**EU FITO PROJECT RESULTS / OUTPUTS**

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|  | **Intervention logic** | **Benchmarks** | **Sources of information** | **Assumptions****(external to project)** |
| **Overall Objective** | Development of a sustainable phytosanitary sector in Bosnia and Herzegovina, and its gradual alignment with the *acquis* institutional and regulatory requirements and standards. | Relevant EU phytosanitary and connected agricultural legislation are matched by BiH legislation | 1. Official Gazette of BiH
2. EU appraisal of the BiH legislation and implementation capacity
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| **Project Purpose** |  To enable phytosanitary services to create and implement BIH plant health regime, seed and propagating material policy, plant breeders' rights and plant protection products management in line with *acquis* harmonised legislation and international obligations and standards in this area. | 1. The necessary by-laws and tertiary legislation is established in compliance to the EU Acquis and international standards
2. Competent authorities roles and capacities in the areas concerned by the Project are upgraded
3. Phytosanitary services are prepared to apply EU standard control procedures
 | Final report.  | 1. Appropriate government, entities and Brcko District decisions concerning the set-up of necessary authorities or entitling the current institutions (e.g. Inspectorates, Institutes) to carry on the specific obligations deriving from the legal provisions developed by project activities 2. Full collaboration among different institutions in establishing and implementing the phytosanitary inspection system  |
| **Mandatory Results**  | **Component 1. Establishment of a legal and regulatory framework for plant health, seed and seedling materials, and plant protection products.**Result 1. Legal and regulatory framework is fully compliant with legislation and good practice of the EU for plant health regime, seed and seedling material of agricultural plants, vegetable, vine fruits, ornamental and forest plants, placing of plant protection products (PPP) on the market and sustainable use of pesticides.**Component 2. Plant health**Result 2. Register of operators (phytoregister) and rules of issuing plant passports are established and capacity is in place for effective coordination and management of the registration process within the competent authority in accordance with BiH legislation harmonized with EU acquis.Result 3. System for surveillance and monitoring over harmful organisms under implementation.Result 4. Cooperation and coordination procedures established between the Administration of BIH for Plant Health Protection and the phytosanitary inspections of entities and Brcko district.**Component 3.** **Seeds and propagation materials**Result 5. System for recognition and registration of varieties into the variety list of BIH, including a register for seed and seedling material and forest reproductive material established and operational, and a system to protect the breeders' rights in line with UPOV established and operational.Result 6. System for certification of seed and seedling material established and operational, including the delivery of master certificate for the forest reproductive material**Component 4. Plant protection products**Result 7. System for the effective evaluation of PPPs and management of the processes of their registration in line with EU legislation in the field of PPPs strengthened.Result 8. System for the control of use of PPPs and quality control of PPPs established | 1. A complete framework of legal provisions (primary, secondary and tertiary) prepared to be implemented by state, Entities and Brcko District institutions involved in plant health, seed and seedling material, and plant protection products.2. An array of documents necessary to assure the registration of operators for phytosanitary purposes is delivered.3. The capacity to conduct phytosanitary monitoring and surveillance is built.4. Procedures for functioning of the phytosanitary inspection system at all levels are delivered.5. Legal and operational framework to manage registration of seeds and propagation materials, as well as new varieties bred from BiH institutions is in place6. The system (legal provisions, . templates and manuals, and institutional framework) for certification of seeds and vegetative material is established and adopted by the competent authorities7. The institutional capacity for managing PPPs registration is built up.8. The knowledge and legal background for the post-registration control of PPPs is delivered.  | 1. Project reports approved by twinning partners and relevant technical Annexes translated in BiH language
2. Project reports approved by twinning partners and relevant technical Annexes translated in BiH language
3. Project reports, internal documents of the competent authorities regarding the monitoring and surveillance organisation
4. Project reports, manuals of procedures adopted by the competent authorities
5. Decisions and regulations adopted by the competent authorities. Annexes to project reports
6. Decisions and regulations adopted by the competent authorities. Annexes to project reports
7. Decisions and regulations adopted by the competent authorities. Annexes to project reports
8. Project reports, internal documents of the competent authorities regarding the surveillance over PPPs
 | Appropriate collaboration between beneficiaries institutions Resources are assured for the development of the systems at state, entities and Brcko district levelWillingness from the concerned institutions in implementing the systems related to phytosanitary inspection, seeds and vegetative material certification, PPPs registration  |

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| **Activities** | **Sub-Activities** | **Benchmarks** | **Sources of verification** | **Assumptions** |
| A0) Visibility events | Kick-off meeting in BiHFinal event in BiH | A0.1 Introduction to the projectA0.2 Increased awareness about the activities of administrations involved in phytosanitary inspection A0.3 Awareness among stakeholders about the improvement of phytosanitary inspection system, seeds and plant material certification, plant protection products registration and control A0.4 Project leaflet is prepared and project website is launched | First quarterly reportFinal report |  |
| **Component 1. Establishment of a legal and regulatory framework for plant health, seed and seedling materials, and plant protection products.** |
| 1.1 Draft missing regulations in accordance with EU *acquis* on plant health regime, seed and seedling material of agricultural plants, vegetable, vine fruits, ornamental and forest plants, placing of plant protection products (PPP) on the market and sustainable use of pesticides.  |  | 1.1.1) Gaps analysis performed for legal aspects related to all area concerned by the project 1.1.2) Tables of concordance of legislation for the areas concerned by the project for the primary and secondary legislation prepared; 1.1.3) To provide a suggested legislation framework for legal implementation of the systems 1.1.4) Legislation for implementation of the system is delivered upon legal assessment | Annexes to Mission reportsAnnexes to Quarterly and Final reports  | Availability of documents from all beneficiaries institutions involved |
| 1.2 Train phytosanitary services staff for the implementation of adopted regulations  |  | 1.2.1) Training needs analysis performed1.2.2) A plan to organise human capacity building through training courses, workshops and study visits to EU member states for relevant stakeholders is delivered. 1.2.3) An Internet-Based Administrative-Knowledge System (IBAKS) composed of the array of documents (instructions, guidelines, manuals, leaflets) developed for the different areas concerned by the project is built.  | Annexes to Mission reportsAnnexes to Quarterly and Final reports PHPA website | Willingness of staff from all beneficiaries institutions involved to answer to a questionnairePHPA website accessibility by entities and Brcko district institutions |
| **Component 2. Plant health**  |
| **Action 1. Phytoregister** |
| 2.1. Prepare and implement procedures for management of register of operators.  |  | 2.1.1) Tertiary legislation (instructions and procedures) for the register of operators is developed 2.1.2) An electronic system for the management of the register is provided  | Annexes to Mission reportsAnnexes to Quarterly reports Annexes to Final report Intranet website of PHPA | PHPA website accessibility by entities and Brcko district institutions |
| 2.2. Train administrative staff on establishment and management of registers, from receipt to issuance of authorizations  |  | 2.2) At least 100 staff operating the register is trained  | Annexes to Mission reportsTraining courses certificatesCourses Evaluation Sheets | Availability of staff from all beneficiaries institutions |
| 2.3. Train producers, importers, exporters (operators) and others who are dealing with plants, plant products and other articles for registrations  |  | 2.3.1) An array of seminars and trainings (at least 5) are carried out for operators 2.3.2) An information campaign is performed 2.3.3) Informative materials (leaflet, poster, video clip) about registration of operators into the phytoregister is produced and printed (1000 copies for leaflet; 100 copies for poster) | Annexes to Mission reportsAnnexes to Quarterly reports Annexes to Final report Training courses certificatesCourses Evaluation SheetsNumber of contacts in Project webpagePHPA website | Availability of staff from all beneficiaries institutionsPHPA website easily updated |
| 2.4 Train administrative staff and/or producers on the rules for issuing plant passports  |  | 2.4) Practical trainings are carried out on how to issue plant passports to at least 100 staff and operators. | Annexes to Mission reportsAnnexes to Quarterly reports Training courses certificatesCourses Evaluation Sheets | Availability of staff from all beneficiaries institutions |
| **Action 2. Surveillance and monitoring** |
| 3.1. Prepare surveillance and monitoring programs on harmful organisms in accordance with the EU legislation and in line with International Plant Protection Convention (IPPC) and European and Mediterranean Plant Protection Organization (EPPO) standards  |  | 3.1) A surveillance and monitoring program related to the major harmful organisms (at least 20 organisms) and main crops relevant for BiH is delivered  | Annexes to Mission reportsAnnexes to Quarterly reports | Availability of staff from all beneficiaries institutionsPreliminary knowledge on distribution of harmful organisms  |
| 3.2. Train phytosanitary services on risk management  | 3.2.1 Procedures and trainings on phytosanitary risk management | 3.2.1.1) Developing a procedure for risk management deriving from phytosanitary threats 3.2.1.2) Practical training on PRA and risk management is carried out  | Annexes to Mission reportsAnnexes to Quarterly reports Study visit report | Availability of staff from all beneficiaries institutions |
| 3.2.2 Study visit on phytosanitary risk management | 3.2.3) A study visit is organized for six staff involved in surveillance and monitoring |
| 3.3. Train laboratory staff on laboratory methods for diagnosing harmful organisms  | 3.3.1 Procedures and trainings on phytosanitary laboratory analyses | 3.3.1.1) Developing short instruction manuals and procedures for major laboratory phytosanitary analyses according to ISO 17025 standard 3.3.1.2) Laboratory training on diagnosis of different kinds of harmful organisms  | Annexes to Mission reportsAnnexes to Quarterly reportsLaboratories Quality Manual Training courses certificatesCourses Evaluation sheetsStudy visit report | Availability of staff from all beneficiaries institutions dealing with phytosanitary laboratory analysis |
| 3.3.2 Study visit for phytosanitary laboratory diagnosis | 3.3.2) A study visit to a phytosanitary laboratory for on-site training of six selected staff |
| 3.4. Draft regulations to support uniform prices for laboratory testing and phytosanitary inspection  |  | 3.4.1) The regulation on uniform principles for setting laboratory analyses prices is prepared3.4.2) The regulation on uniform principles for phytosanitary inspection prices is prepared | Annexes to Mission reportsAnnexes to Quarterly reportsPHPA website |  |
| **Action 3. Coordination of the phytosanitary system** |
| 4.1. Draft secondary legislation as well as a manual for phytosanitary inspectors in accordance with EU legislation and IPPC standards  |  | 4.1) An inspection manual with procedures for carrying on phytosanitary control is prepared4.2) The manual is edited and printed in at least 200 copies. | Annexes to Mission reportsAnnexes to Quarterly and Final reportsPHPA website | Availability of inspection staff from all beneficiaries institutions |
| 4.2. Train phytosanitary inspectors in accordance with EU requirements including also the inspection at the border inspection points  | 4.2.1 Trainings on inspection | 4.2.1) Theoretical and practical trainings for inspectors are performed for at least 100 staff  | Annexes to Mission reportsAnnexes to Quarterly reportsTraining courses certificatesCourses Evaluation sheetsStudy visit report | Availability of inspection staff from all beneficiaries institutions |
| 4.2.2 Study visit for phytosanitary inspectors | 4.2.2) A study visit for six inspectors is organized |
| **Component 3: Seeds and propagation materials**  |
| **Action 1 – Variety registration and breeders rights** |
| 5.1. Variety registration in BiH catalogue(s) | 5.1.1 Development of procedures for variety registration | 5.1.1) Secondary and tertiary legislation for the registration of varieties is prepared  | Annexes to Mission reportsAnnexes to Quarterly reports Training courses certificatesCourses Evaluation sheetsPHPA website | Availability of staff dealing with certification and control of seeds and vegetative materials from all beneficiaries institutions |
| 5.1.2. Train personnel involved in the variety testing system for entry into the variety catalogue of BiH | 5.1.2) Staff is trained on the registration procedures |
| 5.1.3 Train staff in charge of the approval of basic material for forest reproductive material  | 5.1.3) Trainings on inspection and evaluation of basic material for forestry is delivered  | Annexes to Mission reportsAnnexes to Quarterly reports Training courses certificatesCourses Evaluation sheets | Availability of staff from all beneficiaries institutions |
| 5.2. Plant breeders' rights in BiH  | 5.2.1 Development of procedures for management of plant breeders’ rights | 5.2.1.1) Development of secondary and tertiary legal provisions for management of the plant breeders’ right register5.2.1.2) Staff is accustomed with the use of the register and other databases | Annexes to Mission reportsAnnexes to Quarterly reports Training courses certificatesCourses Evaluation sheets | Availability of certification staff from all beneficiaries institutionsAvailability of operators  |
| 5.2.2 Train staff involved in the management of plant breeders' rights register | 5.2.2) Staff is accustomed with the use and procedures related to the plant breeders’ rights registers |
| 5.2.3 Train staff and stakeholders in relation with enforcement of plant breeders' rights.  | 5.2.3.1) A series of workshops and seminars (at least three) for staff and operators in breeding activities is organized5.2.3.2) An illustrative brochure is prepared, printed (100 copies) and distributed |
| **Action 2 – Certification system for seeds and seedling materials** |
| 6.1. Develop draft regulations and procedures establishing a system of production and certification of seeds of agricultural and vegetable plants and seedling material of vegetable, ornamental and fruit plants, and control of imports and exports of seeds and seedling material of agricultural plants in BIH.  | 6.1.1 System of seeds and vegetative plants certification  | 6.1.1.1) Secondary legislation dedicated to production and certification of seeds and propagating materials is prepared 6.1.1.2) Tertiary legislation on production and certification of seeds and propagating materials is delivered6.1.1.3) Documents related to the application to OECD are provided  | Annexes to Mission reportsAnnexes to Quarterly report  | Availability of staff from all beneficiaries institutions |
| 6.1.2 System of import/export control of seeds and vegetative plants | 6.1.2.1) Secondary legislation dedicated to import/export control of seeds and propagating materials is prepared6.1.2.2) Procedures for the import/export control of seeds and seedling materials are delivered |
| 6.2. Train staff involved in the control process for obtaining certified seeds and seedling materials in line with the EU regulations  | 6.2.1 Trainings on seeds and seedling material certification | 6.2.1) Seminars and practical training on inspection and control of seeds and plant materials to be certified | Annexes to Mission reports Annexes to Quarterly reportsTraining courses certificatesCourses Evaluation sheetsStudy visit report | Availability of staff from all beneficiaries institutions |
| 6.2.2 Study visit on seeds and seedling material certification | 6.2.2) A study visit (for eight staff) dealing with certification of seeds and plant materials is carried out |
| **Component 4: Plant protection products**  |
| **Action 1: Marketing of PPPs** |
| 7.1. Prepare draft Law on Plant Protection Products and secondary legislation aligned with Regulation (EC) 1107/2009 and draft secondary legislation in line with Directive (EC) 2009/128  | 7.1.1 Law on marketing of PPPs | 7.1.1) Development of a proposal for the Law on the marketing of Plant Protection Products and the related supporting documents  | Annexes to Quarterly and Final ReportsPHPA websiteBiH Official Gazette |  |
| 7.1.2 Drafting provisions on sustainable use of pesticides | 7.1.2.1) Development of a regulation establishing IPM practices according to Dir 2009/128 7.1.2.2) Development of an Action Plan for BiH for implementing IPM principles in major crops 7.1.2.3) Drafting of guidelines and other documents for IPM implementation related to measures foreseen in the Action Plan7.1.2.4) Editing three guidelines for IPM |
| 7.2. Draft guidelines necessary to support the registration process for PPP  |  | 7.2.1) Preparation of administrative procedures for management of PPP dossier 7.2.2) Develop a series of guidelines to support the work of specialists evaluating PPP dossiers  | Annexes to Mission reports Annexes to Quarterly reportsPHPA website | Availability of experts from different institutions on the different subjects dealt with by the dossier |
| 7.3. Train PPP dossier evaluators on Uniform Principles and administrative staff on risk management and coordination of PPPs dossier management  |  | 7.3) An array of practical trainings on case studies is carried out  | Annexes to Mission reports Annexes to Quarterly reportsTraining courses certificatesCourses Evaluation sheets |  |
| 7.4. Develop tools for information dissemination to stakeholders  |  | 7.4.1) An Internet-based system for information dissemination is delivered7.4.2) An array of trainings for operators on PPP use and IPM implementation  | Annexes to Final ReportPHPA website | Upgradability of PHPA website |
| **Action 2: Monitoring of PPPs and their residues** |
| 8.1. Draft guidelines for the establishment of annual monitoring program for PPP residues and control  |  | 8.1.1) Guidelines defining the criteria and principles to establish a multi-annual monitoring program of PPP is prepared8.1.2) A proposal for a multi-annual plan is drafted  | Annexes to Mission reports Annexes to Quarterly reports | Coordination among different institutions from state, entities and Brcko district |
| 8.2. Draft instructions for sampling on farm level  |  | 8.2) A manual for inspectors with instructions for sampling of different materials of plant origin is prepared  | Annexes to Mission reports Annexes to Quarterly reports |  |
| 8.3. Train laboratory staff on laboratory methods for quality check of formulation of PPPs  | 8.3.1 Development of procedures’ manual and trainings | 8.3.1.1) Development of a manual with different analytical methodologies 8.3.1.2) Theoretical and on-site practical training on laboratory methods is carried out  | Annexes to Mission reports Annexes to Quarterly reportsLaboratory Quality ManualsTraining courses certificatesCourses Evaluation sheetsStudy visit report | Availability of staff from all laboratories beneficiaries institutionsAvailability of instruments for PPPs analyses |
| 8.3.2 Study visit on laboratory analysis of PPP | 8.3.2) A study visit (four staff) for a training in MS laboratory on selected methods is performed |
| 8.4. Train inspectors on control of use and quality of PPPs  |  | 8.4) Inspectors are trained on implementing sampling procedures and control of field registers of PPP  | Annexes to Mission reports Annexes to Quarterly reportsTraining courses certificatesCourses Evaluation sheets | Availability of operators for inspection simulations  |