Enhancing logistics capabilities based on existing portfolio

Supporting day-to-day business and all types of operations across the enablement spectrum

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NCI Agency

Connects NATO, Nations & Forces

- We are NATO’s technology and cyber leaders.
- We help NATO Nations communicate and work together in smarter ways.
- Our solutions underpin NATO’s ability to perform Article IV (consultation) and Article V (command and control).
The Netherlands – leader in flowers and plants

• Area of greenhouses ~10,000 ha

• Area of the municipality of Haarlem ~3,200 ha

• Total worth of flower export ~ EUR 6 bln

• 2.1% of total national export, EU-15 0.1%

• Number of exporting companies ~ 700
Keeping the business running

- Key enabling processes
  - Business (operational) processes
  - Organizations
  - Technologies
  - Information
Putting it together => Flora Functional Services (Flora FS)

Logistics Applications
- Logistics Coordination
- Supply & Services
- Movement & Transportation
- Infrastructure Engineering
- Support

Disease Control Applications
- Disease Control Planning
- Disease Control Management
- Plants and Flowers Health Surveillance

Budget & Finance Applications
- Financial Management
Logistic Applications

Objective:
“To provide the flower industry with the greatest logistics flexibility for the conduct of its operations”

• Optimum use of existing assets and capabilities;
• Additional functionality for the requirements that are not currently supported;
• Logistics situational awareness;
• New technologies;
• Prevention of degradation.
Disease Control Applications

- More efficient use of research and treatment facilities;
- More efficient allocation of resources;
- Improved efficiency of logistics support through collective provision;
- Improved decisions taken by the Disease Control Authority;
  - Based on multi-source information;
  - Disease Reporting containing timely and aggregated information.
Budget & Finance Applications

• Flexible reports and charts;
• Means of internal control and governance;
• Streamlined financial statements;
• Improved suppliers management;
• Improved management and tracking of projects and costs;
• Improved Budget Planning;
• Documents from mobile devices.
FLORA FS Programme

Common Enablement Services

Candidates for Re-use
- Agri FS
- Flora Supply System
- Alfa Flower Logistics
- Beta Plant Disease Control
- Gamma Common Services

Legacy systems as potential re-use candidates

Salvaged Systems

Budget and Finance
- Integrated Logistics Support Services
- Movement & Transportation
- Disease Syndrome Surveillance
- Contamination Tracking
- Common Disease Registry

T-1

Multi Nations Support
- Movement & Transportation 2
- Reporting (Logistics & Medical)
- Contamination Rate Estimation
- Volume Loss Estimation

T-2

Asset Tracking
- Collaborative Planning Platform
- Infrastructure & Engineering Information Management
- Disease Control Status

T-3

Tranche Structure
Legacy systems as potential re-use candidates

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- Flora Supply System
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- T-1
- T-2
- T-3

Common Enablement Services
Sizing and Estimating the SIPS (Software Intensive Projects)

• ~ 2,500 requirements (Flora FS)

• ~ 450 requirements (Tranche 1)

• 9 applications

• 97-17 reqs/app

• Function Point Analysis (IFPUG)
SEER for SEM model

- **Platform:**
  - Business and Non-Critical Management Information System

- **Application:**
  - Decision Support System

- **Acquisition methods:**
  - General – new and pre-existing;
  - Modification, Major;
  - Salvage Code

- **Development Method:**
  - Agile
SEER for IT model

• Deployment:
  • Production Environment;
  • Test Beds

• Data Migration;
  • Uninterrupted service

• Training:
  • Lot of users;
  • Class and eLearning;

• Documentation:
Generating Type B Cost Estimate

- Project Cost Summary;
- Expenditure Profile;
- O&M;
- LCC
Question Time

Your Questions, Please.

Please keep yourself up-to-date, visit:

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