



ESTABLISHMENT OF THE NEAR EAST PLANT PROTECTION NETWORK (NEPP-NET)

تأسيس شبكة الشرق الأدنى لوقاية النباتات

FAO Near East Regional Office

Egyptian Plant Protection Research Institution

المكتب الإقليمي لمنظمة الأغذية وتازراعة للشرق الأدنى

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THE NETWORK

- **Near East Plant Protection Network (NEPP-NET) is a web-based integrated, multilingual regional thematic information and communication system.**
- **It enables plant protection specialists and workers to capture and disseminate information and knowledge about plant protection to national plant protection organizations and other stakeholders**
- **It is the knowledge sharing and collaboration platform in the field of plant protection for agricultural and rural development**



WHY ESTABLISHING THE NETWORK ?

- **Access and adoption of plant protection information and knowledge is inadequate in the Region, as a result of many factor such as :**
 - **inadequate Agricultural Research;**
 - **Inefficient information and communication management**
 - **poor linkages between researchers and extension officers**
 - **lack of coordination and collaboration;**



WHY ESTABLISHING THE NETWORK-CONT.,

- **diversity of institutions and the methodologies used for collecting agricultural data and information;**
- **lack of coordination and collaboration;**
- **absence of virtual national networks of agricultural institutions including HQs of MOA and its related institutions and centers and regional offices accessible through a national portal**



NETWORK OBJECTIVES

- **Protection of the Environment and Consumers protection , as well as enhancing quality and quantity of the production**
- **Provide mechanisms to strengthen, coordinate, and add value to national, regional and international initiatives in order to increase agricultural production**
- **Improve food security in the Near East countries, and also for the benefit of performance improvement of farmers and agrarian business**



CONSULTATION OBJECTIVES –CONT.,

- **Enhance collaboration among stakeholders for the control of Transboundary pests and diseases at Regional and Sub-Regional levels;**
- **Support the operations of an early warning system for the invasion of pests and diseases to avert its wide spread infestation;**



CONSULTATION OBJECTIVES –CONT.,

- **Strengthening linkages between all the stakeholders at regional level and interfacing with international institutions as well as donor countries and financial institutions.**
- **Promote the capacities of national stakeholders for applications of new technologies to be adopted for use at national level and induce their capacities for innovations.**



ORGANIZATIONAL AND INSTITUTIONAL ARRANGEMENTS

- **The regional network will be comprised initially of member countries in the RNE . The international and regional organizations which have interest in promoting NEPP-NET application as well as donor countries and the private sector, including stakeholders may also join the network as members**
- **The Network would establish its own governance structure based on the models established by GFAR for other developing region's network**




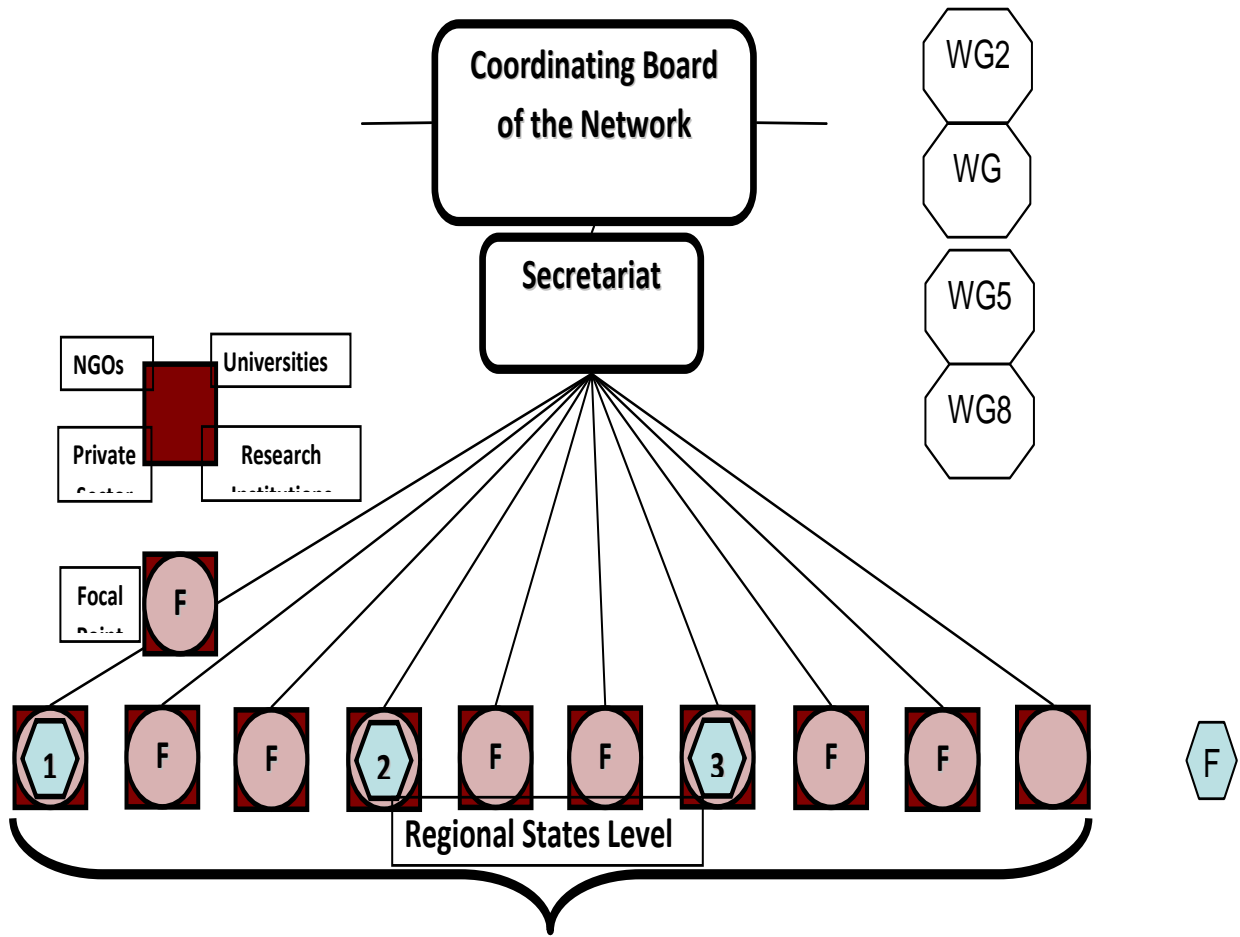
ORGANIZATIONAL AND INSTITUTIONAL ARRANGEMENTS - CONT.,

- It would set the specific bylaws and set its annual program of operations with clearly defined roles and responsibilities for each member**
- It would be represented in the governance structure through both the FAO representatives and the member national agricultural systems representatives**
- FAO would facilitate this process, and interact with the national institutions in each member country in support of their own efforts to develop their national knowledge and information management systems**



ORGANIZATIONAL AND INSTITUTIONAL ARRANGEMENTS - CONT.,

- **The network would be supported financially by the national contribution of its stakeholders as well as the additional contributions to be mobilized from its potential donors.**
 - **FAO and other regional organizations and collaborative partners would support the capacity building efforts of the network member institutions and facilitate the provision of software necessary to activate the network operations**
 - **The network has to be driven by its members who must assume the full responsibility for its operations and sustainability.**
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COORDINATING BOARD

- **The Coordinating Board includes members from each of the participating countries that may represent institutions identified as the focal points (national plant protection organizations) Board representatives may be selected from the NGOs, Private Sector, Plant protection Institutions (Governmental and non-governmental) and universities**
- **The Coordinating Board may form Technical Advisory Committees and ad-hoc committees to study and follow up on certain technical matters and specific tasks, or attend to some specific issues**



COORDINATING BOARD – CONT.,

The Coordinating Board will have the following functions:

- **Planning, coordination and follow-up of plant protection activities in the region including , training and other work programs.**
- **Fund raising from private donors, funding agencies and international organizations for the strengthening of the network activities.**
- **Facilitation of communication among the different focal points and working groups and the Regional NEPP-NET Network.**



COORDINATING BOARD – CONT.,

- **Cooperation and coordination of activities with other national, regional and international organizations involved in NEPP-NET.**
- **Decision on policy matters including introduction of new member countries and establishment of new working groups or changes in the existing ones.**
- **Promotion of technology to the users in member countries.**



NETWORK SECRETARIAT

- **The NEPP-NET Network includes participating national plant protection organizations from the region, coordinated by a Secretariat entity.**
- **The secretariat consists of a full time Secretary assisted by staff appointed by him to carry out the functions of the Network..**
- **plant protection research institute – Egypt was selected as a host institute of the Network and shall provide all necessary facilities and operational logistics to enable the secretariat to implement the work plan of the network.**



SECRETARIAT FUNCTIONS

- **preparation of a biannual report highlighting the different activities and achievements of the network**
- **Collection, compilation and dissemination of all documents, reference material and correspondence as well as technical information**
- **Preparation and follow-up of work programs and budgets approved by the Coordinating Board.**
- **Administrative responsibilities of the Network**
- **Preparation of evaluation criteria for the assessment of the performance and efficiency of the network. An outside team of experts will perform evaluation**
- **Provide data on all aspects relevant to NEPP-NET**



FOCAL POINTS

- **Institutions, identified as focal points in member countries, may be either national plant protection organizations or related research institutions**
- **The set up and organizational structure in each of the countries in the region, will be the linkage among other institutions, NGOs, private sector and all stakeholders as well as the Regional Network, and shall include representatives from the NGOs, Private Sector, plant protection organizations (Governmental and/or Non- Governmental) and universities**



TECHNICAL WORKING GROUPS

- Priority areas on a regional basis, in which, cooperation among participating countries is needed for the development of these areas. The working groups shall be located in the centers of in the selected host institutions as to be selected by the current NEPP-NET meeting as follows:

WG1 = pest and pesticide management,

WG2= plant protection and climate change ,

WG3= International Treaties and Conventions,

WG4= IPM ,

WG5=Phytosanaitry measures ,

WG 6= legislations ,

WG 7= Pest control campaigns ,

WG 8= Early warning



WORKING GROUPS FUNCTIONS

- **Each working Group will have the following functions:**
- **Collection and dissemination of information through the Network Secretariat**
- **Planning and coordination of research and development programs in cooperation with other member institutions.**
- **Provision of technical assistance to various national plant protection organizations**



FINANCIAL REQUIREMENTS

- **The long-term objective of the network is to gradually become self-supporting and assume more of its own expenses. However, at the initial stages, external inputs and technical backstopping by FAO and other related regional organizations and centers are essential.**
- **Other potential sources for covering up of some of the expenses include the following:**
 - **Consultation fees when services of the expertise are utilized by any of the countries.**



FINANCIAL REQUIREMENTS – CONT.,

- Overhead cost for coordinating regional projects that are funded e.g. training, extension, conferences, etc.. (about 10% of the total)**
- Charges (reasonable and affordable) for providing information to prospective users, including the private sector.**
- Revenues from sales of developed promotional material, posters, standards, publications, etc.**
- Revenues from advertisement on the web site of the NEPP-NET network by the private sector and other concerned groups.**
- Donations and funds from national, regional and international organizations as well as the private sector.**



EXPECTED OUTPUTS (RESULTS)

- The proposed Network is expected to produce, during its first phase of four years of operations (2010-2014), the following specific outputs:**
 - A pilot Near East Plant Protection Network (NEPP-NET)**
 - A pilot NEPP-NET knowledge and information management system of national components**
 - All plant protection institutions networked through a regional portal as well as through national portals**



EXPECTED OUTPUTS (RESULTS)- CONT.,

- A team of nationally selected focal points and technical staff at the different plant protection institutions trained on how to adopt and integrate information from their institutions into the NEPP-NET**
- Development of operational plans for the network that would strengthen plant protection knowledge-sharing and learning process and foster partnerships for broader knowledge-sharing and learning at national and regional levels.**
- Development of an operational framework that would define the roles and responsibilities of all stakeholders at the national level.**



NEPP-NET WORKPLAN 2010 – 2011 ,2011 – 2013

Phase I (2010 – 2011)

- Institutions
- Focal Points
- Experts
- Projects
- Publications
- Country Profiles
- Events
- News
- Pesticide Management Systems
- Pesticide Code of Conduct
- Pesticide Agreements and Conventions
- Country Profile and Performance
- Database System
- Integrated Pest Management
- Farmers Field Schools
- Bio-control
- Laws and Legislations
- Good Agricultural Practices

Phase II (2012- 2013)

- **Multimedia Expert System for Pests and Diseases**
- **Plant Clinic**
- **Pest Museums**
- **Diseases causal agents cultural**
- **Biodiversity**
- **Plant genetic resources**
- **Early Warning System**
- **Pest control campaigns**
- **Phytosanaitry**



IMPLEMENTATION STATUS OF THE PLANNED ACTIVITIES

- For 2010 – 2010 ; implementation of the planned activities was far below from the expectations due to number of factors ; -----
the only activities carried out so far :
 - selection of host institution and set up the Network secretariat
 - Formulation of two TCPs ; one on Date Palm Weevil control and the other on *Tuta absoluta* control using knowledge and information management
 - Preparation of the countries profiles
 - Taking measures to organise the Network follow up workshop in the first half of 2012.



Thank you for your kind attention

