

RAED

GENERAL FUNCTIONS

- Plan, coordinate and execute the implementation of regional agricultural engineering programs, projects and activities;
- Provide technical assistance and supervision to the Local Government Units (LGU's), Non-Government Organizations (NGOs) and other clientele groups with regards to the planning and implementation of small water impounding projects, diversion dams, and other irrigation projects, agricultural mechanization, post-harvest facilities and agricultural infrastructure projects;
- Supervise and conduct the construction, repair, operation and maintenance of RFO engineering facilities and equipment;
- Prepare and/ or evaluate agricultural engineering plans, designs, programs and projects for funding purposes;
- Coordinate and/or supervise at the regional level the enforcement of the Philippine Agricultural Engineering Standards including registration, licensing and performance testing and evaluation of agricultural machineries and postharvest facilities and perform other mandated regulatory activities;
- Plan, supervise and execute the implementation of small scale irrigation projects, post-harvest facilities, agricultural mechanization, farm to market roads and other agricultural infrastructure programs of the AgriPinoy and other locally funded or foreign assisted projects of DA;
- Coordinate and collaborate with the Agricultural Training Institute, State Colleges and Universities, LGUs, Philippine Society of Agricultural Engineers, RIARCs and other related groups for the planning and implementation of regional agricultural engineering training and extension program, and Research and Development;
- Coordinate and collaborate with the regional offices of NMIC for the planning and implementation of slaughterhouse projects; BFAR for aquaculture engineering projects and NIA for irrigation projects; and,
- Provide assistance in the organization and operation of the Regional Agricultural Engineering Council and the local chapters of the Philippine Society of Agricultural Engineers.

RAED shall be composed of three sections :

1. **Engineering Plans, Design and Specifications Section (PDS)** - shall oversee the preparation of regional mechanization and infrastructure plans, programs and projects.
 - Formulate the regional agricultural infrastructures, irrigation, mechanization, post harvest facilities and agro processing development/master plans in coordination with LGUs, NGA and other groups at the regional level;
 - Prepare plan, design, specification and cost estimate of all agricultural engineering related program, projects and activities
 - Coordinate with LGU, NGO, NGA and other DA attached agencies in the planning and preparation of engineering plans, design and specification of agricultural mechanization and infrastructure programs, projects and activities.
 - Evaluate agricultural engineering plans, programs and projects prepared by LGUs and other offices for funding purposes;

- Conduct topographic survey relative to agricultural infrastructure programs, project and other activities; and
 - Provide technical assistance in the implementation of Water Re-Use Act.
2. **Program and Project Management Section (PPMS)** shall oversee the implementation of agricultural infrastructure, irrigation, mechanization, post harvest facilities and other related DA programs and projects.
- Supervise and monitor the construction of agricultural infrastructure, irrigation, mechanization, post harvest facilities and other related projects of DA;
 - Provide technical assistance to LGU, qualified farmer associations, cooperatives or entrepreneurs interested in establishing and operating agri-fishery machinery and equipment service centers;
 - Monitor and assess the operation of constructed infrastructure facilities and distributed machinery and equipment, and provide recommendations to enhance its sustainability; and
 - - Conduct institutional and capacity development activities to support and sustain the operation and management of constructed infrastructure and distributed machinery facilities.
3. **The Standard Regulations and Enforcement Section (SRES)** shall oversee the compliance of agricultural infrastructure, irrigation, mechanization, post harvest facilities to existing national standards.
- Conduct inspection, testing and evaluation of production, postharvest and processing, and warehouse/storage machineries and equipment;
 - Supervise at the regional level the enforcement of the Philippine Agricultural Engineering Standards (PAES) on agricultural infrastructure, machinery and post harvest facilities;
 - Provide technical/supervision assistance to LGUs, NGA and other DA attached agencies in the conduct of testing and evaluation of agricultural machinery, post harvest facilities and agro-processing projects as well as the conduct of training and extension activities;
 - Maintain and regularly update the registry of irrigation, post harvest, agricultural machinery and agricultural infrastructure projects at the regional office, and which can be accessed through the internet.
 - Facilitate the registration and licensing of all agricultural machinery, equipment and facilities and other mandated regulatory activities;
 - Coordinate and provide assistance to the LGUs in establishing a registry of agricultural and fishery machinery at the municipality and provincial levels;
 - Facilitate the issuance of permits to operate small and medium sized agricultural and fishery machinery and equipment manufacturer, fabricators, assemblers and importers;
 - Assist DA in the development of new standards especially in equipment peculiar to the region; and
 - Coordinate and provide assistance to the local Building Officials in the evaluation and processing of permits application and certificate of occupancy of agricultural buildings and structures to ensure the enforcement of PAES and Section 21 of R.A. No. 8559 in the National Building Code of the Philippines.

