



# ePhyto: NZ “Country Presentation”

“The 2<sup>nd</sup> IPPC Global ePhyto Symposium”

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*Growing and Protecting New Zealand*



# Overview

- Objective?
- The Hub: NZ perspective!
- MPI's ePhyto system
- The Future for MPI's Export System (+ ePhyto)
- Why?
- Key Change!



# Objective?

## **Enabling G2G “Two Way” Electronic Transfer of Certification Information**

**(More timely, accurate & secure)**

**An IPPC initiative**

# The Hub: NZ Perspective!

- Smart electronic Post Office  
Receiving & Relaying ePhytos
- Apply the KISS principle  
(keep it simple Simon)
- Only read & act  
on the sender & receiver  
addresses
- For an unknown address,  
“Return to Sender, Address Unknown”



# MPI's ePhyto System

- Operates on a web-based application
- Provides secure electronic exchange of phytosanitary certification information.
- Application components consist of IT coding that holds;
  - The business rules as per ISPM12 Appendix 1 ,
  - The building blocks needed for the user interface,
  - A web server,
  - A database recording user inputs (certificate records) and system information (e.g. user permissions),
  - Also produces hard copy certificates
  - XML output (UN/CEFACT SPS Schema
  - Simple electronic exchange security (SSL)



Will soon receive ePhytos from other NPPOs

# The Future for MPI's Export System (+ ePhyto)



- It is unique (tailored) to address our NZ situation & needs!
- Intelligent, effective, flexible, efficient & able to produce range of reports.
- Needs to be electronically linked to a range of internal data bases:
  - NZ's plant pest records
  - Scientific & common names for plants & plant pests
  - Importing country plant health requirements
  - Pest survey information
  - NZ phytosanitary inspection/verification & audit records
  - Exporting countries ePhytos (Business intelligence)
- Aligned with ISPMs & Hub enabled!!

# Future NZ ePhyto Business Model



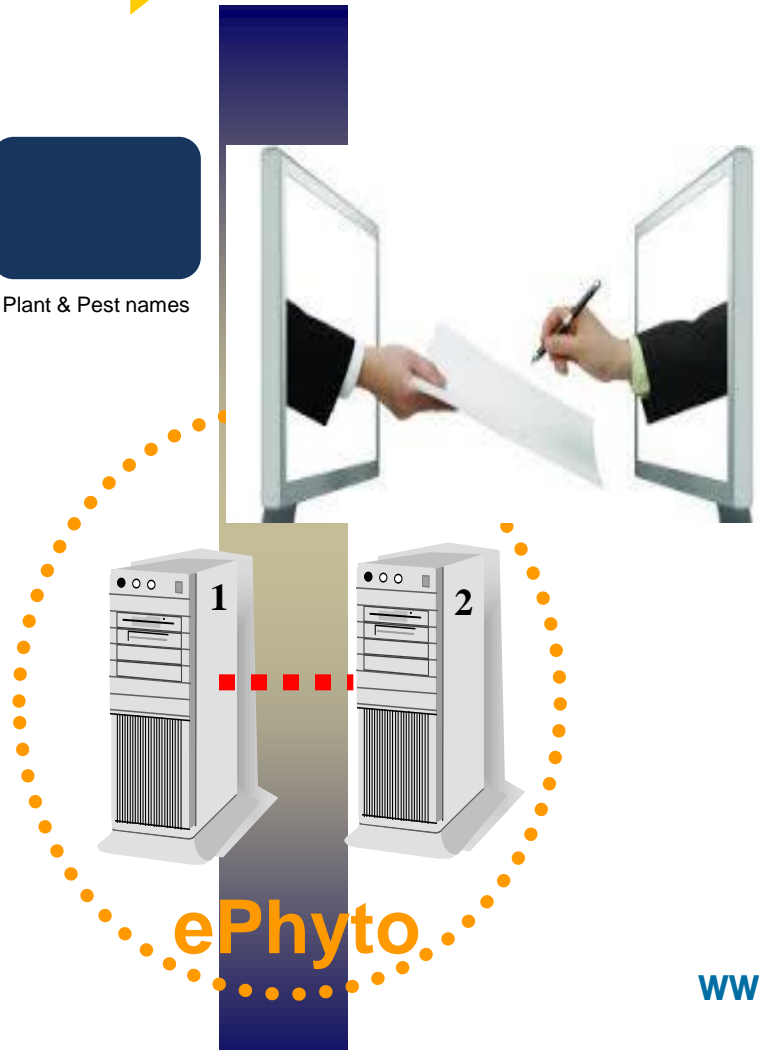
Inspection, verification & audit records  
Pest survey records  
ICPRs  
Plant & Pest names



Business intelligence  
Plant pest records



Crop/product inventory for special programmes  
Register of pathway participants & facilities



# Why?

- Increased complexity in requirements from importing countries.
- Government's decreased appetite for risk but increased need for better risk management.
- More effective "Export & Import System"





# Key change required!

- Ability to receive other NPPO ePhytos (just initiated).
- Hope to align receiving functionality within other MPI Ecert applications to also facilitate receipt of other official SPS assurances.



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# Thankyou

