



Food and Agriculture Organization of the United Nations

Vacancy Announcement No: IRC5219

Issued on: 9 January 2018

Deadline For Application: 30 January 2018

Position Title:	Agricultural Engineer (Sustainable Agricultural Mechanization)	Grade Level:	P-3
Organizational Unit:	Plant Production and Protection Division, AGP	Duty Station:	Italy, Rome
		Duration *:	Fixed term: 2 years with possibility of extension
		Post Number:	2006292
		CCOG Code:	1H01

The length of appointment for internal FAO candidates will be established in accordance with applicable policies pertaining to the extension of appointments

Qualified female applicants and qualified nationals of non-and under-represented member countries are encouraged to apply.

Persons with disabilities are equally encouraged to apply.

All applications will be treated with the strictest confidence.

The incumbent may be re-assigned to different activities and/or duty stations depending on the evolving needs of the Organization.

Organizational Setting

The Plant Production and Protection Division (AGP) promotes the sustainable intensification of crop production. This requires the integration and harmonization of all appropriate crop production policies and practices in order to increase production in a sustainable manner in order to eradicate hunger while preserving the natural resources and environment for future use.

The post is located in the 'Rural and Urban Crop Systems Team', (AGPML) one of six teams in the Division. AGPML provides advice, technical support and guidance to countries aimed at sustainably increasing crop production as key contributions to food security, improved livelihoods and diversified diets in both rural and peri-urban contexts. The incumbent is part of a Team of technical experts on cropping systems (including horticulture crops, cereals, and perennial orchard and plantation crops) that work together to deliver a programme of work on sustainable crop production intensification through sustainable agricultural production and technologies addressed to small holder farmers.

Reporting Lines

The Agriculture Engineer reports to the supervising Task Group Leader Mechanization and the Team Leader (Rural and Urban Crop Systems Team), AGPML.

Technical Focus

The Agricultural Engineer will provide technical support in the planning, delivery and coordination of the work programme on sustainable agricultural mechanization.

Key Results

Research, technical analysis, and project related services to support the delivery of programme projects, products, and services.

Key Functions

- Researches and analyzes technical, social, economic, environmental, institutional, and technology related information, data and statistics and/or related policy issues to support the delivery of programme projects, products and services.
- Produces a variety of technical information, data, statistics and reports as well as input for technical documents and web pages.
- Provides technical support/analysis to various assessments, studies and initiatives and provides technical backstopping to field projects.
- Collaborates in the development of improved/updated tools, systems, processes, and databases.
- Participates on multi-disciplinary teams, and/or leads working groups/teams collaborates with other departments and agencies on work groups and committees and promotes best practices.
- Collaborates in, provides technical backstopping to and ensures the quality / effectiveness of capacity development activities within member countries such as policy support, organizational development and individual learning events including preparation of related information, learning materials, on-line tools.
- Promotes knowledge sharing and best practices at international meetings and conferences and influences partners in stakeholder consultations.
- Supports resource mobilization activities in accordance with the FAO Corporate strategy.

Specific Functions

- Participates in developing and promoting methodologies, guidelines and standards for sustainable agricultural mechanization in the context of sustainable farming systems and integrated crop production systems.
- Provides technical and policy support to the development and implementation of national and regional strategies, programmes and plans in support of sustainable agricultural mechanization.
- Liaises with research and development institutions, private sector organizations NGOs and universities linking the particular needs of small holders relevant to sustainable mechanization, with research activities and outputs
- Supports technical clearance procedures with respect to procurement of and investments in agricultural sector-related machinery and equipment
- Contributes to programmes and projects on conservation agriculture including through support for enterprise development
- Contributes to and/or provide technical support to the implementation of FAO's strategic framework, especially the division's work relating to sustainable agriculture and food systems in the context of the emerging realities of climate change and environmental degradation.

CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

Minimum Requirements

- Advanced university degree in Agricultural Engineering and/or Agricultural Machinery Design or related field
- Five years of relevant experience in agricultural mechanization and agricultural machinery in the context of sustainable agricultural production and in developing countries
- Working knowledge of English, and limited knowledge of French

Competencies

- Results Focus
- Teamwork
- Communication
- Building Effective Relationships
- Knowledge Sharing and Continuous Improvement

Technical/Functional Skills

- Work experience in more than one location or area of work, particularly in field positions is desirable
- Extent and relevance of knowledge of agricultural mechanization along the value chain
- Knowledge and extent of experience with integrated farming systems and sustainability in the context of smallholder production systems
- Extent and relevance of experience in developing and implementing programmes or projects on agricultural mechanization in the context of sustainable agriculture and climate change adaptation and mitigation.
- Ability to analyse sustainable crop mechanization issues from a technical, economic, social and environmental perspective
- Extent and relevance of experience in developing training tools and information materials
- Limited knowledge of Spanish would be an asset.

Please note that all candidates should adhere to *FAO Values of Commitment to FAO, Respect for All and Integrity and Transparency*.

ADDITIONAL INFORMATION

- All candidates should possess computer/word processing skills
- Your application will be screened based on the information provided in your iRecruitment online profile (see "*How to Apply*"). We strongly recommend that you ensure that the information is accurate and complete including employment record, academic qualifications and language skills
- Please note that FAO will only consider academic credentials or degrees obtained from an educational institution recognised in the IAU/UNESCO list
- Other similar positions at the same level may be filled from this vacancy notice and the endorsed candidates will be considered for the Employment Roster for a period of 2 years
- Candidates may be requested to provide performance assessments

REMUNERATION

A competitive compensation and benefits package is offered. For information on UN salaries, allowances and benefits, click on the following link: http://www.un.org/Depts/OHRM/salaries_allowances/salary.htm

HOW TO APPLY

To apply, visit the iRecruitment website at <http://www.fao.org/employment/irecruitment-access/en/> and complete your online profile. Only applications received through iRecruitment will be considered.

Candidates are requested to attach a letter of motivation to the online profile.

Vacancies will be removed from iRecruitment at 23:59 Central European Time (CET) on the deadline for applications date. We encourage applicants to submit the application well before the deadline date.

If you need help, or have queries, please contact: iRecruitment@fao.org

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