

- Provide advisory services to young researchers in Ethiopia to build their research career potential;

- Promote publication on scientific issues of national importance in journals and magazines; and

- Leverage the connections of Ethiopian Academy of Sciences and EtYAS to initiate discussion among young scientists, policymakers (government), business leaders, and media representatives.

EAS Working Groups nominated candidates to a founding membership of EtYAS. EAS Board approved election of the Founding Members based on criteria the Secretariat set:

- PhD or an equivalent degree in natural sciences, engineering, social sciences, arts, or humanities or equivalent experience in a research environment;

- Scientific excellence ascertained by proven track record and a minimum of five publications in reputable national and international journals as senior author; or publication of books or book chapters (peer reviewed) or other products in fields where publications do not necessarily apply; and

- Candidate must be at the age of 42 or below.
EAS invited potential candidates to apply for founding membership through their institutions that included universities and research institutes. Out of 31 candidates, 27 young scholars were elected based on the recommendations of EAS Working Groups. The election process took into consideration gender and disciplinary representation in addition to age limit, scientific publications and outstanding contributions. The Table below illustrates the number and scientific disciplines Founding Members of EtYAS come from.

<table>
<thead>
<tr>
<th>Scientific Discipline</th>
<th>Founding Members</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
</tr>
<tr>
<td>Agricultural Sciences</td>
<td>5</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences &amp; Humanities</td>
<td>6</td>
</tr>
<tr>
<td>Engineering and Technology</td>
<td>4</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>24</td>
</tr>
</tbody>
</table>

The Maiden Meeting of EtYAS took place on January 26, 2015 in Addis Ababa. Seventeen Founding Members (out of 27) participated in the Meeting and adopted the interim Work Plan for the first year operation of EtYAS. The Meeting elected an Executive Committee that comprised representatives from the major disciplines of the sciences. Elected members of the Committee are Professor Woldeamlak Bewket (Chairperson), Dr Mariamawit Yonathan (V/Chairperson), Dr Berhanu Beshah (Secretary), Dr Seifu Kebede (Treasurer), and Dr Kefena Effa (Member).
Professor Yalemtehay Mekonnen, EAS Board Member and Treasurer, participated in a Workshop on Gender Mainstreaming in Science Education organized by NASAC in Nairobi from May 27-28, 2015. The Workshop focused on exchange of ideas and the role the different African academies could play to mainstream gender in education.

Professor Masresha Fetene attended a two-day Consultative Forum on Open Access hosted by the Network of African Science Academies (NASAC) and held in Nairobi, Kenya 29-30 January 2015. NASAC organized the Forum in collaboration with and support from UNESCO and the Royal Netherlands Academy of Arts and Sciences (KNAW).

Professor Demissie Habte and Professor Masresha Fetene attended a three-day Workshop organized by the Academy of Science of South Africa (ASSAf) in Pretoria, South Africa 17-19 February 2015. Representatives of African science academies, other science academies and organizations such as USNAS, the Royal Society, IAP, and ICSU (International Council for Science Unions) attended the Workshop. Discussion centered on the Strategic Plan of African Science Academies Development Initiative, positioning NASAC as the coordinator of post-ASADI activities and as the primary voice of African science academies at a pan-African level after a transition period of three years.

Professor Masresha Fetene also took part in a three-day continental Summit held under Revitalizing Higher Education for Africa’s Future theme. The Summit took place in Dakar, Senegal 10 – 12 March 2015. The purpose of the Summit was to build a movement of like-minded institutions to transform African higher education.

Professor Ahmed Ali Ahmed, Fellow of EAS, attended a Consultative Meeting of the African Research Initiative on Malaria (AFRIMAL), representing the Academy. The Meeting took place 3 - 4 February 2015 in Addis Ababa. The purpose of the Meeting was to reach an agreement on how to restructure a comprehensive network of scientists working on malaria to scale up African-led Health and Biologic Research believed to have the potential to reduce the burden of Malaria and improve the health of the population of Africa.
2.1.6 MAKE PREPARATIONS FOR THE SECOND SCIENCE CONGRESS OF EAS

Preparations for the Second Science Congress of EAS are underway under the theme of “Re-envisioning Higher Education and Research in Ethiopia.” The Congress will take place 26-27 November 2015 in conjunction with the Ministry of Education, Ministry of Science and Technology, Education Strategy Center and Consortium of Public and Private University Presidents. A Symposium on the Nature and Qualities of Traditional Education in Ethiopia: Lessons for Modern Education will also take place on 25 November 2015 as a pre-Congress event.

2.2 CORE PROGRAM # 2 PROVIDE CONSENSUS BUILDING PLATFORMS ON CRITICAL NATIONAL ISSUES

2.2.1 ESTABLISH WORKING GROUPS FOR THE ETHIOPIAN PANEL ON CLIMATE CHANGE AND ENABLE THEM TO CARRY OUT THEIR DUTIES

Two major Working Groups and five Sub-Working Groups were formed the previous year as part of the establishment of the EPCC. Supporting organizations and EAS signed agreements to operationalize the arrangements. Accordingly, Memoranda of Understandings were signed between the Ministry of Water, Irrigation and Energy (MoWIE), Ethiopian Institute of Agricultural Research (EIAR), Ethiopian Biodiversity Institute (EBI), Ethiopian Public Health Institute (EPHI), Ministry of Industry (MoI), and Ministry of Women, Children and Youth Affairs (MoWCYA).

The arrangements allowed access to resource persons of the supporting institutions to carry out EPCC activities and to meeting facilities. The institutions played major roles especially in the identification and selection of lead authors, authors and review editors for the respective Working Groups and Sub-Working Groups. Thus, EPCC signed consultancy service agreements with more than 60 lead authors, review editors and substantive editors for the write up of the First Climate Change Assessment Report for Ethiopia.

On average, lead authors and authors of the respective Working Groups and Sub-Working Groups held two to three consultation meetings per month. Members shared assignments, in keeping with the agreement, to prepare the First Assessment Report. As a result, Groups and Sub-Groups produced draft reports. Therefore, EPCC held its first National Plenary 20-21 November 2014 to discuss and develop the draft reports. In attendance were 110 participants, representing various stakeholders from all corners of the country. Each Working Group and Sub-Working Group presented its respective report. The discussions enabled gathering of invaluable comments and inputs that helped enrich and finalize the reports.
The Working Groups finalized seven sectoral reports, considering the inputs from the Plenary. Prominent experts in the respective sectors subsequently reviewed all reports. Finally, the Assessment Reports came out in the following seven volumes:

Volume I: Physical Science Basis of Climate Change
Volume II: Agriculture and Food Security
Volume III: Biodiversity and Ecosystems
Volume IV: Water and Energy
Volume V: Health and Settlement
Volume VI: Industry, Transportation and Infrastructure
Volume VII: Policy and Institutional Framework for Addressing Climate Change

EPCC also produced a policy brief in both English and Amharic, summarizing sectoral recommendations. The Reports will be officially released at a launching workshop to be held on August 31, 2015 at the Elilly International Hotel. Stakeholders, drawn from different ministries, research institutes and universities, organizations working on environment and climate change, are expected to attend the launching ceremony.

Three external consultants prepared the 2015 – 2019 Strategic Plan of EPCC that will guide activities and solicit funds to carry out activities.

EPCC, in collaboration with EAS Secretariat, organized a two-day Training Workshop on Result Based Management (RBM) as a Tool for Project Development, Project Execution, and Monitoring and Evaluation. The Training took place 25-26 June 2015 at EAS Headquarters. The major objective of the Training was to enhance understanding of RBM as a useful tool in formulating institutional strategies and action plans to achieve intended results. The Training covered topics such as Basic Terminologies and Concept of Result Based Management; Logical Framework Approach and Tools; RBM in Monitoring and Evaluation; and Performance Measurement Framework.
Mr. Ciaran D. Loane, Deputy Program Operation Manager at Save the Children and expert in RBM, provided the Training. Mr. Loane has hands-on experience in project proposal development and implementation. Lectures, group work and skills building exercises were major activities of the Training. Thirty-five trainees from universities, research institutes, government offices, non-governmental organizations, and EAS staff took the Training.

EPCC published the “Baseline Studies on Climate Change Research in Ethiopia” report in 500 copies and disseminated them to users. The Proceedings of the Workshop (on the establishment of EPCC) and EPCC brochure were also each printed in 300 copies and distributed to various stakeholders at different occasions. EPCC website (www.epcc-et.org) has also been developed and launched.

Although EAS did well in establishing and running the EPCC in almost a year, the process was not on track for the 18-month timeframe. That was mainly due to delay in project take off, the need for extensive stakeholder consultation, and the substantial time required to conduct the first national assessment and produce reviewed reports. EPCC, therefore, requested a no-cost extension of the project beyond February 2015 (March to August 2015), which was approved by the sponsors.

The misunderstanding by the management of the National Meteorological Agency (NMA) of the scope of EPCC has been the major constraint in implementing the EPCC project. Efforts have been made to resolve the issue by signing a Memorandum of Understanding between the Agency and EAS to a collaborative future. At present, there is a consensus to work together EAS as host of EPCC and NMA as chair of the Executive Committee.

2.2.2 COMPLETE THE ONGOING CONSSENSUS STUDY ON THE ESTABLISHMENT OF A NATIONAL RESEARCH COUNCIL IN ETHIOPIA AND SUBMIT REPORT

EAS began implementation of a Consensus Study on the establishment of a National Research Council for Ethiopia in the 2006 (EFY) with support from the African Science Academies Development Initiative (ASADI) of the United States National Academy of Sciences (US NAS) and the Swedish Development Agency (SIDA). EAS initiated the Study with a view to enabling the Academy to contribute towards the establishment of a National Research Council (NRC) that would serve as a catalyst in building the country’s research capacity for innovation and adaptation of appropriate technologies.

The major objective of the Study was to assess the national research situation and to propose an organizational structure and operational modalities of a National Research Council based on a thorough analysis of information collected through literature review, stakeholder consultation and benchmarking visits abroad.
A Consensus Study Team, composed of senior experts drawn from EAS Working Groups, was established the same year to undertake the study with close guidance and support from EAS Officers and Board. The Study Team produced a brief overview, giving a preliminary description of the landscape and dynamics of the research base in Ethiopia with the intention of informing policymakers and other stakeholders. The document was prepared through review of relevant literature, data collection and information from various academic and research institutions (governmental, non-governmental and private firms) in Addis Ababa and regions. Members of the Study Team also paid benchmarking visits to the National Research Foundation (NRF) of South Africa and the German Research Foundation (DFG). The objective of the visits was to learn from the rich experiences of NRF and DFG in leading and managing a research council.

Based on the experiences learned and analysis of the information gathered, the Consensus Study Team produced a draft Consensus Study Report that covered Purpose and Mandate, Powers and Duties, Functions, Statutory Framework (Establishment, Accountability, Governing Body, Duties and Responsibilities) of a National Research Council. The draft report also outlines the Organizational Structure (including Divisions and Units, Sector Councils, Working Groups of the Sector Councils, the duties and responsibilities of the Secretariat (including Management composition), and Strategic Directions (Goals, Prioritizing Research Themes, Programs, Projects). The document also deals with Promotion and Dissemination of Science, Technology and Innovation; Human Resource Development; Technology Transfer; University-Research Institutes-Industry-End user Linkage, Establishment of S&T Information Database; Research Funding; National Research Facilities; and Partnerships and International Relations.
The Workshop enabled the Team to gather vital reflections made on the draft Report and to garner inputs on the structure and operation of a relevant and sustainable research council in Ethiopia. The ideas and inputs are believed to contribute greatly to the enrichment of the final Report.

The final output of the Study is, therefore, a Consensus Study Report on the establishment of a National Research Council in Ethiopia. A monograph of the report has been printed and submitted to the Ministry of Science and Technology and circulated among stakeholders. The Academy is convinced that its objective of engagement in the study has been achieved as evidenced by the following facts:

1. The Consensus Study Team presented the draft Report at a one-day National Workshop that took place on 12 February 2015. Over 90 policymakers, research managers and researchers, representing major stakeholders involved in managing, supporting and performing research activities in the country, attended the Workshop.

2. The inputs from EAS Consensus Study Team, prior to conclusion of the study, have been substantially used to finalize the guidelines prepared by the Ministry of Science and Technology to establish the National Research Council.

3. The Ministry of Science and Technology has requested EAS to make the Amharic version of the final Consensus Study Report available to re-define and consolidate the activities of the National Research Council.
As mentioned above, EAS rates the Consensus Study as one of its major success stories in the reported year. Factors that contributed to the success are:

- Involving the Ministry of Science and Technology, the major stakeholder, from the very beginning of the project;
- Identification and assigning of high-level, qualified, experienced, and committed Fellows of the Academy for the task;
- Soliciting and securing grants for the Study;
- Obtaining opportunities for EAS Secretariat for benchmarking visits to Germany and South Africa; and
- Ensuring the successful completion of the project through continued support from and follow-up by EAS Executive Committee.

The Consensus Study project provided EAS with an important lesson on how to initiate and successfully carry out a consensus study on critical national issues by identifying gaps, mobilizing support from both local and foreign partners, and by effectively using expertise of its Fellows.

**2.2.3 COMPLETE THE ONGOING “ASSESSMENT FOR SCIENTIFIC AND TECHNOLOGICAL HUMAN RESOURCE IN DEMAND AND SUPPLY IN ETHIOPIA” STUDY AND SUBMIT FINAL REPORT**

Implementation of the Study has been commissioned to the Academy by the Ministry of Science and Technology (MoST). The purpose of the Study was to survey the current scientific and technological human resources demand and supply in Ethiopia in the manufacturing and service-providing sectors and project the results for the next ten years. The field of Science & Technology (S&T) covered by the study comprised technical (engineering and technical studies) and natural science (physical science, biological science, mathematics, and statistics) fields, excluding agricultural and health sciences. The Study was set in motion in 2006 (EFY) and has been successfully carried out in the reporting period.

EAS started the work by organizing a high-level Study Team, comprising experts from within and outside the Academy fellowship. The Study Team prepared an Inception Report (which was submitted to MoST) and subsequently held discussion with the Technical Team organized by the Ministry to oversee the task. The final version of the Inception Report, that addressed concerns raised by MoST and the Technical Team, was submitted in August 2014. The Team then identified priority sectors and emerging industries that are to be included in the Study and reviewed relevant policy documents, reports, and statistics (especially from the Ministry of Industry and CSA). Experiences of other countries, in assessing and forecasting the demand and supply of science and technology human power, were compiled and analyzed for benchmarking.
The Study Team held in-depth discussions on the Man Power Requirement Approach and reviewed literature to select and adopt an appropriate methodological approach. Eight different questionnaires, with guiding questions, were validated in Addis Ababa and used to collect data for both supply and demand sides of the Study, as of mid-November 2014. The Study Team employed quantitative and qualitative approaches to collect primary and secondary data on the demand and supply sides and completed data encoding and entry following data collection.

The supply side assessment focused on universities and TVET institutions while the demand side covered selected manufacturing industries identified as priority sectors by the Government; namely textile, leather, sugar, metal and engineering, pharmaceuticals, cement and construction inputs, food and beverages, chemical, wood, and furniture. Construction and ICT sectors were also included in the Study. In addition, emerging industries, MSEs and industrial services were also part of the Study.
The first stakeholder Workshop was held on January 28, 2015 with the major objective of discussing the preliminary findings of the assessment on the existing situation of the science and technology human resource employed by the industry and service sectors and the preliminary projections. Over 65 representatives, coming from various government offices, relevant regional bureaus, private sector actors, research institutes, professional associations, academia, and industry, attended the workshop.

The Study concludes that the corresponding forecasts of supply of BSc level professionals, from higher educational institutions, will be 295,924 for the 2015 - 2020 and 432,725 for the 2020 – 2025 periods. The additional supply of post-graduate level professionals will be 10,152 and 14,873, for 2015 - 2020 and 2020 - 2025 periods, respectively. Hence, in the low scenario, the forecasts suggest that there will be a surplus of supply in Science and Technology (S&T) professionals, both at the BSc (225,890 and 270,571) and post-graduate levels (6,581 and 6,286). Supply is in excess of demand for S&T professionals in the three sectors (manufacturing, construction and ICT). In the highest scenario, there will be excess supply until 2020 and deficit in 2025 at the BSc level and deficit in 2020 – 2025 at the post-graduate level.

Recommendations have also been forwarded to identify future research areas in order to bolster and enrich the national knowledge, regarding S&T human resource capacity trend in each sector/discipline and to further look into the bounding policies to accelerate national economic development.

A half-day Workshop was organized on 3 June 2015 to discuss the final findings of the Study and the Final Report has been submitted to the Ministry of Science and Technology. The Report has been published and circulated among stakeholders. Feedback from the Ministry revealed satisfaction on the work done by the Academy and is believed to pave the way for more collaborations in the future.

### 2.2.4 DEVELOP PROPOSAL ON THE PREPARATION OF AN INTEGRATED MANAGEMENT AND USE PLAN FOR THE GRAND ETHIOPIAN RENAISSANCE DAM RESERVOIR

Preparation of a project concept note and proposal on “An Integrated Management and Use Plan for the Grand Ethiopian Renaissance Dam (IMUP-GERD)” is progressing. A Consultative meeting of experts was held on 14 May 2015 to discuss the draft concept note prepared by a team of experts from EAS and AAU. A retreat meeting of experts also took place to finalize preparation of the document from 22 – 24 May 2015 in Bishoftu. The proposal is being finalized for submission to the Africa Water Facility (AWF) of the Africa Development Bank to seek funds.
In collaboration with the Ethiopian Public Health Association (EPHA), EAS organized a public lecture titled Ebola Virus Disease (EVD) Epidemic: Myth and Reality on November 19, 2014 at the Ghion Hotel. The major objective of the lecture was to raise awareness of the public on the pandemics of the EVD. The lecture provided facts and information on precautionary measures that need to be translated into action and are being implemented by the government, health institutions and professionals, communities and individuals. Four senior professionals from Addis Ababa University (2), EPHA (1) and the Ethiopian Public Health Institute (1) participated in the panels moderated by senior professionals drawn from EAS Health Working Group and EPHA.

The lecture covered clinical manifestations, public health impacts and social dimensions of Ebola outbreak and the topics covered by the senior experts include:

- EVD: Clinical features and management
- EVD: Current outbreaks, trends and public health interventions
- Socio-cultural considerations in preparing against EVD
- EVD: Status of national preparedness and expected collaborations in Ethiopia

About 750 participants, from a broad cross-section of the public, attended the lecture and actively took part in the discussions that followed the presentations. Participants were very keen to understand fully the behavior of the virus and the precautions needed to prevent its entry into the country. Preparations made and capacity-building measures taken at the National-level were explained to the participants. At the end of the event, EAS and EPHA released a joint statement on the Current Situation of Ebola Virus Disease.

The event was the first undertaking as per the Memorandum of Understanding signed between EAS and EPHA to jointly engage in issues of common interest and relevance to their organizational objectives.
PREPARATIONS FOR A SERIES OF PUBLIC LECTURES

The Secretariat and the Working Groups of the Academy have been working to produce an annual program for a series of monthly Public Lectures on various topics. The lectures will be delivered to a large spectrum of audience in Amharic. EAS will publish the presentations and discussions as a monograph at the end of the lecture series. The topics of the monthly lectures and speakers have already been identified and the program will begin early October 2015.

ORGANIZE DISCUSSION FORUMS ON TOPICAL ISSUES AND CONDUCT TRAINING PROGRAMS TO PROMOTE SCIENCE, TECHNOLOGY AND INNOVATION

WORKSHOP ON ENHANCING APPLICATIONS OF AGRICULTURAL BIOTECHNOLOGY IN ETHIOPIA

The Academy began its preparation to organize a national Workshop on Enhancing Applications of Agricultural Biotechnology in Ethiopia in 2006 (EFY) as a follow up to the recommendations of the International Conference on Biotechnology for Africa’s Development. The Workshop was organized as part of the 9th Annual Meeting of African Science Academies (AMASA-9), hosted by EAS in November 2013 in Addis Ababa. The major objectives of the Workshop were: a) to assess the status of application of biotechnology in the different fields of agriculture; b) to review the national capacity for research, education and innovation in biotechnology; c) to deliberate on the existing policy and legal frameworks for application of biotechnology in the country; and d) to identify and recommend specific measures that need to be taken by stakeholders to enhance safe and sustainable application of the technology to improve agricultural production and productivity.
The Workshop was held 17 – 18 November 2014 and over 60 participants were gathered, representing various stakeholders, including policymakers from the federal and regional agricultural organizations; research organizations engaged in investigating and promoting application of biotechnology in the various fields of agriculture; representatives from the private sector; selected universities; and EAS Fellows.

Transparent discussions took place on the pros and cons of agricultural biotechnology applications in Ethiopia and on institutional and safety capacity-building requirements for wider application of the technology. Presentations were made on the science, techniques, benefits, and safety of applications of biotechnology in agriculture and on local experiences in applying the technology. A senior expert from the USA also highlighted and shared international experiences that are relevant to national efforts.

Panel discussion and group activities were also part of the discussion to identify specific areas and mechanisms that help promote innovation in agricultural biotechnology in the country. It is believed that the Workshop brought about consensus among the stakeholders on the required capacity-building and regulatory measures that have to be put in place to enhance safe application of biotechnology in agriculture as well as on the extent of public-private partnership that needs to be strengthened in the process.
The Education Strategy Center (ESC) of the Ministry of Education, in collaboration with Addis Ababa University (AAU) and Thomson Reuters, organized two events on the theme of Mobilizing and Strengthening Higher Education in Ethiopia on the 26th and 27th of January 2015. The events were a Workshop for university leaders and a Training workshop on the use of research management tools for leaders and researchers of universities. The objective of the first Workshop, held on 26 January 2015, was to discuss and outline best practices of top-ranked universities. The Workshop brought together 43 Presidents, Vice Presidents, Directors and other management staff members of universities from different parts of the country.

Three senior professionals from Thomson Reuters made presentations and facilitated discussions at the Workshop. The issues discussed included what research leaders and researchers in universities can do to promote research in their respective institutions. The specific topics covered include: Research and Innovation Performance of Universities: Africa and the rest of the World (international Keynote Speaker); What university leaders do: Competitive intelligence for strategic research management; Encouraging collaboration, capacity-building and training; Enabling technology transfer and commercialization; Measuring and benchmarking (including ranking for modern university management); Using the right tools to measure what researchers do; and Using the right tools: branding oneself and measuring performance.

The second event was a Training Workshop. The Workshop aimed at training researchers and research leaders on how to use research management tools and at positioning oneself as a researcher. Participants of the first Workshop and other researchers, invited from universities, research institutes and organizations involved in managing, coordinating and sponsoring research activities, attended the Workshop. Two senior professionals from the Thomson Reuters gave the Training and the specific topics covered, inter alia, include: Web of Science: Discovering global research and IP; Finding possible collaborators; where to publish – and how to innovate; Introduction to research management tools; Managing your research and building your personal brand; and Evaluating and measuring research impact.

Thomson Reuters is a leading company in the development of enterprise-wide systems to disseminate research outputs and measure research impact. Headquartered in New York, it operates in over 100 countries.
EAS, in collaboration with the Academy of Science of South Africa (ASSAf), the Ghana Academy of Arts and Sciences (GAAS) and the German National Academy of Sciences (Leopoldina), organized a Symposium on Environment and Health 1–3 June 2015 in Pretoria, South Africa. The focus of the event was to scientifically analyze key environmental challenges and their implications for human health in sub-Saharan Africa and Germany.

The purpose of the Symposium was to identify future research needs and assess possible solutions to current environmental health issues and how they can be mainstreamed into science, society and policymaking. Moreover, the Symposium provided opportunities to young scientists (PhD-candidates and post-docs) from sub-Saharan Africa and Germany to enhance their understanding of environmental threats to health and create a platform for scientific collaboration and networking.

The Symposium brought together over 60 participants from different parts of Africa. It covered environmental health, as noted by the World Health Organization (WHO), to address the physical, chemical, and biological factors that influence behavior. It, therefore, focused on environmental health and the interrelations between air and water pollution, exposure to metals and solar ultraviolet radiation. Two young scientists from the recently established Ethiopian Young Academy of Sciences and EAS Program Coordinator represented Ethiopia at the Symposium.

A policy brief, summarizing future research needs for addressing scientific challenges in the field of environmental health that the Symposium identified will be prepared and distributed among policymakers, science institutions and representatives of civil society in sub-Saharan Africa and Germany. Volkswagen Foundation provided a 50,000.00 Euro grant for the joint proposal submitted by the four organizing academies. The organizing academies also covered parts of the expenses related to presenters and academy representatives from their respective countries.
EAS and the Addis Ababa University (AAU) jointly organized the Ali Mazrui In Memoriam: celebrating the Life of an African intellectual event to pay tribute to the life and legacy of Professor Ali Alamin Mazrui, who passed away in October 2014 in Binghamton, New York, USA. The Kenyan-born Ali Mazrui was a distinguished political scientist, teacher, political thinker, prolific writer, and critic. One of his greatest contributions and remaining legacy is perhaps disengaging African studies from colonial discourse. The event included remarks by:

- Professor Masresha Fetene, Executive Director, EAS
- Dr Admasu Tsegaye, President, Addis Ababa
- H.E. Catherine Mwangi, Ambassador, Republic of Kenya to Ethiopia
The speakers on the life and contributions of Professor Ali Mazrui included:

- H.E. Olusegun Obasanjo, Former Nigerian President
- Professor Mohammed Salih, International Institute of Social Studies of Erasmus University
- Ms Zenebeworke Tadesse, EAS Fellow, Sociologist and International Consultant

Prof. Bahru Zewde, Principal Vice President of EAS, moderated the discussion. Over 280 people from the AAU community and all walks of life attended the event.
EAS, in conjunction with the Ministry of Science and Technology, organized a two-day Training Workshop on Management and Promotion of Science, Technology and Innovation (STI) 17-18 April 2015 for the professional staff of the Ministry and the Academy. The Training took place based on the offer by the Academy to contribute towards building the capacity of the Ministry. The main objective of the Training was to enhance capacity of the professional staff of the Ministry and the Academy, to initiate, guide, facilitate, promote, and monitor and evaluate implementation of the National Science, Technology and Innovation Policy. The Training focused on the following main themes:

- Science, Technology, and Innovation vis-a-vis National Development;
- Knowledge Production and Application through Research and Development;
- International Experiences and National Trends in Technology Transfer; and
- Promotion of Science, Technology and Innovation and Role of Science Academies in National System of Innovation.
Fifty-six professional staff (BA/BSc and above), who held positions of Advisor, Director, Team Leader, Senior Expert at the Ministry and organizations under its auspices, and EAS professional staff, attended the Training.

Fellows of the Academy and other senior professionals of the Addis Ababa University, selected based on their professional background and relevant experience, participated as speakers and moderators at the Training Workshop. A senior expert from South Africa also shared the experience of the National Research Foundation (NRF) of his country in promoting science, technology and innovation.

A certificate of participation, co-signed by the Academy and the Ministry, was issued to all trainees who have attended at least 75% of the Training sessions.
EAS hosted a Proposal Writing Training Workshop for young scientists organized by the African Academy of Sciences under its Alliance for Accelerating Excellence in Science in Africa Program, funded by the Bill & Melinda Gates Foundation, 20-22 July 2015 in Addis Ababa. The main purpose of the Workshop was to help early and mid-career scientists improve their proposal writing skills. Over 30 researchers from across Africa took part in the Workshop. Facilitators, from organizations including the Bill & Melinda Gates Foundation, AAS, the Centre for the AIDS Research Programme in South Africa, Tanzania’s Ifakara Health Institute, and the UK’s Medical Research Council, served as resource persons.

2.4 CORE PROGRAM # 4 RECOGNIZE EXCELLENCE IN SCIENCE AND TECHNOLOGY

ASSESS THE TRAINED AND HIGH LEVEL HUMAN RESOURCE OF THE COUNTRY AND ESTABLISH A DATABASE

EAS is working towards establishing a database that provides quick access to essential information on Ethiopian professionals in the various fields of Science and Technology. The main objective of establishing the Ethiopian Professionals Database is to organize an information system that enables compilation, maintenance and service of comprehensive and up-to-date information on Ethiopian professionals working in the fields of science and technology both within and outside the country.

Core activities needed to set up the database include: designing and developing a technical database; setting relevant academic/educational qualification and work experience criteria to select entries to the database; acquiring the necessary tools to establish and sustainably run and update the database in hardware and software; gathering data via various means, (including field visits); and launching the database and making it an online facility that can easily be accessed and updated by professionals abroad and regional states.

The major expected outputs of the database are:

- An established database system of comprehensive information, which is readily accessible and regularly updated on professionals of Ethiopia, residing in the country and abroad;

- A more coordinated and centralized source of information on professionals who can be mobilized for a range of tasks where the government, private sector, and non-governmental institutions can turn to for studies, research or other purposes;
Following its establishment by Proclamation No. 783/2013, EAS terminated its Registration at the Charities and Societies Agency (ChSA) and returned license. The Agency misinterpreted the termination as the dissolution of the Academy, blocked its account, and started the procedure of disposing of its assets. The Academy passed through a very challenging process, which in fact, entailed involvement of EAS Board and higher government officials. It took almost two months to end blockage of the Academy’s accounts by the Agency. Although the reasons for this were not clear, it can be surmised that it was mainly due to the Agency’s failure to understand the transformation of EAS to an independent organization.

Increased visibility and public recognition of the Academy as a credible source of information; and

A readily accessible information system on potential candidates through which Fellows and Associate Fellows, and members of the Ethiopian Young Academy of Sciences will be nominated and elected.

A total grant of USD 23,700 has been secured in 2014 from the Royal Society - Pfizer African Academies Program and efforts are being made to acquire information on high-level professionals through professional societies/associations such as the Ethiopian Public Health Association, Ethiopian Medical Association and Ethiopian Civil Engineers Association. A senior IT expert has been commissioned to design and develop an appropriate database system. A high-capacity multipurpose server has been procured to host the database. Uploading of the data has also begun using available information on EAS Fellows. Development of the database was expected to be completed at the end of the reporting year but it has been delayed mainly due to difficulty accessing and acquiring the required information from the sources.

2.5

CORE PROGRAM # 5 BUILD INSTITUTIONAL CAPACITY OF EAS AND ENSURE SUSTAINABILITY

2.5.1 TERMINATE REGISTRATION OF EAS AND REVOKE LICENSE FROM THE CHARITIES AND SOCIETIES AGENCY

Following its establishment by Proclamation No. 783/2013, EAS terminated its Registration at the Charities and Societies Agency (ChSA) and returned license. The Agency misinterpreted the termination as the dissolution of the Academy, blocked its account, and started the procedure of disposing of its assets. The Academy passed through a very challenging process, which in fact, entailed involvement of EAS Board and higher government officials. It took almost two months to end blockage of the Academy’s accounts by the Agency. Although the reasons for this were not clear, it can be surmised that it was mainly due to the Agency’s failure to understand the transformation of EAS to an independent organization.
2.5.2 STUDY AND IMPLEMENT PERMANENT ORGANIZATIONAL STRUCTURE, JOB CLASSIFICATIONS AND SALARY SCALES OF THE SECRETARIAT

EAS Secretariat has been functioning with a provisional organizational structure and job descriptions since its establishment in 2010. Hence, the Executive Committee of the Academy resolved to develop and adopt a new organizational structure, job descriptions and salary scales of the Secretariat. EAS set up a high-level Committee of three fellows with relevant experience in organizational and career structure development and institutional leadership to guide and follow up with the task. The Committee members were Dr Solomon Bekure, Professor Belay Kassa and Dr Berga Lamaga.

The Committee, together with the Secretariat, developed the ToR for the Study and awarded the assignment to Wisdom Consult Plc who scored highest both in technical and financial evaluations. From among firms invited the academe’s limited tendering procedures Wisdom Consult carried out the Study and submitted its report as per the ToR.

The Board discussed the report at its eighth regular meeting and approved the proposed organizational structure with pertinent amendments. Though the Board found the salary scales and benefits package of other organizations informative. It emphasized the need for adopting attractive salary scales and benefits package (presented by the consultants) based on a thorough assessment of EAS’ financial sustainability. It recommended the Secretariat to compile supporting evidences to assist it adopt appropriate salary scales and benefits package.

2.5.3 COMPLETE RENOVATION OF THE MAIN BUILDING AND COMPOUND OF THE EAS HEADQUARTERS

EAS started renovation of the main building at its Headquarters in 2006 (EFY). However, the work lagged behind its proposed completion time for various reasons such as frequent electric power failure and design change of some of the structures by the Consultant. Hence, the Contractor, under a regular supervision of Fasil Consult and Professor Abebe Dinku (on EAS side) did a substantial part of the renovation work in the reporting period. Renovation of the main building and construction of a new block of restrooms was completed as per the approved design. Constructions of a parking lot and a cafeteria (annexed to the basement
of the main building), maintenance of the main entrance road and the parking space in front of the building are to be undertaken within the coming few months.

The Addis Ababa City Administration Roads Authority will assume maintenance of the asphalt road and parking lot with minimal payment from the Academy.
2.5.4 CARRY OUT ACTIVITIES TO MAINTAIN THE GARDEN AND BEAUTY OF THE COMPOUND

The gardening and landscaping of the Headquarters compound is nearing completion after lingering for some time. The reasons for the delay were related to the contracting company such as:

- Lack of uniformity in the newly planted grass species;
- Uneven leveling of the plots with the potential water logging, especially during the rainy season;
- Massive weed problem in all the plots covered by new grass seedlings; and
- Inadequate application of manure in some plots before planting grass.

The contracting firm, the supervising team and EAS Secretariat reached a consensus to terminate the contract because of the unsatisfactory performance. Better progress has been made by the alternative approach adopted by the Secretariat to employ a professional Gardner on a contract basis to guide the work and to use daily laborers. Corrective measures have been taken on the fields covered by grass. Decorative flowers and indigenous trees were planted in the open space reserved for the purpose. The Secretariat is planning to complete all the remaining renovation activities within the coming month and to inaugurate the renovation work in October 2015, in conjunction with the fourth Annual Regular Meeting of the General Assembly.

2.5.5 ESTABLISH EAS SCIENCE CENTRE AT THE HEADQUARTERS OF EAS WHERE A PERMANENT SCIENCE EXHIBITION WILL BE HELD

Efforts are underway to establish an EAS Science Centre using available rooms. There was a plan to build a professional reception room connected to the existing rooms of the old houses with an attractive facade. All the old rooms, including the four used as office space, will be part of the Centre. Architect Ato Fasil Giorggis prepares the design for the structure.

Preparation is in progress for compiling the content of the different components of the Science Center from the different Working Groups through a guideline prepared by the Secretariat. So far, Natural Science and Health Working Groups have submitted their responses to the Secretariat.
2.5.6 UNDERTAKE A STUDY TO ESTABLISH AN EAS ENDOWMENT FUND

The Board deliberated at its various meetings on the need for establishing an income-generating Foundation to ensure financial sustainability of the Academy and to engage in strengthened resource mobilization activities. It finally issued a direction to focus on investigating the possibility of establishing a firm that is engaged in application of tissue culture technology for plant seedlings propagation and/or production of science teaching kits.

However, discussion at the Workshop, organized by the Academy on Agricultural Biotechnology, revealed that there is adequate capacity in the private sector that can provide tissue culture-based services. Therefore, the Secretariat focused on developing a concept note for the establishment of a Science Teaching Aid Production and Service Foundation, as later suggested by the Board. The Foundation is believed to generate income for the Academy and enable it to continue nurturing scientific culture and innovation in the country. The Foundation will carry out the following main activities:

- Reproduce teaching aids used world-wide through license agreements and through obtaining permission for reproduction of donation items;
- Produce/reproduce science kits (such as biology with human, animal and plant anatomy, chemistry, physics, earth and space science) that are relevant, appropriate to school science curriculum, and make them available at affordable prices. This can be a pilot project the success of which would attract government clientele such as the Ministry of Education which may be encouraged to supply schools with laboratory teaching/learning aids and become a major client;
- Customize virtual laboratory programs, designed for different levels and used in schools around the world and run them through local languages. These virtual labs can make use of the already widely used plasma screens and other multimedia tools, thus bringing income to the Foundation; and
- Provide laboratory demonstration and school laboratory procedure training on a fee-for-service basis, generating additional income for the Foundation.
ACTIVITY AND BUDGET PLAN FOR THE 2008 (EFY)

The Annual Plan and budget proposal of EAS for the 2008 (EFY) was prepared and submitted to the Ministry of Finance and Economic Development through the Ministry of Science and Technology in mid-March 2015. The Academy secured Birr 10,000,000 from the Government Treasury as annual budgetary subvention for the 2006 - 2007 Ethiopian fiscal year.

EVALUATION OF IMPLEMENTATION OF EAS STRATEGIC PLAN 2011 -2015

EAS adopted a five-year Strategic Plan immediately after its official launching in April 2010. The Plan comprised the five core programs identified for implementation in 2011-2015 to achieve the major objectives of the Academy. EAS implemented the Strategic Plan through annual activity plans that included specific activities and resources required for implementation.

Principally, the Working Groups and the Secretariat implemented the core plans under the leadership of the Board and close monitoring and support from the Executive Committee. Implementation of the Strategic Plan is now in its fifth year and the Board decided to undertake self-evaluation on the implementation of the Strategic Plan by the main actors: the Secretariat and the Working Groups. Self-evaluation will provide inputs to the evaluation report that the Secretariat will produce on the implementation of the Strategic Plan in the past four and half years. The Executive Committee and the Board will review the draft report before it is presented to the Annual Meeting of the General Assembly of the Academy.

The major purpose of the evaluation is to appraise the performance of the Academy towards achieving its set objectives and to identify useful lessons to be taken into consideration in preparing the Second five-year (2016 -2020) Strategic Plan of the Academy.

The Secretariat completed a preliminary self-evaluation and prepared a brief guideline that may be used by the Working Groups. Self-evaluation reports and inputs to the 2016-2020 Strategic Plan from the Working Groups are expected to be finalized in mid-August 2015. The Board and leaders of the Working Groups will meet to finalize the self-evaluation in early October 2015.
MAJOR ACTIVITIES OF WORKING GROUPS

The following are the major activities carried out by EAS Working Groups:

1. Natural Science, Health and Agriculture Working Groups held meetings to appraise their performance and finalize their plans with the required financial and technical support from the Secretariat.

2. Natural Science Working Group (NSWG) held a retreat on 9 May 2015 in Bishoftu to evaluate its performance and develop a plan of action for 2015/2016 in light of the goals and objectives of EAS. The meeting stressed the importance of developing a workable statute, which could later be adapted to the specific goals and objectives of the rest of the Working Groups. A Committee has also been established to draft bylaws that all Working Groups could use. Finally, the Group enumerated the activities and various committees were set up to discharge specific responsibilities and address gaps.

3. Health Working Group (HWG) held a retreat on 29 May 2015 in Bishoftu. The objectives of the meeting were to assess the performance status of the Group and identify future areas of engagement. The Meeting weighed HWG activities in line with EAS’ Annual Work Plan of 2007 (E.C fiscal year) and underscored the need for creating bylaws that clearly stipulated the duties and responsibilities of the Working Group. The Working Group recognized the importance of establishing a Foundation in promoting the objectives of the Academy while generating income. The Group made recommendations to conduct a feasibility study prior to establishment of the Foundation. It also agreed to identify issues in the nation’s health sector and carry out a Consensus Study. The Executive Committee of the Working Group took the assignment of developing a timetable for the activities to be carried out.

4. Agriculture Working Group held a General Meeting on 4 June 2015 at the EAS Headquarters. The main purpose of the Meeting was to create the necessary platform for working together as active members of the Group and to share experiences, which could be used as a major tool for effective contribution to the development and transformation of Ethiopian agriculture. The Meeting evaluated the activities of the Working Group carried out thus far and reached a consensus to strengthen membership of the Group. The Group also decided to conduct a Consensus Study, organize public lectures and contribute articles to EAS newsletter.
# BALANCE SHEET

AS AT 7 JULY 2015

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# STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 7 JULY 2015

Currency: Ethiopian Birr

## RECEIPT

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## EXPENDITURES

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<tr>
<td>Prior year adjustment</td>
<td>(2,114.52)</td>
<td>-</td>
</tr>
<tr>
<td><strong>FUND BALANCE AT END OF YEAR</strong></td>
<td><strong>19,591,806.93</strong></td>
<td><strong>13,454,114.26</strong></td>
</tr>
</tbody>
</table>
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