NSW Ports Port Community System

Purpose: Information
Submitted by: Australia
NSW Ports
Port Community System

Australian Initiative's

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NSW Ports

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**Agenda**

**The 5 W’s.............**

- **Who** is looking at the issues?
- **What** is currently taking place?
- **Where** is it currently covering?
- **When** do we need to move on this?
- **Why** are we bothering.........
Players
- The Port Community System debate is being lead by Ports Australia, under the sub committee – Logistics Working Group
- This is made up of Port Australia, Brisbane Ports, Freemantle Ports and NSW Ports, with assistance from the NSW Government (CMCC/PBLIS)
- Freemantle Ports obtained funding through the WA CC to do a feasibility study of PCS for Australia, which NICTA performed.

What is NICTA?
- Australia’s National Centre of Excellence in Information and Communication Technology
  - 700 Staff, 5 labs, $100m/y revenue
- NICTA objectives
  - Research Excellence in ICT
  - Wealth Creation for Australia
- Transforming Industry
  - Projects delivering over $3bn/y impact on GDP
  - Projects of national scale and impact
- New Industries
  - Fourteen spin-outs, working with ICT SMEs
  - A new NICTA company every three months
- Skills and Capacity
  - 22 University partners, 280 PhD Students
Key Findings – State of the Nation

- 18th in global logistics performance
- 92nd in cost to export a TEU
- 70th in cost to import a TEU
- 77th in number of documents to import a TEU
- 51st in number of documents to export a TEU
Why?

- Up to 120 transactions for import and export of a single container
- However info highly repetitive
- Sample: 30 documents (two shipping lines and a freight forwarder)
- 750 data items – only 50% are unique, repeated 50%
- Container no., consignee, vessel and voyage no etc.

Methodologies

- Analysis of International Case Studies
- Extended Consultation process
  - Face-to-face interviews with key Supply Chain Participants (SCP) – 27 interviews (minimum 1 hr)
  - Three interactive workshops (Sydney, Melbourne and Perth) – 115 attendees
  - On-line survey – 35 valid questionnaires
- Engaged 177 individuals and/or companies
- 1st October – 6th December
- Final submission of deliverable: 16th January 2014
Current Systems

What the Diagnostics Demonstrated

<table>
<thead>
<tr>
<th>Identify Container Supply Chain Inefficiencies</th>
<th>Means for addressing the inefficiencies - Role of a NPCS</th>
<th>Quickest and least expensive means to develop a NPCS</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Fragmented Supply Chains</td>
<td>- Develop a National Port Community System</td>
<td>- Building a NPCS is a long-term process</td>
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<td>- Use of multiple (non-integrated) platforms to fulfil essential formalities</td>
<td>- Eliminate cost and delay in information exchange</td>
<td>- Develop a framework to identify suitable stakeholders</td>
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<td>- High number of communication channels</td>
<td>- Benefits widely demonstrated on a global basis</td>
<td>- Propose 5 governance-operational models</td>
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<td>- High rate of manual transactions</td>
<td>- For Australia a question of feasibility</td>
<td>- Propose a services portfolio</td>
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<td>- Extensive re-keying of information</td>
<td>- Brownfield project</td>
<td>- Funding &amp; Fees</td>
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<td>- Extensive amendments</td>
<td>- Great opportunities to optimise port supply chains</td>
<td>- Inconclusive</td>
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<tr>
<td>- Low visibility of related transactions</td>
<td></td>
<td>- Detailed future roadmap: Short Term &amp; Long Term</td>
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<td>- Unnecessary truck movements</td>
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This is not an IT project. It is a change management process.
Who is NSW Ports?

- NSW Ports is a consortium of leading institutional investors and represents more than 80% Australian superannuation funds. The NSW Ports consortium comprises:

<table>
<thead>
<tr>
<th>IFM Investors (IFM)</th>
<th>Australian Super Pty Ltd</th>
<th>Tawreed Investments (Tawreed)</th>
<th>Global Infrastructure Partners (GIP) on behalf of The State Public Sector Q Super</th>
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<tr>
<td>45.01%</td>
<td>20%</td>
<td>19.99%</td>
<td>15%</td>
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NATIONAL PORT COMMUNITY SYSTEM
Thank You

Adem Long

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