



Agriculture Mission Mode Project (National e-Governance Plan)



Service 6 : Electronic Certification of Export and Import

Department of Agriculture & Cooperation
Ministry of Agriculture
Government of India

Software Development Agency
Agricultural Informatics Division
National Informatics Centre (NIC)
Ministry of Communications & Information Technology
Government of India

NeGP-A : AMMP

Service – 6

Aims at

Electronic
Certification of
Export and Import

1. Aim
2. Objectives
3. Implementation Strategy
4. System Characteristics
 - ❖ As-Is
 - ❖ To-Be
5. Stakeholders
6. Deliverables

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Aims at

Electronic Certification of Export and Import

To develop, test and operationalise Application Software (Apps) and Portlet, for this Service, using ICT Technology :

1. Content Management System (CSM) – Service Portalet development
2. Database Development Applications
 - a. Transaction based (Database Tools)
 - b. Work-flow based (Workflow engine)
3. GIS and Data Analysis (Spatial and Non-Spatial);
4. Status Alerts Management and Expert Advisory
5. Grievances Redressal & management
6. Information service through Delivery channels using end user computing facilities
- 7.
- 8.

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Aims at

Electronic Certification of Export and Import

- ✓ Formulation of System Requirements Specifications (SRS);
- Design of solution components;
- Development of Application Software (Apps) of Service;
- Installation, Integration and Testing of Apps;
- Security Audit, Testing and Certification of Apps.
- Pilot Run, User Acceptance, Testing and Stabilization of Apps;
- Documentation of Apps (Software and Services)
- Handholding and Maintenance Support of Apps;
- Capacity Building (through Training) for Operationalisation of Apps;

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Aims at

Electronic Certification of Export and Import

1. Providing information on

- Certification Procedure for Import and export of Plants, livestock and Fish products of (India and Importing countries) in Indian languages and English;
- Associated Fees and Charges (Inspection, Treatment supervision and Import Permit)
- Details of Certifying Authorities for Plant, Livestock products (for issuance of Import Permit, Import Release Order, and Phyto Sanitary Certificate; Inspection, Treatment, Quality Assurance & Testing, Trading, Export Promotion Councils, Commodity Boards, Export Authorities, CUSTOMS, Food Safety Standards Authority of India, DGFT, ..)

2. Automation of Quarantine services - Issuance of PSC,IP,IRO for plants and plant products (already operational at <http://plantquarantineindia.nic.in>)

3. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products

4. Automation of Quarantine Certification Process for Export of Pet animals

5. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products

6. Automation of Quarantine Certification Process for Import of Pet animals

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Aims at

Electronic Certification of Export and Import

7. Automation of Issuance Process for Sanitary Import Permit of Livestock Product (SIP)
8. Accessibility of Export Certificate to NPPO of importing Countries
9. Dissemination of information on linked services (IE Code, permission/compliance of food standards, quality assurance....)
- 10 Grievances Redressal and Management (specific to this service, general in nature, CVC guidelines, FAQs....)
11. **Database on** various types of data and dossiers submitted to the regulatory authorities and environment clearance authorities (pollution control Board, central insecticide Board, state governments,..) for getting clearance and registration of pesticides manufacturing, import and export

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Aims at

Electronic
Certification of
Exports and
Imports

Service – 6 (1)

Providing information on Certification Procedure for Imports and exports of Plants, livestock and Fish products, Associated Fees and Certifying authorities

AS-IS

1. Published Documents (Hard Copy / Digitized)
2. Website of Department/Organisation/ Institution/Authorities ...

To-Be

1. Content Management System (CMS) through CMS Tools;
2. Information Retrievable and Searchable through Key words;
3. Information Access through SAP and CAP, in local languages;

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Aims at

Electronic
Certification of
Export and
Import

Service – 6 (2):

Automation of Quarantine Certification for Plant & plant Products: Operational at <http://plantquarantineindia.nic.in>

Service- 6(3)

Automation of Quarantine Certification Process for Export of Livestock & Livestock Products

AS-IS

Manual Process – paper based.

To-Be

1. Web based Application will be developed for online application submission and issuance of Quarantine Certificate
2. Status alerts will be Sent to Exporter through SMS/Email for change of status .
3. E-payment facility will be provided .
4. MIS report will be available.
5. Database on exported item , Port, Country
6. Registration of Exporter (linkage with DGFT)

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Aims at

Electronic
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Export and
Import

Service – 6 (4)

Automation of Quarantine Certification
Process for Export of Pet Animals

AS-IS

Manual Process – paper based.

To-Be

1. Web based Application will be developed for online application submission and issuance of Quarantine Certificate
2. Status alerts will be Sent to Exporter through SMS/Email for change of status .
3. E-payment facility will be provided .

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Service – 6

Aims at

Electronic
Certification of
Export and
Import

Service – 6 (5)

Automation of Quarantine Certification
Process for Import of Pet Animals

AS-IS

Manual Process – paper based.

To-Be

1. Web based Application will be developed for online application submission and issuance of Quarantine Certificate
2. Status alerts will be Sent to Importer through SMS/Email for change of status .
3. E-payment facility will be provided .

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Service – 6

Aims at

Electronic
Certification of
Export and
Import

Service – 6 (6)

Automation of Quarantine Certification Process for Import of Livestock & Livestock Products

AS-IS

Manual Process – paper based.

To-Be

1. Web based Application will be developed for online application submission and issuance of Quarantine Certificate
2. Status alerts will be Sent to Importer through SMS/Email for change of status .
3. E-payment facility will be provided .
4. MIS report will be available.
5. Database on Imported item (HS-code)
6. Registration of Importer (linkage with DGFT)

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Service – 6 (7)

Automation of Issuance Process for SIP of Livestock Products

AS-IS

Manual Process – paper based.

To-Be

1. Web based Application will be developed for online application submission and issuance of SIP
2. Status alerts will be Sent to Importer through SMS/Email for change of status .
3. E-payment facility will be provided .
4. MIS report will be available.
5. Registration of Importer (linkage with DGFT)

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Aims at

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Service – 6 (8)

Information dissemination to NPPO of other Countries;

AS-IS

Manual Process – paper based.

To-Be

1. Web based access will be provided to NPPO of other countries to verify the Export certificate issued by Quarantine Department

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Service – 6 (9)

Dissemination of information to linked services;

To-Be

1. linkage to DGFT to access IECCode
2. Linkage to APEDA to access – Exporter Registration
3. Linkage to APEDA to access LAB report
4. Linkage to EIC to access Cropping year
5. Linkage to EIC to access certificate issued by EIC.
6. Linkage to Commodity Board to access license/registration certificate issued by Commodity Board
7. Linkage to FSSAI to access license issued by FSSAI

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Service – 6 (10)

Public Grievances and Management

(through SMS, e-Mail, IVRS, Kisan Call Centre, CSCs, Service Portal, e-Post , PIFCs, Farmers Training Centes, Farmers Club, etc)

AS-IS

1. No appreciatable Computerised System available
2. Manual process – paper based
- 3.

To-Be

1. Portal with Work flow system (subject based)
- 2.
- 3.

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Aims at

Electronic Certification of Export and Import

1. Ministry of Agriculture
 - Department of Agriculture and Cooperation, Ministry of Agriculture
 - Department of Animal Husbandry, Dairying and Fisheries
 - Directorate of Plant Protection, Quarantine & Storage (DPPQS)
 - Regional Plant Protection & Quarantine Station (RPPQS)
 - Directorate of Marketing & Inspection (DMI) Faridabad
 - Animal Quarantine and Certification Services Station
 - Animal Disease Diagnostic Laboratories
 - State Department of Agriculture, Horticulture, Animal Husbandry & Fisheries
 - National Bureau of Plant Genetic Resources (NBPGR)
 - ICAR Research Institutions and State Agricultural Universities
 - PSC Issuing Authorities
 - Pesticides Residues Laboratories
 - Plant Tissues Culture Laboratories
 - Quality Control Testing Laboratories

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Aims at

Electronic Certification of Exports and Imports

2. Ministry of Commerce

- Director General of Foreign Trade, Department of Commerce
- Agricultural & Processed Food Products Export Development Authority (APEDA)
- Marine Products Export Development Authority (MPEDA)
- Vegetable Fruit Promotion Council, Export Promotion Councils, Export Inspection Council
- Commodity Boards, Export/Import Trade Associations

3. Ministry of Food Processing Industries

- NIFTM

4. Customs Department

5. Ministry of Health

- Quality Assurance and CODEX Standards,
- Food Safety Standard Authority of India

6. NPPO of other countries, Embassy

7. Importers and Exporters of Agriculture Produce, Livestock & Fisheries within the country and Citizen interested in Agricultural trade

8.

9.

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The following deliverables will be envisaged during the life cycle of the project:

- Detailed SRS Document
- Detailed Technical Requirements Specifications Document
- Systems Design Document (SDD)
- Software Test Plan Document
- Software Acceptance Plan Document
- Project Reviews and Progress Reporting
- Manuals (Operations, User, System Administration)
- Training Plan for Use of ICT and ITES
- Capacity and Capability building through Training
- Software on CD with Manuals
- Warranty Support for Six months
- Change Management Documents

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AIMs at

- 1.
- 2.
- 3.

Electronic
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Questions & Answers

- A. SRS Document available at <http://dacnet.nic.in/AMMP/service-06-SRS.doc>
- B. Presentation slides at <http://ammp.dacnet.nic.in/service-06.pptx>

Service Project Team :-

A. Central Team

1. Smt. Pratibha Lokhande, Technical Director & national Project Coordinator (NeGP-AMMP)
2. Dr.A.K. Choubey , Sr. technical Director
3. Shahid Hassan Pr.Systems Analyst (Service Coordinator)

B. State Level team

1. Smt. M. Kasthuri , Technical Director, NIC, Thiruvananthapuram
2. Shri M. Mahabala Shetty, Senior Technical Director, NIC, Bangaluru
3. Smt. Lakshmi Prasanna, Principal Systems Analyst, NIC, Mumbai
4. Smt. Gauri Honrao, Technical Director, NIC, Pune
5. Shri A.N.Siddiqui, Technical Director, NIC, Bhopal
6. Shri Loukesh Kumar, Technical Director, NIC, Ranchi
7. Shri Sandeep Kumar, Technical Director, NIC, Shimla

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Thank You



1. Department of Animal Husbandry, Dairying and Fisheries, New Delhi

- 1. Provide information on Certification Procedure for Import and exports of Plants and livestock products;**
- 2. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products;**
- 3. Automation of Quarantine Certification Process for Export of Pet animals ;**
- 4. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products;**
- 5. Automation of Quarantine Certification Process for Import of Pet animals ;**
- 6. Automation of Issuance Process for SIP of Livestock Product;**
- 7. Accessibility of Export Certificate to NPPO of other Country ;**
- 8. Dissemination of information on linked services;**
- 9. Grievances Redressal and Management;**
- 10.**
- 11.**
- 12.**

2. Assam

1. Provide information on Certification Procedure for Import and export of Plants, livestock and their products;
2. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products;
3. Automation of Quarantine Certification Process for Export of Pet animals ;
4. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products;
5. Automation of Quarantine Certification Process for Import of Pet animals ;
6. Automation of Issuance Process for SIP of Livestock Product;
7. Accessibility of Export Certificate to NPPO of other Country ;
8. Dissemination of information on linked services;
9. Grievances Redressal and Management;
- 10.
- 11.

3. Himachal Pradesh

1. Provide information on Certification Procedure for Import and exports of Plants and livestock products;
2. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products;
3. Automation of Quarantine Certification Process for Export of Pet animals ;
4. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products;
5. Automation of Quarantine Certification Process for Import of Pet animals ;
6. Automation of Issuance Process for SIP of Livestock Product;
7. Accessibility of Export Certificate to NPPO of other Country ;
8. Dissemination of information on linked services;
9. Grievances Redressal and Management;
- 10.
- 11.

4. Jharkhand

1. Provide information on Certification Procedure for Import and exports of Plants and livestock products;
2. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products;
3. Automation of Quarantine Certification Process for Export of Pet animals ;
4. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products;
5. Automation of Quarantine Certification Process for Import of Pet animals ;
6. Automation of Issuance Process for SIP of Livestock Product;
7. Accessibility of Export Certificate to NPPO of other Country ;
8. Dissemination of information on linked services;
9. Grievances Redressal and Management;
- 10.
- 11.

5. Madhya Pradesh

1. Provide information on Certification Procedure for Import and exports of Plants and livestock products;
2. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products;
3. Automation of Quarantine Certification Process for Export of Pet animals ;
4. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products;
5. Automation of Quarantine Certification Process for Import of Pet animals ;
6. Automation of Issuance Process for SIP of Livestock Product;
7. Accessibility of Export Certificate to NPPO of other Country ;
8. Dissemination of information on linked services;
9. Grievances Redressal and Management;
- 10.
- 11.

6. Maharashtra

1. Provide information on Certification Procedure for Import and export of Plants, livestock and their products;
2. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products;
3. Automation of Quarantine Certification Process for Export of Pet animals ;
4. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products;
5. Automation of Quarantine Certification Process for Import of Pet animals ;
6. Automation of Issuance Process for SIP of Livestock Product;
7. Accessibility of Export Certificate to NPPO of other Country ;
8. Dissemination of information on linked services;
9. Grievances Redressal and Management;
- 10.
- 11.

6. Karnataka

1. Provide information on Certification Procedure for Import and export of Plants, livestock and their products;
2. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products;
3. Automation of Quarantine Certification Process for Export of Pet animals ;
4. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products;
5. Automation of Quarantine Certification Process for Import of Pet animals ;
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7. Accessibility of Export Certificate to NPPO of other Country ;
8. Dissemination of information on linked services;
9. Grievances Redressal and Management;
- 10.
- 11.

7. Kerala

1. Provide information on Certification Procedure for Import and export of Plants, livestock and their products;
2. Automation of Quarantine Certification Process for Export of Livestock & Livestock Products;
3. Automation of Quarantine Certification Process for Export of Pet animals ;
4. Automation of Quarantine Certification Process for Import of Livestock & Livestock Products;
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