SOMALI REGIONAL STATE

SOMALI REGION PASTORAL AND AGRO-PASTORAL RESEARCH INSTITUTE (SoRPARI)

ORGANIZATION PROFILE






October, 2022

Jigjiga- Ethiopia

SOMALI REGIONAL STATE

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Establishment

The Somali Region Pastoral and Agropastoral Research Institute (SoRPARI) was established in 2002 by Proclamation No. 31/2002, as the first regionally coordinated agricultural research system in the region. SoRPARI was established with a mission to deliver and popularize agricultural technologies, knowledge and information in a participatory and integrated way for all the pastoral and agro-pastoral communities in the SRS, in particular, and similar communities in other regions of Ethiopia in general.

Vision

To become center of excellence in pastoral and research agro-pastoral in Eastern Africa with respect to the generation of pastoral and agro-pastoral technologies, knowledge and information usable to ensure food self-sufficiency; food-security; and economic development in the SRS, in particular, and pastoral and agro-pastoral communities elsewhere in Africa.

Mission

Deliver and popularize agricultural technologies, knowledge and information in a participatory and integrated way for all the pastoral and agro-pastoral communities in the SRS, in particular, and similar communities in other regions of Ethiopia in general.

Values

The operational philosophy; values; ethics; mottos; and principles are:

- Working towards satisfying customers' needs;
- Creativeness and new way of doing thing;
- Change becomes our culture;
- Building accountability and transparency;
- Respect scientific research principles;
- Respect diversity of ideas
- Building works ethics;

- Gender sensitivity.

Strategic Objectives

The institute shall have the following objectives.

1. Generate, develop and adapt agricultural technologies that are in accordance with the regional agricultural and development policy and strategy and improve the living standard of the population and region.
2. Coordinate research activities of agro-pastoral and pastoral research centers, higher learning institutes and other related establishment, which undertake agro-pastoral and pastoral researches.
3. Build up a research capacity and establish a system that will make agro-pastoral and pastoral research as efficient, effective ad concurrent with the development needs of the region.
4. Popularize agro-pastoral and pastoral research results.

SoRPARI in Brief

Director General (DG) Executive Function

The Director General (DG) is the chief executive officer exercising all the powers granted on him by the establishment proclamation of the institute. The DG provides management leadership to technical directors at the HQ and the center directors of the respective agricultural research centers located at different agro-ecologies of the region.

The DG is responsible for the management of support services related to personnel, finance, procurement and property management, internal audit, engineering, legal affairs planning, monitoring and evaluation. He promotes science and development oriented information communications, and forges external collaborations/partnerships with relevant partners, such as, international research organizations, non-governmental organizations, universities and private sector entities, etc. the DG also reports achievements to the regional government, line bureaus and relevant standing committees of the regional parliament. The director general seeks the collective advice of the core and support processes and also research center directors and matters

related with research and support, and issues of strategic nature. The director general shall undertake the following in addition to the power and duties given to the institute under article 9 of this proclamation.

- Guide and supervises the institutes over all activities.
- Prepare work program and budget of the institute and submit to the board for approval by the government and follow up the implementation there of.
- Employ, administer and fire employees in accordance with the approved directives
- Represent the institute in dealing with third parties.
- Implement the decisions of the board
- Open and operates the institution's bank accounts.
- For the efficient performance of the institutions work, the director general may delegate part of his powers and duties to the other officials and employees of the institute.
- Perform other duties given by the board.

Deputy Director General (DDG) Executive Function

The Deputy Director General (DDG) is appointed to assist the DG and take care of various aspects of technology generation, multiplication and dissemination. The DDG advises the matters and other institutional issues for the successful achievement of the overall mission. On top of this the DDG is responsible the leadership of day to day routine activities performed by the technical, supportive and center directors.

The DDG assists the DG in monitoring the timely delivery of research outputs against the plan and longer-term strategy. In line with this. DDG ensures the reporting system of resesrch components is consistently maintained.

In consultation with the DG, the DDG oversees and approves budget expenditure based on the stated plan, makes close follow up on the budget expenditure and ensures the operation is incompliance with the financial rules and regulations.

CORE FUNCTIONS

- Adaptation and generation of improved agricultural technologies and information,
- Multiplication and provision of source technologies,

- Demonstration and popularizing of improved technologies,
- Capacity building of research staff, and
- Networking and partnership.

Core Research Disciplines

- Crops
- Livestock
- Natural Resources
- Agricultural Mechanization
- Socio-economics, Gender and Agricultural Extension
- Food Sciences and Nutrition

ORGANIZATIONAL SETUP

As part of the reform, the research and support setup of SoRPARI has been restructured. The governing body of the institute included the director general; core processes, technical supportive directorates and support processes are stated below.

Core Research and Technical Directorates

Research directorates are answerable to the DG and DDG, and carry out responsibilities assigned to them. Core research and technical directors guide, coordinate and oversee research in their respective disciplines. The followings are core research and technical directorates:

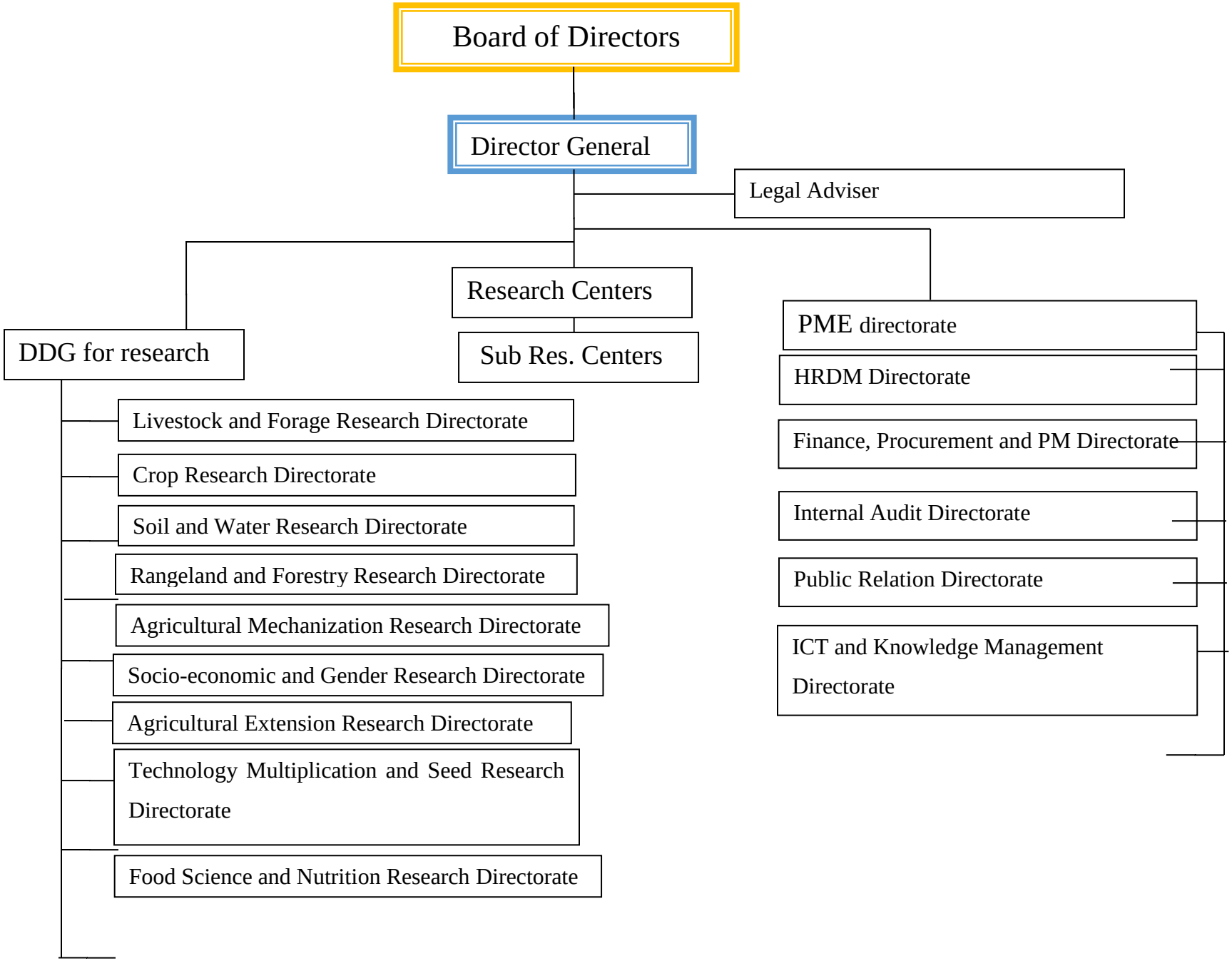
- Livestock and Forage Research Directorate
- Crop Research Directorate
- Soil and Water Research Directorate
- Rangeland and Forestry Research Directorate
- Agricultural Mechanization Research Directorate
- Socio-economic and Gender Research Directorate
- Agricultural Extension and Communication Research Directorate
- Technology Multiplication and Seed Research Directorate
- Food Science and Nutrition Research Directorate

Support Directorates and Services

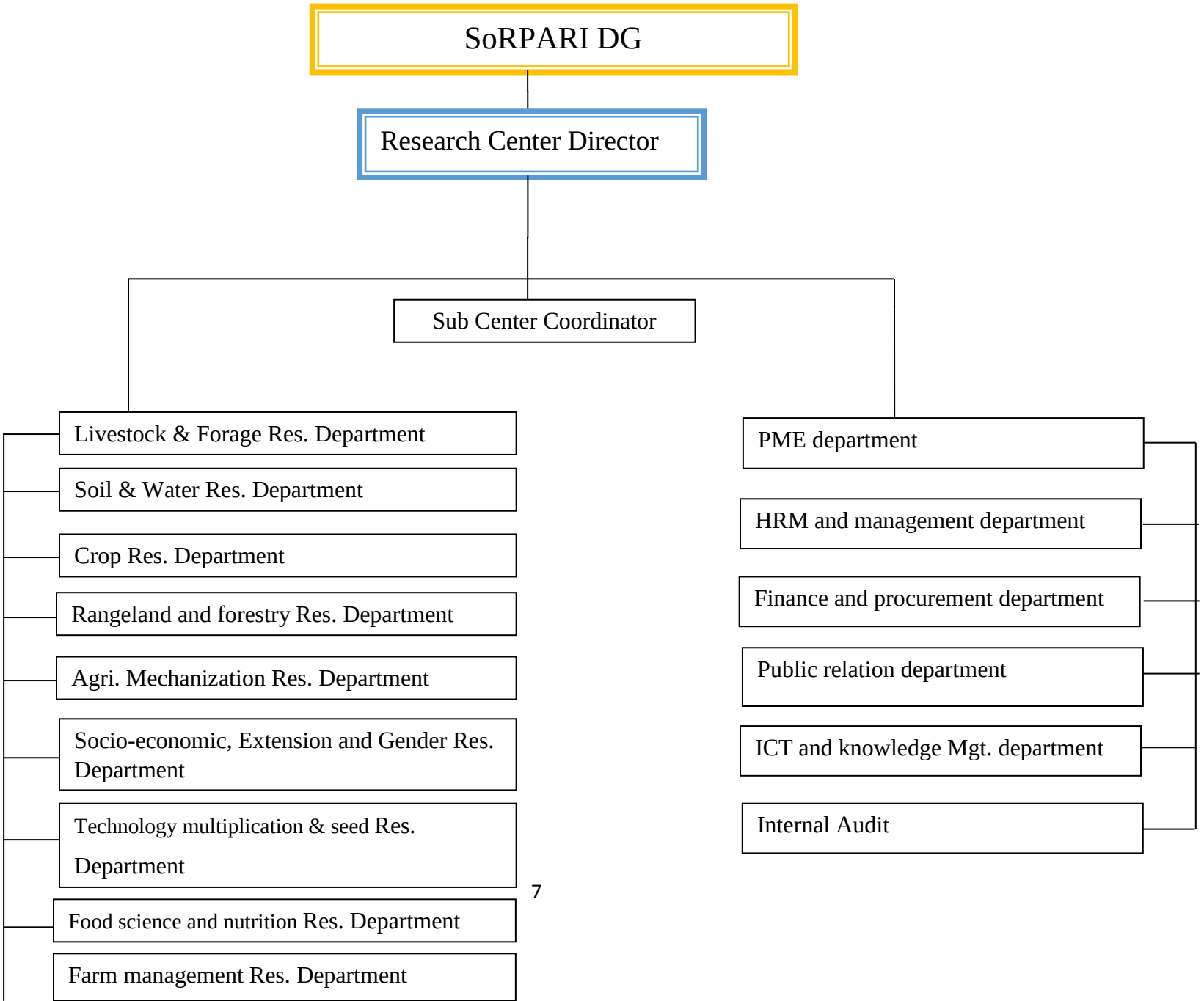
Support Directorates are answerable to Director General and Deputy Director General and carry out responsibilities assigned to them. Their major duties are related with administrative support for discharging effectively the duties and responsibilities of the institute. The following offices represent support directorates and services:

- Legal Affairs Service
- Internal Audit Service
- Engineering and Maintenance Service
- Planning Monitoring and Evaluation Directorate
- Human Resources Development and Management Directorate
- Finance, Procurement and Property Management Directorate
- Public Relation Directorate
- Information and Communication Technology and Knowledge Management Directorate

Organogram of Somali Region Pastoral and Agro pastoral Research Institute



The Organogram of SoRPARI Research Centers



Powers and Responsibilities of the Institute

The institute shall have the following powers and duties to:-

1. Formulate pastoral and pastoral - agro research strategy and policy and determine on research priorities; develop work plans and programme and implement when approved by the government and follow up the implementation there of.
2. Issue guidelines for the proper formulation and preparation of pastoral and pastoral - agro research programs and projects in line with the regional development requirements.
3. Undertake or cause the undertaking of the pastoral and pastoral - agro research policy and strategies.
4. Advertise pastoral and pastoral - agro research results and issue guidelines for their implementation by the users in collaboration with the relevant organs.
5. Based on the region pastoral and pastoral - agro research policy and strategies submit studies to the board for decision to recognize or dissolve existing research centers and establish new ones as deemed necessary implement the decision there of.
6. In collaboration with different organs. Expend agricultural knowledge of the society, popularize research results.
7. Collect and organize documents and disseminate information on agro-pastoral and pastoral research that are available in the country and elsewhere in the world developed and guide information exchange system.
8. Facilitate conditions for mutual support between agricultural education research extension and production cooperation with the relevant organs.
9. Develop human resources in quality and quantity that will take part in the regional pastoral and agro-pastoral research system.
10. Establish system of awarding incentives to individuals and institutions for meritorious achievements in regional pastoral and agro pastoral research.
11. Create suitable working conditions for the workers developed and improve a professional career structure for researches and implement when approved thereof.
12. Encourage professional associations in the field of pastoral and agro-pastoral and create enabling condition to facilitate their contribution to the agro-pastoral and pastoral research and international exchange.

13. Establish relationship cooperate and conclude agreements with federal regional and other related organizations having similar objectives and follow up the implementation tyhere of
14. Establish a system for research project review and information exchange to avoid unnecessary duplication of effort on research projects being conducted at the regional and federal research centers.
15. Give work permit register and maintain the list of any person and organization involved or will involve in agro-pastoral and pastoral research.
16. Own property enter into contracts; sue and be sued.
17. Submit report on works accomplished to the concerned body.
18. Perform other related duties in order to fulfill its objectives.

Duties and Responsibilities of the Regional Pastoral and Agro-pastoral Research Centers

The agro-pastoral and pastoral research centers shall be accountable to the institute and shall have the following power and duties;

1. Undertake agricultural research activities and programs designed to be executed by the center in accordance with the agro-pastoral and pastoral research policies and strategies accomplish administrative and technical services.
2. Prepare detailed research projects and budgets based on the programs approved to be executed by the center and implement upon approval.
3. Based on the region's pastoral and agro-pastoral research policies and strategy, prepare the centers future direction and development plan; prepare and submit the material and manpower requirements for the center to the institute for approval and follow up the implementation.
4. Submit reports on accomplished duties.
5. Perform other duties based on the directives given by the institute.

Somali Region Pastoral and Agro-pastoral Research Institute (SoRPARI)

Overview of Different Research Directorate

1. Livestock and Forage Research Directorate

- The Somali Region Pastoral and Agro-pastoral Research Institute (SoRPARI) has been established in a regional proclamation 31/2002 in order to deliver (through developing/adapting) agricultural technologies and coordinate/support regional research networks so that it can contribute significantly towards ensuring the growth and improvement of the agricultural sector, which is a pillar to regional economic development and livelihood improvement. SoRPARI is administered under the regional board

- The Institute has nine technical directorates and five research support directorates. The livestock and forage research directorate is one of the technical directorates of SoRPARI.

Mission

- To generate livestock and forage technologies, knowledge, and information that is suitable in pastoral and agro-pastoral communities to ensure food self-sufficiency, food security, and economic development in Somali region

Goals

- The overall aim of livestock and forage research is to facilitate generation and uptake of demand driven livestock, feeds and nutrition innovations which contribute for increased productivity, product quality, sustainability and competitiveness of the livestock sector in the region.
- To coordinate livestock, feeds and nutrition research across the region and play key role in creating innovation platforms for research priority setting, effective technology generation and uptake towards growth and transformation of livestock sector.

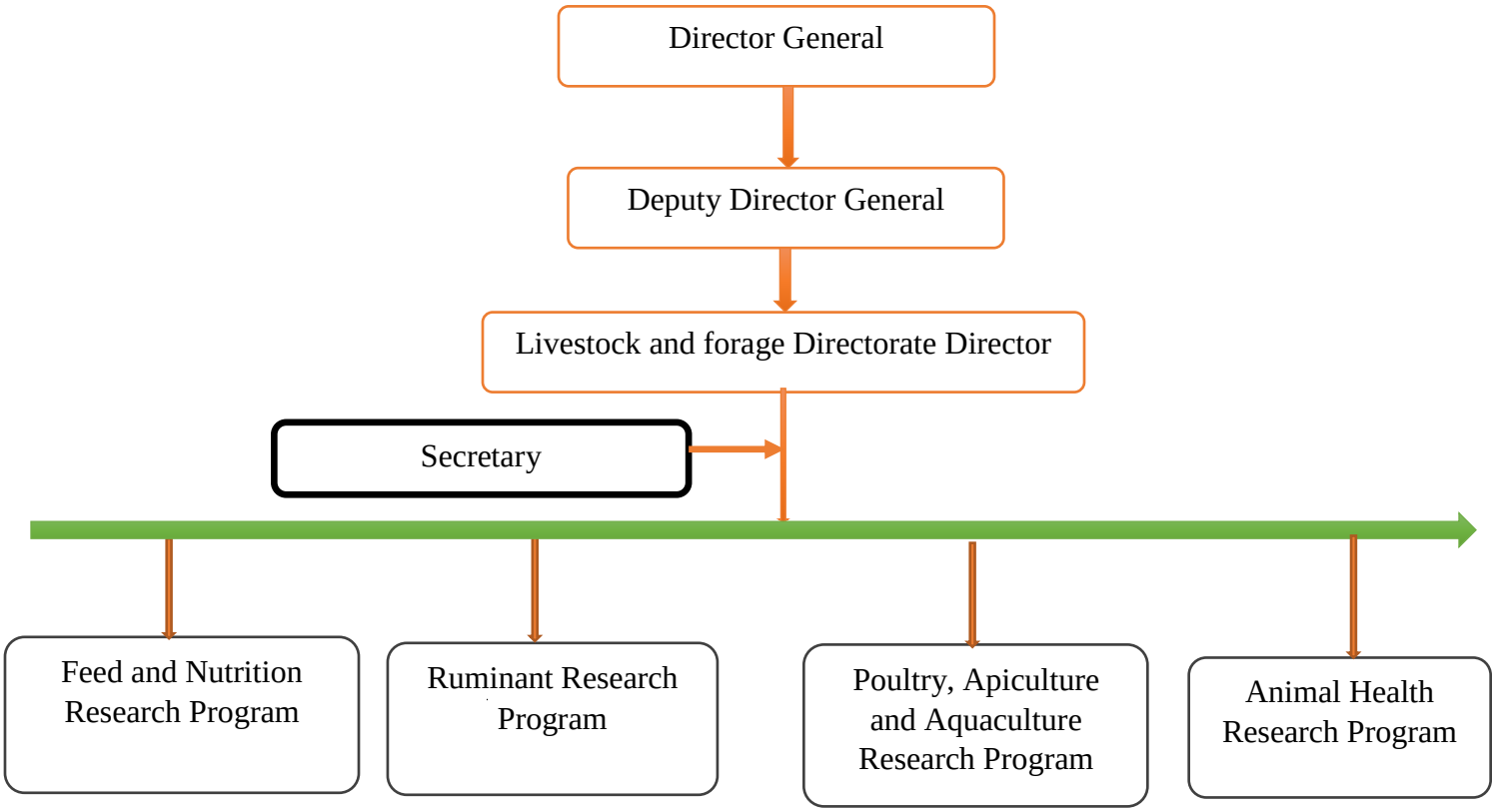
Objectives

- To generate, develop, adapt, and promote improved livestock technologies, knowledge and information for increasing livestock productivity, improving nutritional quality and sustainable development while conserving the livestock genetic resources

- To generate, develop and adapt animal health technologies, knowledge and policy for improving livestock production efficiency, animal welfare, product quality and public health safety

- To avail technological and institutional innovations in animal feeds and nutrition that can improve productivity of animals and thereby contribute to poverty reduction, nutritional security, economic growth/social transformation and environmental sustainability
- To generate, develop, adapt and promote improved poultry, apiculture and aquaculture technologies for increasing poultry, apiculture and aquaculture production and productivity, improving nutritional quality, import substitution and broadening the opportunity to exploit the potential export markets

ORGANOGRAM OF THE DIRECTORATE



2. Crop Research Directorate

Mission

- Introducing, generating, adopting and promoting demand driven, climate resilient and resource efficient appropriate crop technologies and information, to enhance the region production and productivity, that is usable in the region to ensure food self-sufficieny, food security and income development in SRS and enhance foreign currency earnings in suitable manner

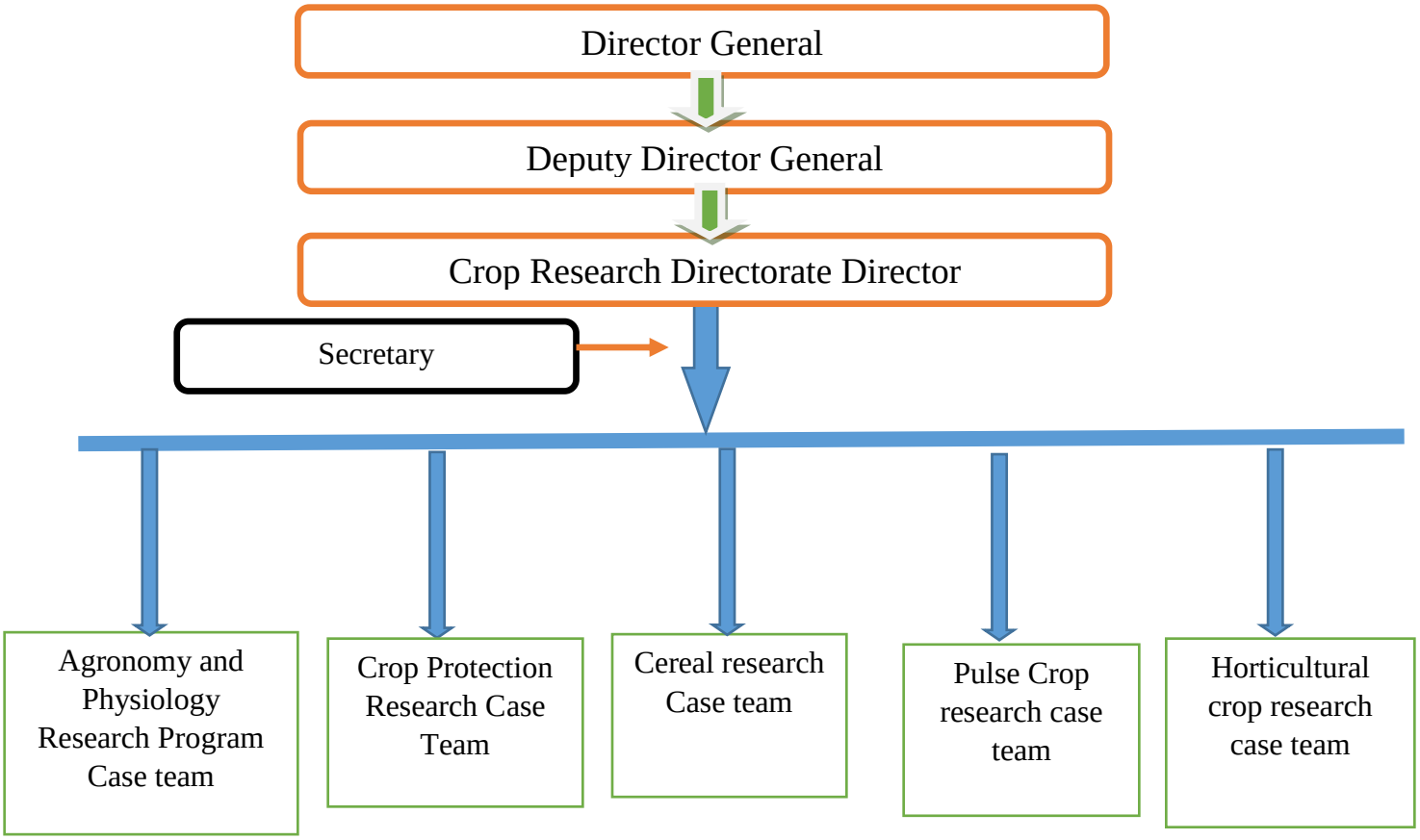
Objectives

- To develop crop varieties with acceptable yield level and resistant to both biotic and a biotic stress
- To study the farming systems identify and prioritize major production constraints and associated farmers problems
- To develop appropriate agronomic (land, soil, water and management) practices for major crops and different cropping systems
- To develop effective propagation methods for fruits and seed production techniques for other crop grown in the region
- To develop integrated weed, disease and pest management techniques

Mandate

- Promote production and productivity of crops grown in the region
- Generate production technologies which help to increase output towards the attainment of food self sufficiency
- Develop specific crop technologies for different areas in the region
- Provide crop technology information as a decision support system for the different agro-ecological zones
- Improve cereal, pulses based diet, oil, fiber, fruits and vegetable crops of the community through crop diversification

ORGANOGRAM OF THE DIRECTORATE



3. Soil and Water Research Directorate

Mission

- To Generate, develop, adapt, promote and popularize competitive Soil and Water Research technologies, innovations, knowledge and policy for improving productivity, nutritional quality, sustainable development of agriculture, agro-business and agro-industry and sustainable natural resource conservation.

Goals

The goal of Soil and Water Research is to enhance food security, import substitution, raw materials for industry and agro-industry, foreign currency earnings and income of all actors of the value chain in Somali region by increasing the production and productivity of high value (HVC) and high production crops (HPC) along with improved and sustainable use of the natural resource (soil and water) through efficient development of improved and sustainable research technologies.

Objectives

Enhancing the productivity of the lowland irrigated agriculture through improved and climate resilient, agricultural water management, saline and acidic soil management targeted at increasing water productivity, promoting sustainable water resources management, reducing the risks of traditional irrigation practices on the environment and improving of soil nutrients thereby ultimately improves the food security and livelihood of the farmer. Hence, to attain the SRS goal and meet the strategic objectives, the following specific objectives are given.

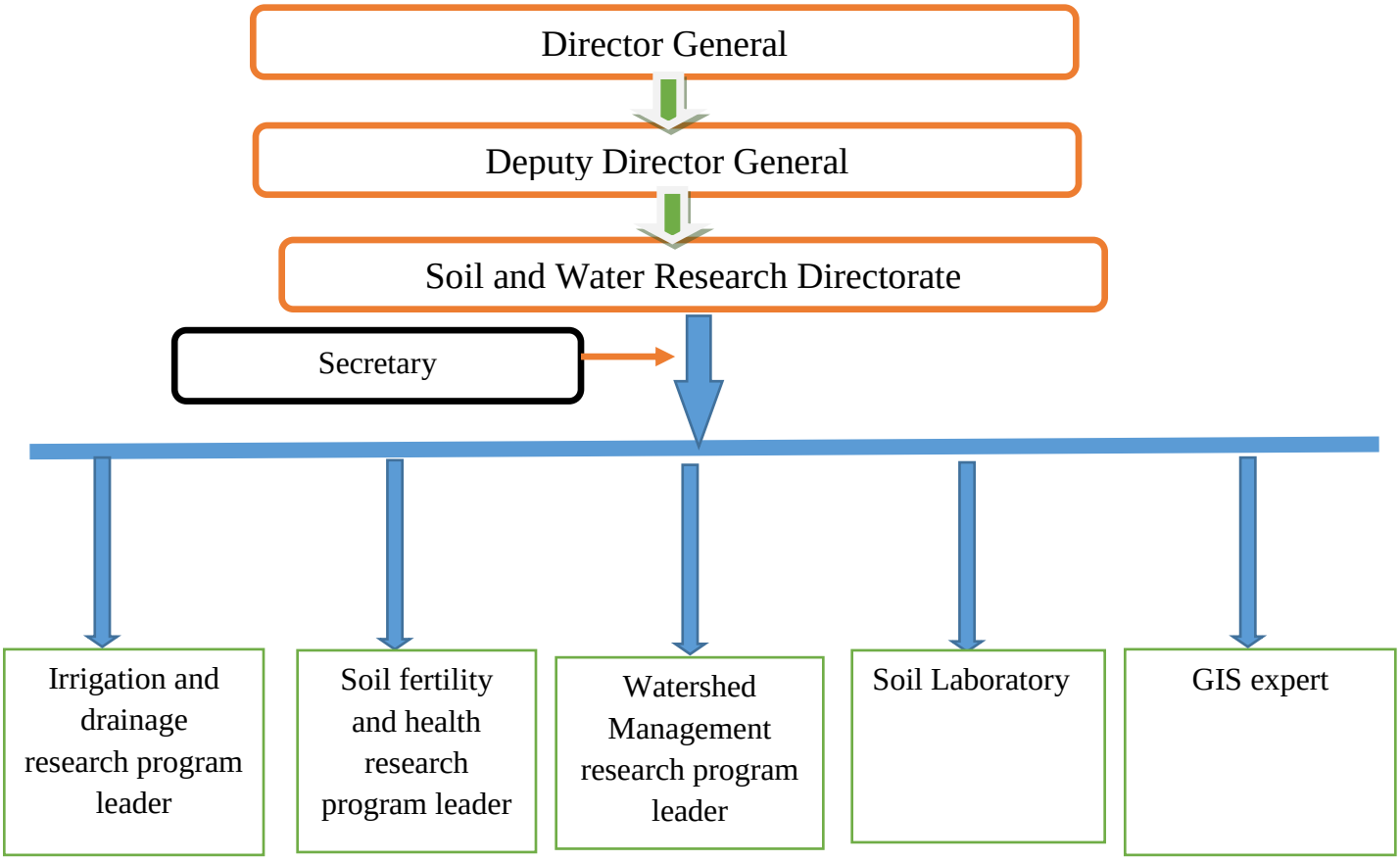
- To develop, test, adapt, appraise, and evaluate effective and efficient irrigation water management, water harvesting and utilization, drainage and salt affected soils management technologies for improved, sustainable and climate resilient high value crops (HVC) and high production crops (HPC)
- To generate, develop and appraise high water saving technologies and water lifting devices (Drip and micro sprinkler irrigation methods)
- To develop water lodging and salt affected land reclamation technologies so as abandoned land will be in production for irrigated agriculture

- To promote and disseminate research technologies and knowledge in collaboration with research extension team
- To provide Policy briefs. In collaboration with agricultural Economics team.
- To generate, develop and adapt Soil Fertility Health Management (SFHM) technologies that focus on the needs of the overall agricultural development and its beneficiaries
- To generate, develop and adapt Soil Fertility Health Management (SFHM) technologies that focus on the needs of the overall agricultural development and its beneficiaries
- To ensure natural resource management technologies and information suitable for diverse agro-ecologies
- To ensure effective information sharing and communication mechanism to reach more areas and farming communities
- To coordinate activities related to soil and water of the agricultural research centers or higher learning institutes and other related establishments which undertake agricultural research on contractual basis
- Build-up research capacity and capability and establish a system that will make soil and water researches efficient, effective and relevant through Knowledge management

Mandate of Directorate

- Soil and Water Research Directorate would take the prime responsibility of implementing the strategy of Soil and Water Research Directorate for Somali Region Pastoral and Agro-Pastoral Research Institute (SoRPARI) which will provide guidance and make available the required resources.
- The Directorate will lead and coordinate all research programs and projects undertaking Research centers

ORGANOGRAM OF THE DIRECTORATE



4. RANGELAND-FORESTRY RESEARCH DIRECTORATE

Mission

- To deliver reliable information, knowledge and technologies of range and forest development, conservation, utilization and rehabilitation of the rangeland to ensure better livelihood.
- To adapt, generate and transfer integrated natural resource technologies and management practices
- To provide trainings on rangeland and forestry technologies and management practices on time

Goals

Enhance rangeland biodiversity conservation, increasing productivity of Non-timber forest product and establishing data base on Rangeland biophysical and productivity

Objectives

The general objective is to improve and sustain the rangeland and forestry resources and ultimately create resilience ecosystem for optimizing the benefits of range and forestry products to the community and develop regional economy.

The specific objectives

- Generate technologies that enhance rangeland productivity and sustainability thereby improve pastoral and agro-pastoral livelihood.
- Foster resilient, adaptive ecosystems to mitigate climate change
- Ensure healthy functionality of rangeland resources through creating resilience ecosystem.
- Generate mitigation and adaptation options to combat negative effect of climate change on rangeland resources.
- Demonstrate and document proven technologies and indigenous knowledge to improve rangeland resources, livestock productivity and pastoral wellbeing.
- Develop socio-economic and institutional policy options to be taken by decision makers on intervening in rangeland development.

- Develop a data base on information regarding to rangeland biophysical resources and indigenous knowledge
- Enhance rangeland research capacity and infrastructure in pastoral and agro-pastoral areas.

Mandate of the Directorate

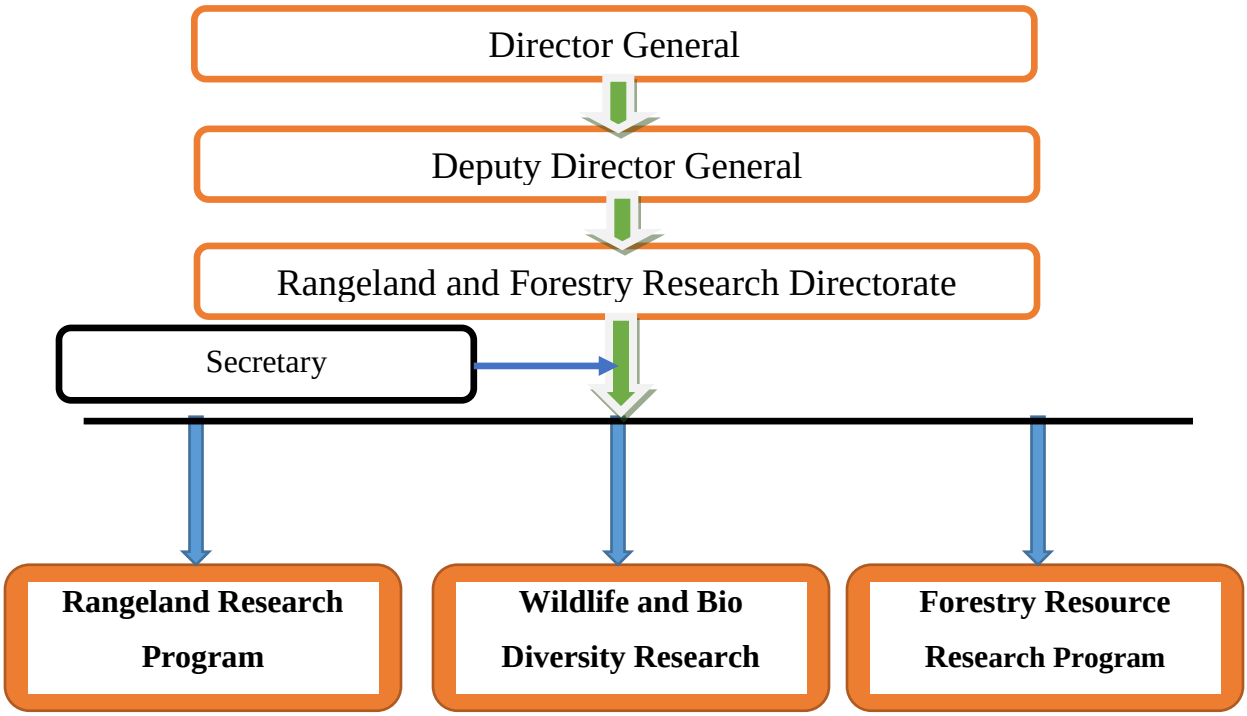
- General capacity to strengthen the facilities and human resource of range land and forestry research
- Assess and document regional data base on rangeland resources
- Rangeland biophysical resource conditions
- Rangeland and forestry ecological rehabilitation, improvement, management and utilization of degraded rangeland
- Integrated Agro-forestry practices to enhance farm productivity
- Forestry system management, utilization and product enhancement
- Demonstration and popularization rangeland management technologies
- Rangeland grazing-management, range and integration of productive animals.
- Sustain regions Forests and Grasslands for pastoral development
- Climate, livestock, forestry and rangeland interaction

Responsibility of the Directorate

- Based on need assessment on the Rangeland and forestry Develop Proposals that can answer the actual need of the Pastoral and Agro pastoral community of the Region in the short and long run.
- Generate informations and Technologies that can guide developmental institutions interventions
- Ensure researches carried out on the rangeland and Forestry is a Demand Driven and within the loop of and/or in line with the sector strategy
- Ensure all the planned activities are in one way or the other in line with the ten-year strategy of the Directorate and the institute in general
- Organize internal proposal and report reviews at directorate level ahead of the institute level regular review events

- Make sure Implementations are guided by the research calendar
- Coordination and supervision on activities going on at center level and give required technical back stops to rangeland and forestry line departments
- Finally ensure strategic sector goal and objectives of the Directorate are interpreted in to action and mandates are put in to practices in a way that can meet the Directorate objectives there by contribute the ultimate goal of the institute

Organogram of the Directorate (ORG CHART)



5. Agricultural Mechanization Directorate

Mission

The mission of agricultural mechanization is to enhance and sustain food security and improve the welfare of the pastoral and agro-pastoral community through generating, improving and adopting improved agricultural mechanization technology that could lead to sustainable increase in productivity of crop and animal farming system

Goal

To generate, improve and adopt problem solving, efficient, time saving, less cost agricultural mechanization technologies

Objectives

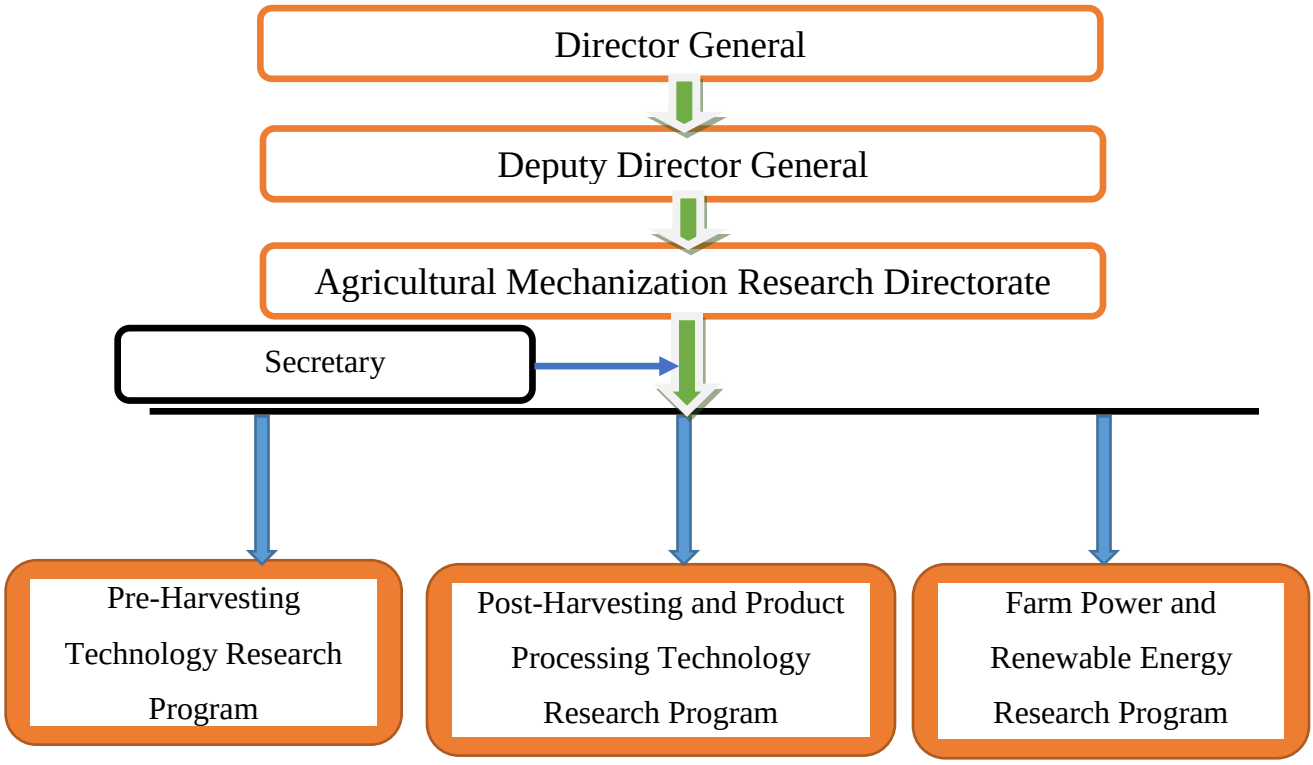
- To increase land and labour productivity, save time and cost and produce value-added/quality products
- Delivering alternative agricultural mechanization technology and knowledge based on farmers need
- for reducing the production cost and continuous increasing of the productivity in agricultural sector.
- Building provision of fast, efficient and effective agricultural mechanization technology and knowledge in participatory manner;
- Enhancing research capacity on the basis of center of excellence
- Building profitable agricultural mechanization technology, knowledge and strategy demonstration; Building provision of fast, efficient and effective agricultural mechanization technology and knowledge in participatory manner

Mandate of Agricultural Mechanization Research

- To introduce and adapt designs or to make new designs for agricultural mechanization technology together with improved techniques of operations for pre-harvest, post-harvesting and product processing, farm power renewable energy and forest management and product utilization.
- To train manufactures on fabrication and maintenance of newly developed technology and also to train farmers on the operation of newly developed technology
- To improve the traditional farm technology and introduce new one

- To study the available power source (human, animal engine, solar and wind) and generate technology for their proper utilization
- To develop test procedure and instrumentation techniques for testing agricultural mechanization technology
- To identify mechanization related constraints level of mechanization and economical combination of technologies and power units manufacture capability of the local artisans and manufacturing plants and metal cost of fabrication and operation of technologies

Organogram of the Directorate (ORG CHART)



6. Socio-Economic and Gender Research Directorate

Mission

- To generate information that improves the internal and external efficiency of the research system, impact of agricultural technology and adoption through promoting improved researchers capacity in the institute. Integration of social dimension in agricultural technology generation and transfer.
- Generate socio-economics and gender related information used for research planning, policy decisions and for improving the efficiency of research institute system.
- To facilitate linkage and information sharing among various stakeholders that have contribution to the development of the agricultural sector of the region.

Objectives.

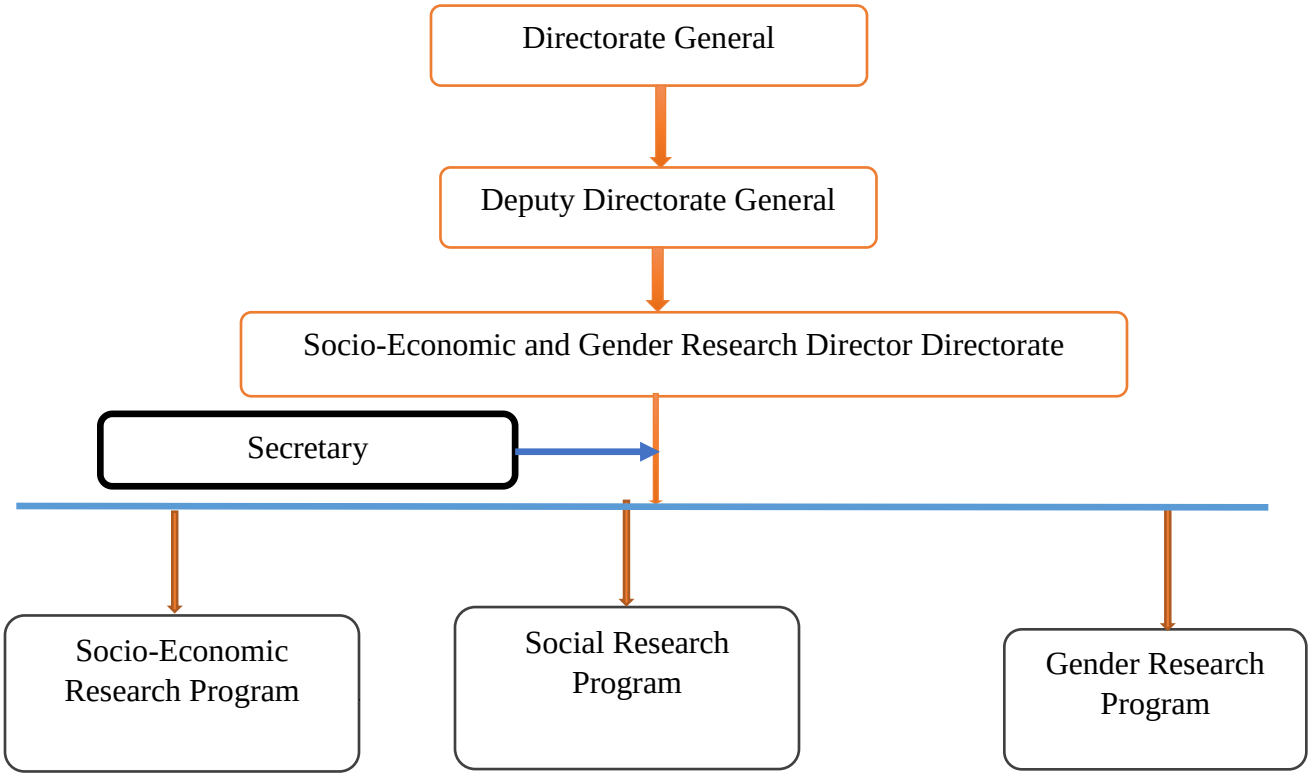
- To characterize and understand pastoral and agro-pastoral livelihood systems; identify, quantify and prioritize biophysical, socio-economic and policy constraints limiting the production and productivity of livestock, crops, forestry, and other natural resources
- To identify the potential and opportunities to mitigate agricultural production constraints in the region.
- To assess the socio-economics of natural resource management, conservation, utilization and identify institutional and policy issues influencing access and maintenance of common property resources (rangeland, water, woodland etc) in the region with special emphasis to pastoral and agro-pastoral production systems.
- To assess the marketing system of agricultural products and inputs in the region with special emphasis to the marketing of livestock and livestock products.
- To assess the effect of agricultural and related policies on technology development and transfer in the region.

- **Role and responsibilities**

- ✓ Adoption and Impact study
- ✓ Farming system dynamics
- ✓ Production economics

- ✓ Value chain analysis
- ✓ Agro-ecology based socioeconomic studies
- ✓ Gender research program on its part focuses on analysis of gender roles pastoral and agro-pastoral communities
- ✓ Social research and indigenous knowledge of pastoral and agro pastoral communities
- ✓ Creating work relationship, partnerships starting with the department, other departments, centers and sub centers.

ORGANOGRAM OF THE DIRECTORATE



7. Research Extension and Communication Directorate

Mission

- Popularize proven agricultural technologies, knowledge and information based on customer and market need.
- Establish and coordinate innovation platforms

Objectives

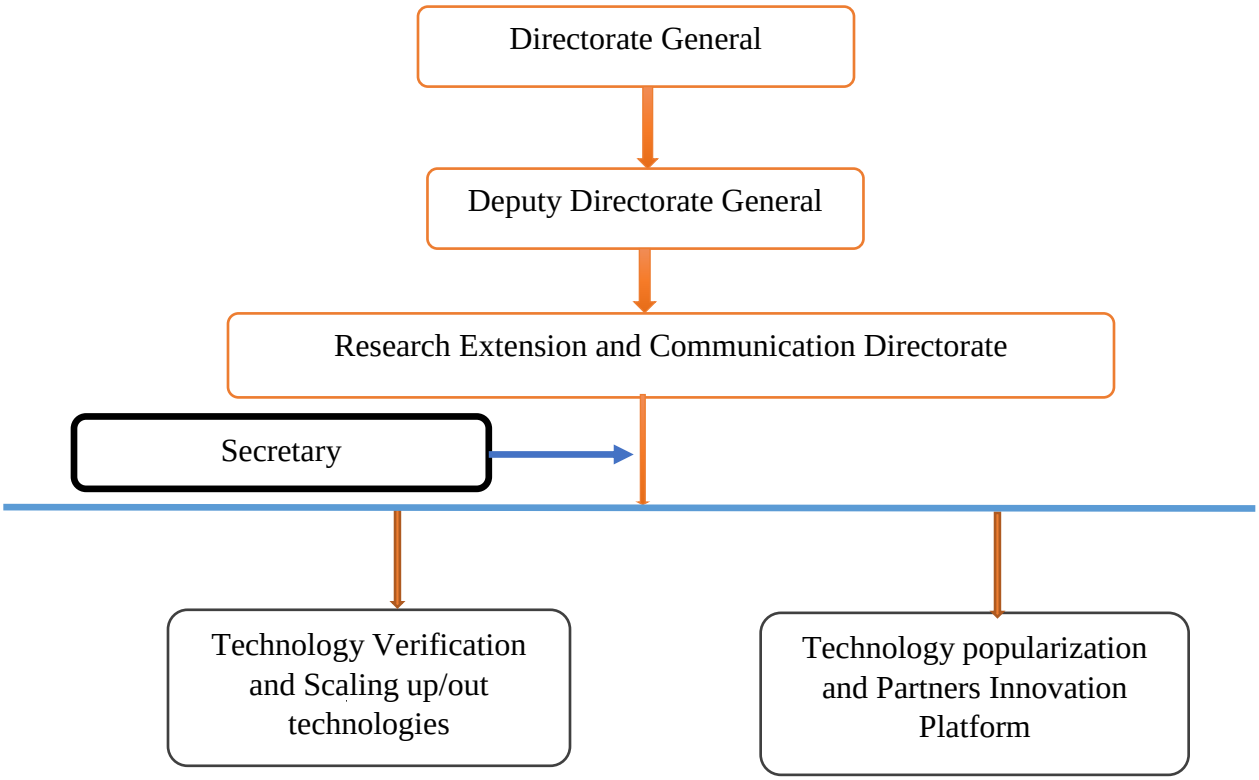
- To verify technologies on farmers' field for promising technologies tested on research field
- To popularize proven technologies trough broadcasting, field days, demonstrations, scaling-up activities, manuals, folders, leaflet etc.
- To coordinate innovation platforms of partners

Roles and Responsibilities

- Drafts technology transfer plans, coordinates programs and aligns them with the strategic plans of the institute, ensures that they are in conformity with the interest of the public/government and the interests of stakeholders of the Institute;
- Advises the research management of the Institute on issues related to technology and knowledge transfer, leads the institutional relations with other governmental institutions and technology users;
- Ensures that the institute's technology transfer plans and their implementation are in aligned with institutional guidelines and regional research programs, and that collaborative activities are in line with the strategic directions of the Institute;
- Coordinates the strategic implementation of research technology transfer activities; documents technological information and knowledge; follows up status of technology stock; identifies, through studies, information and technology transfer demands;
- Engage and coordinate the involvement of governmental and private sector actors through agricultural innovation system to ensures the effectiveness of the regional technology transfer program;

- Develops study-based procedures and implementation guidelines of technology transfer, develops related strategies on information documentation/organization and technology transfer;
- Strengthens collaborative works with concerned governmental and private institutions in areas of research, technical support and extension services;
- Plans, coordinates and monitors the implementation of institutional capacity building activities in technology transfer;
- Identifies ways and means of helping for and leading in a successful implementation of technology utilization, capacity building activities, and implementation of reform tools, and identifies and offers transformative proposes, and ensures the implementation of productive reform tools;
- In collaboration with other processes, identifies capacity building needs that could be met locally or abroad, and follows up their implementation;
- Intensifies, at different levels, relations pertaining to research, technology transfer, technical support and extension services.

ORGANOGRAM OF THE DIRECTORATE



8. Technology Multiplication and Seed Research Directorate

Objectives of the directorate

- To multiply and supply of good quality early generation technologies.
- To standardize and optimize EGT multiplication techniques and procedures using conventional and modern techniques.
- To develop seed quality assurance methods and postharvest seed management techniques.
- To enhance capacity of research centers for EGT multiplication and seed research.
- To promote local seed security through community based seed multiplication schemes.

Vision of the directorate

- To be a leading unit in multiplying and supplying EGT, and providing innovations, knowledge and seed policy options, that contributes to food security and sustainable development.

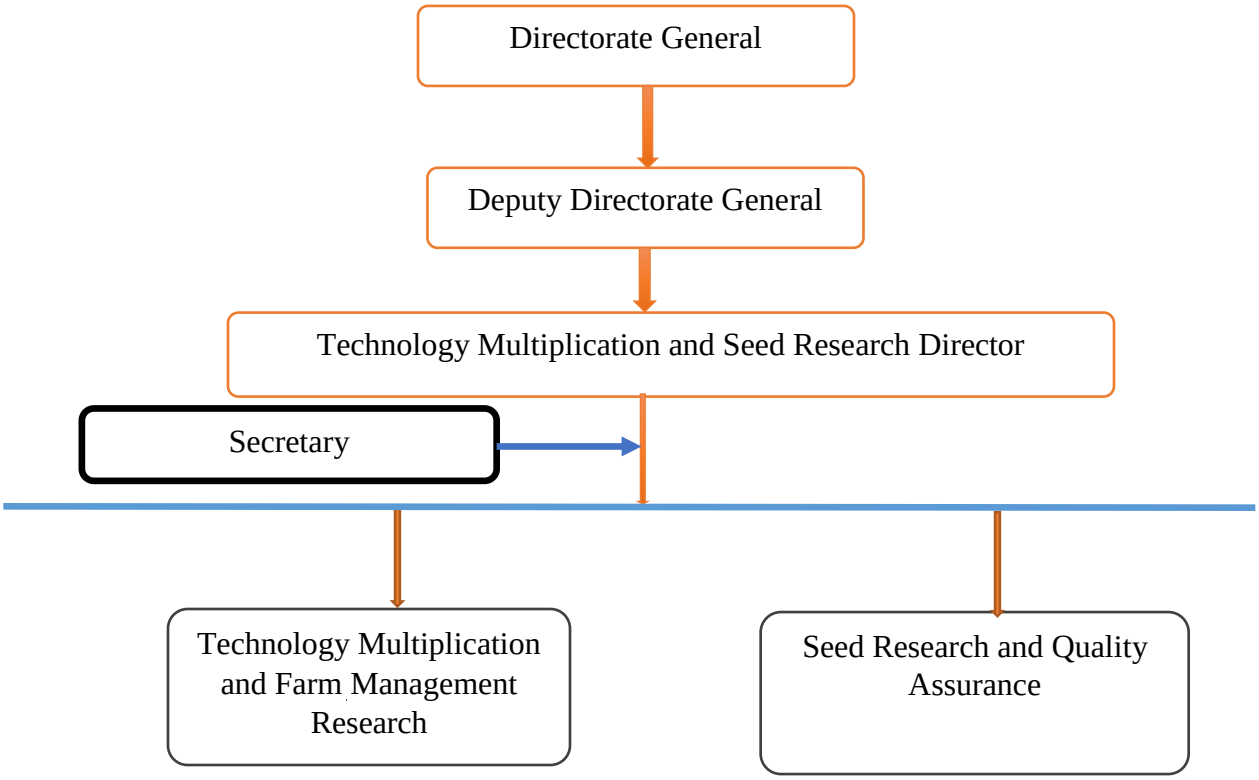
Mission of the directorate

- To produce and supply of quality EGTs to all stakeholders through a sustainable and competitive system.
- To deliver suitable and market-oriented seed production, processing, quality management and distribution techniques, knowledge and information for seed producers.

Goal of the directorate

- To multiply and supply EG technologies, and provide innovations and knowledge for increased availability of good quality EGT.

ORGANOGRAM OF THE DIRECTORATE



9. FOOD SCIENCE AND NUTRITION RESEARCH DIRECTORATE

MISSION

Deliver and popularize Food science & Nutrition technologies, knowledge and information in participatory and integrated way for all the pastoral and agro-pastoral communities of the Somali Region, in particular, and communities of the other regions with similar agro-ecologies, in general to reduce malnutrition.

GOAL

- To improve food diversification, processing technology, food enrichment, quality and safety for reduction of malnutrition, enhanced livelihood and to enhance the different postharvest technologies both from modern and indigenous knowledge.

OBJECTIVES

- To access and identify food related problems, generate and adopt/ adapt food science & Nutrition and related technologies in relation to production, processing and product development which is suitable, nutritious, safe and acceptable to human consumption and industrial uses
- To transfer food science and Nutrition technologies through service provision, various standard protocols, quality assurance, food regulation formulation, and play leading role in environmental issues for policy makers and strengthen stakeholders' interaction to enhance the development of food industries in the pastoral and agro-pastoral of Somali region as well as the country.

MANDATES OF THE DIRECTORATE

FOOD TECHNOLOGY AND PROCESS ENGINEERING

- ❖ Product development
- ❖ Useful microbes and enzymes
- ❖ By product utilization

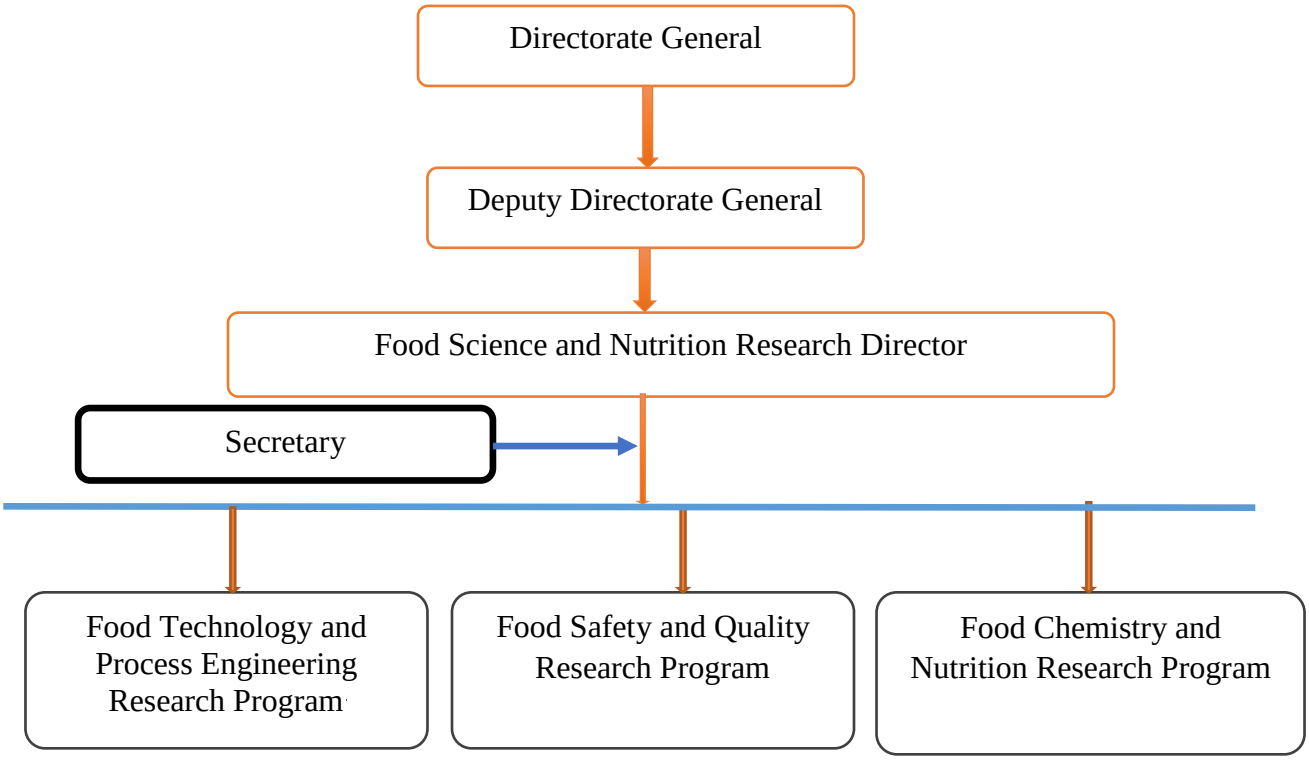
FOOD SAFETY AND QUALITY

- ❖ Food characterization
- ❖ Fortification and functional foods
- ❖ Innovative analytical methods
- ❖ Postharvest technologies for quality and safety improvement
- ❖ Chemical and microbial contaminants
- ❖ Shelf-life improvement.

Food Chemistry and Nutrition Research

- o Food Analysis**.**
- o Food Assessment and Nutrition Analysis
- o Food Chemical Safety and Toxicology

ORGANOGRAM OF THE DIRECTORATE





Somali Region Pastoral and Agro-pastoral Research Institute (SoRPARI)

Overview of Different Support Directorates

10. Planning, Budgeting, Monitoring and Evaluation Directorate

General objectives of the Directorate

The General objectives of the Directorate is to plan and allocate reasonable budget research programs, projects and activities and act as a watch dog for proper implementation of overall activities of the institute through monitoring and evaluation instruments

Specific Objective of the Directorate

- To Identify the vision, goals or objectives to be achieved by the institute
- To formulate the strategies needed to achieve the vision and goals.
- To determine and allocate the resources (financial and other) required achieving the vision and goals.
- To outline implementation arrangements, which include the arrangements for monitoring and evaluating progress towards achieving the vision and goals.
- To assure the effectiveness of development plan, including partnership strategies of the institute
- To identify key drivers or factors enabling successful, sustained and scaled-up development initiatives, alternative options and comparative advantages of the each organization
- To ensure the efficiency of development assistance, partnerships and coordination to limit transaction costs
- To identify risk factors and come up wise risk management strategies to ensure success and effective partnership.

Mission of the Directorate

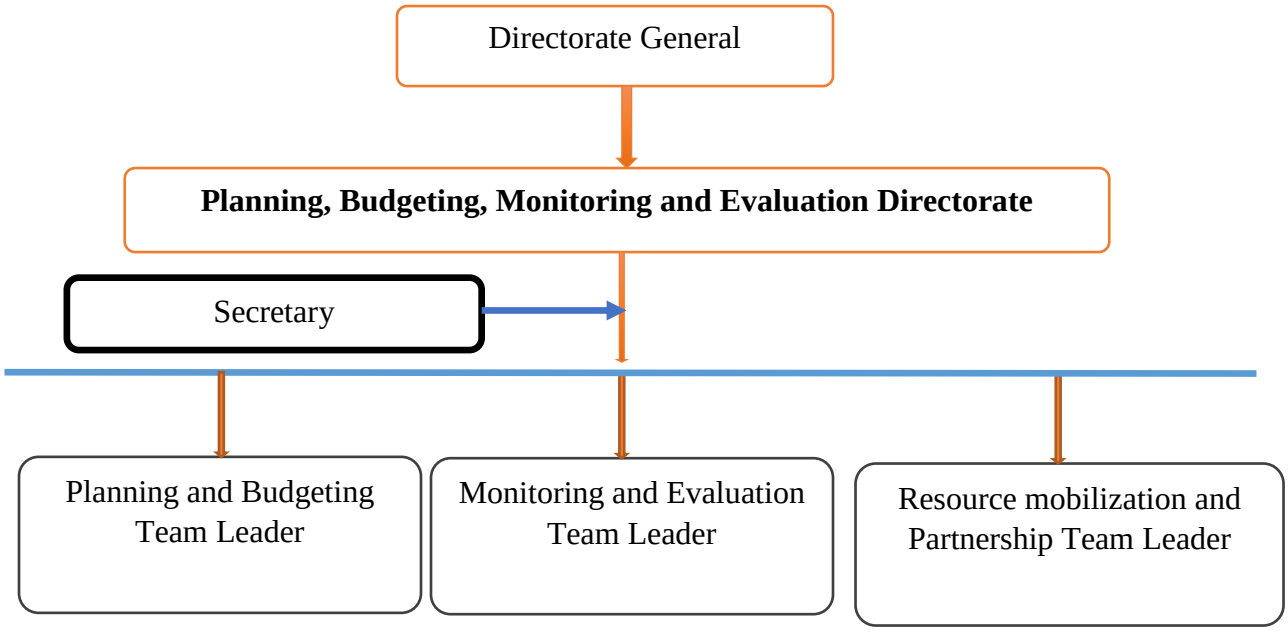
The planning, Budgeting, Monitoring and Evaluation Directorate was established to ensure the effective and efficient allocation and utilization of resources among the directorates, research centers and sub-centers and acting as a watch dog for proper implementation of the research programs, projects and activities through monitoring and evaluation instruments.

The Mandate Directorate

- Taking active role and general guidance while drafting the annual action and indicative plans of the institute, Research centers and Sub-centers
- Sensitizing staff on their roles of implementing annual action and indicative plans; short term plans and long term plans

- Communicating the Plans of the institute to various stakeholders;
- Allocating resources as per priority activities identified in the Plan;
- Determining and allocating the resources (financial and other) required achieving the vision and goals of the institute.
- Outlining implementation arrangements, which include the arrangements for monitoring and evaluating progress towards achieving the vision and goals.
- Monitoring and evaluating the implementation of the research programs, Projects and key activities run by Directorates, Research centers and Sub-centers
- Conducting a post-implementation review to bring out lessons learnt and share the results with relevant stakeholders.
- Monthly, Quarterly and Annually Report Writing and Compiling
- Conducting Impact assessments and Need assessment Handling
- Driving of Lesson learnt and KM Session from the Research Centers and Institute

ORGANOGRAM OF THE DIRECTORATE



11. Human Resources and Development Management Directorate

Mission of the Directorate

Improving human resource development and management of the institute (SoRPARI) and to build a developed public service to realize good governance and ensure rapid, and sustainable development that benefits our institute.

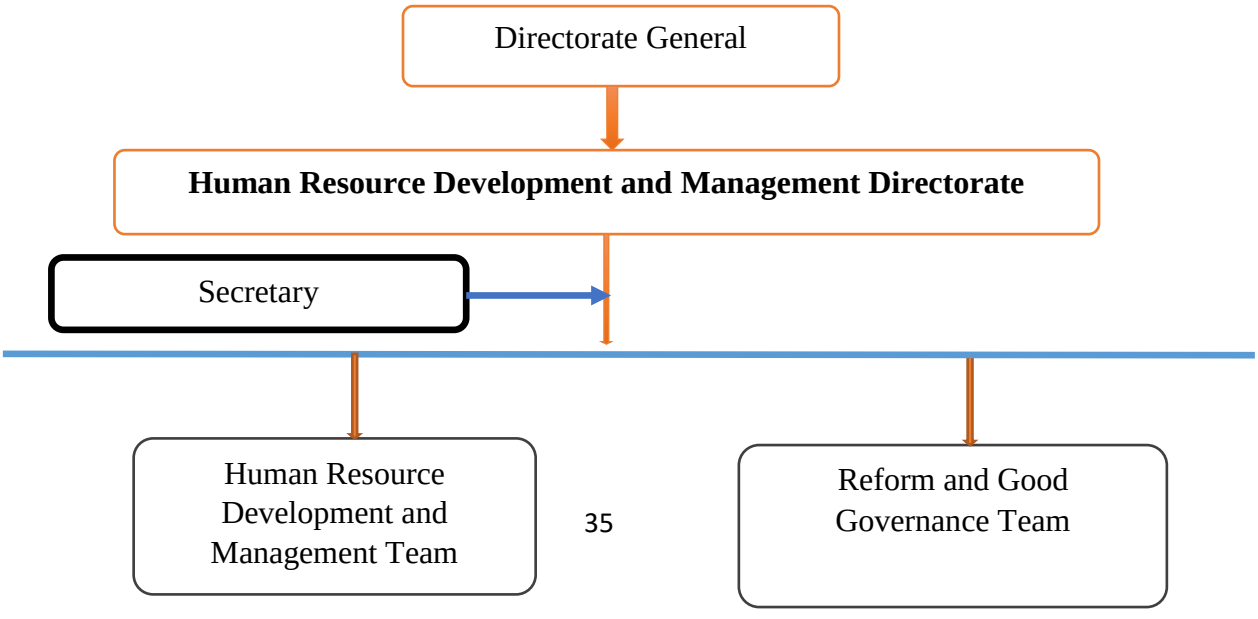
Objectives of the Directorate

1. To assign needed human resources with required quality and quantity to achieve the goals set in the strategic plan
2. Modernize human resource information system, keeps it up-to-date for decision making, and better service
3. Defining and implementing our institute structure is the key to achieving organizational goals
4. The other objective is employee motivation, training and development, employee empowerment, coordination
5. Implement, employment, placement, promotion, transfer, performance appraisal and disciplinary measures of civil servants in accordance with the law

Mandate of the Directorate

One of the fundamental responsibilities of any HR practitioner is to align and organization's human asset Management policies and practices with a strategic direction of a business.

ORGANOGRAM OF THE DIRECTORATE



12. PUBLIC RELATION DIRECTORATE

Role of Public Directorate

In the modern world, an organization can be looked as an orchestra whereby various team have a certain role to play. To be effective, however, each team must work with rest. Mainly, that is where we need a conductor-communicator. There has been dramatic change in the handling of communication/public relation all over the world, with an implication that if an organization has to survive and thrive, and then it must communicate effectively with all its stakeholders.

SoRPARI continue to generate agricultural related information, technologies and it is must to ensure that the information and technologies are transmitted appropriately to stakeholders. As a result, the condition in which the Institute communicate/means of communications, content of communication and the feedback generated from issue to be communicated are powerful indicators for the institute to set itself strategically as it shares different information, technologies and other products.

Public Directorate main duty is to contribute public awareness towards understanding role of SoRPARI playing to improve food security of the region. The public directory aims at providing a concise, clear, and information on the high and low points on the path of SoRPARI, as an integral member of the nation's NARS as well as the regional sustainable development unit. Public Directorate will give due attention to eliminate existing gabs between SoRPARI and Stakeholders. As part of dynamic approach, to ensure support of the communities, the directorate will closely work with the stakeholders and customers. Public department should act with positive response the expectations from community and the stakeholders.

In order to address the diverse public relation problems, the directorate will undertake activities to further strength existing relationship with key stakeholders and will comprehensively engage with new ones.

Responsibilities of Public Directorate

- Establish an information network between various core Technical Directorates and supporting Directorates within the Institute as well as the Centers and Sub centers

- Act as a spokesperson/information focal point of the Institute to strength, disseminate accurate and timely information using various information mediums including print materials, information desk, resource center, mass media and website
- Plan, coordinate, and execute various public relations events geared towards creating favorable image of the Institute and winning public support
- Design Institute official logos, produce audio-visual materials as well as various print and electronic publications
- Report on PR campaigns' results
- Organize PR events to increase awareness of the Communities
- As part of contributing to the region visibility, the public relation directorate of SoRPARI will always work with other public relation directorates of different offices, Somali region communication affairs bureau, SRTV, other media

Mission

To share existing and updated information and technologies generated by the institute through all information communication technologies to the stakeholders and end users.

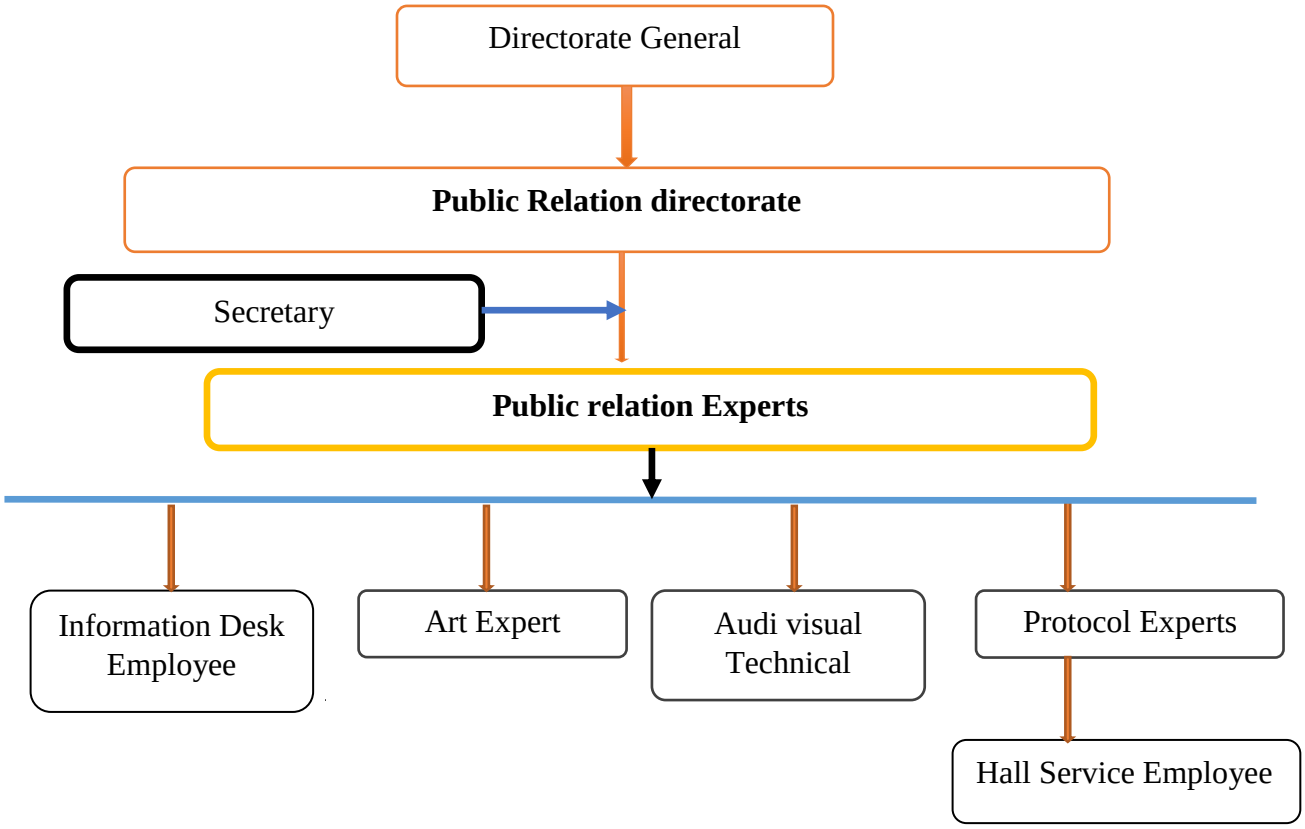
Objective

To communicate existing and new information and technologies released by the institute through the different means of communication.

Structure of the directorate

SoRPARI has implemented the new structure and all staffs had gone through job Evaluation and grading (JEG) system. Based on this, the public relation component of the institute is one of the entities under support wing which go through such reform.

ORGANOGRAM OF THE DIRECTORATE



13. Information and Communication technology Directorate

1. **Mission Statement**
   - To cost effectively enhance the quality of research and administration through the integrated ICT innovations and more understand of E-agriculture.
   - To facilitate regional-leading research, and enhance the digital experience, through provision of sustainable and reliable digital solutions.

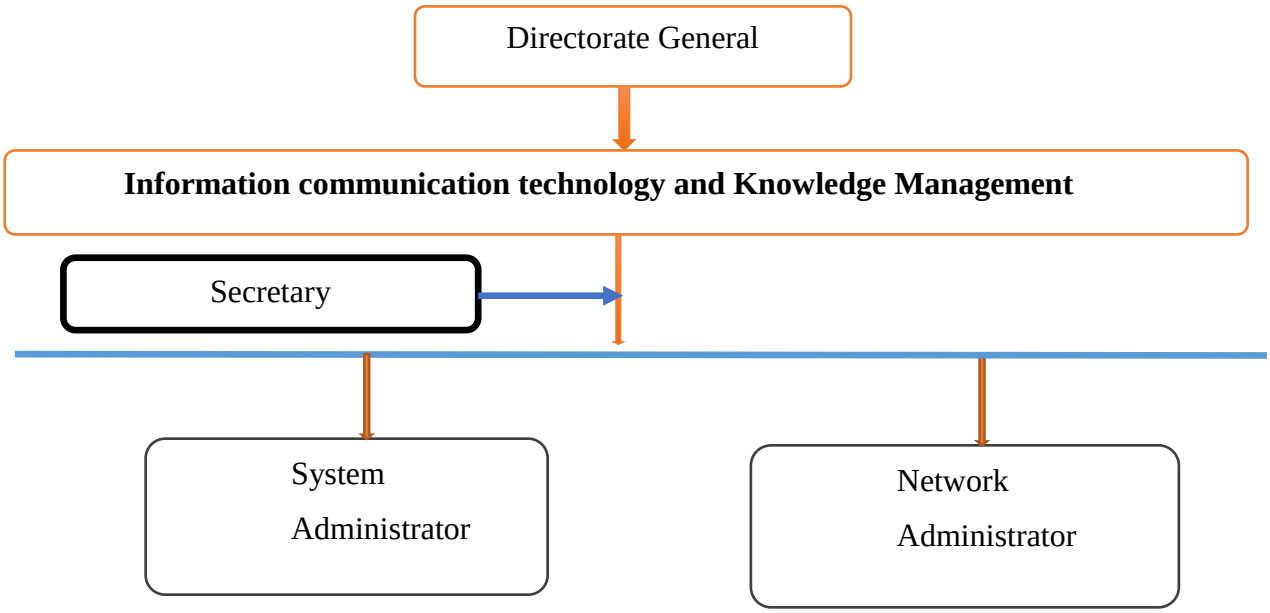
2. **<u>The main objectives of the ICT department are</u>**

   - To establish one main research data center
   - To establish strong and secure network infrastructure
   - To automate all activities of the technical and support departments
   - To enhance already established website of the institute
   - To establish smart agriculture using sensors and other Information communication technology tools
   - To enhance capacity and understand of information communication technology of the researchers and other support staffs
   - To enhance information and productive of regional pastoral and agro-pastoral Somali society
   - To create paperless society in SoRPARI
   - To create help desk to response the need of the staff about communication
   - To make sure that all computers, network and communication devices are working properly

3. **The main Role of Information communication technology and knowledge management**
   - Planning, implementation and development of ICT infrastructure accordingly
   - Fully support the researchers while they are doing their task
   - To plan and assist all strategies about how to apply and adopt communication technologies
   - To manage operations and maintenance of ICT resources.
   - To manage databases of information systems.
   - To train end-users on computer literacy and offer end-user computing support.
   - To offer technical advice and consultancy on acquisition of ICT resources.

- To work with SoRPARI stakeholders and governmental and non-governmental organizations.
- Developing or customizing new applications
- To establish better environment of communication among the researchers and other staff

ORGANOGRAM OF THE DIRECTORATE



14. Finance, Procurement and Property Administration Directorate

Mission of the Directorate

Ensuring appropriate utilization of the financial resource that are obtained Both from the government and external partner budget to managing resource, efficient, effective, and accountable finance, transparency and accountability in the procurement process by adhering to the government policy and procedure and property administration and controlling.

Objective of the Directorate

The objective of Finance and Procurement Directorate, in addition to ensuring appropriate utilization of financial resources that are obtained both from government & development partners is ascertaining that the monetary income and expenditures of the Institute is undertaken in line with the financial laws and directives of the country as well as in compliance with the requirements of the Institute partners.

The directorate is also required to ensure that the grant fund is used for intended purpose in the time specified and reported is issued timely.

It is also the objective of the directorate to facilitate the Transferring and the centres and sub. Centres allocated Budget, and supply of goods and services to achieve the institute goals and objectives

Duties of the Directorate

Finance is all about the activities involved in request, release, utilization ad reporting of all the financial sources of an organization up on sated rule and regulation. Were as, procurement is all the purchases of goods and services made with the budget allocated for an organization that could either used up with in one year (Supplies) or that have a useful economic life of more than one year.

it is all about the management of all goods that have an economic life span of more than one year and costing more than 200 birr

Finance, Procurement and property Administration Cases Duties

- Authorization and approval of the budget/payments
- Collection of Cash /recording of incoming money for the project

- Approval and payment of purchase and travel advance
- Settlements of advances account clearance
- Purchase of good and services from the fund accounts
- Reporting on the status of account to fund providers
- Collection of the revenue from different sources
- Vehicle maintenance and insurance
- Property registration, counting, transfer and disposal
- Storing, guarding and cleaning services
- Laboratory, office materials, water, electricity, building, polishers, threshers and other maintenance
- Registration of donated materials and equipments
- Controlling the institute Budget on the Rules and regulation of the government and Developing.
- Processing and Performs all payment
- Providing Monthly Financial performance Report and submitted to the concerned.
- Providing the service of the Beautification, Decoration and compound Security administration.

Structure of the Directorate

