Developing a global Configuration Management function at Tetra Pak[®]





"Envisioning standardized baselines, a global common top-level product structure and a clarifying definition of product ownership"



Business Transformation Process

For introducing the new engineering capability "Configuration Management"



Business Transformation is about achieving a step change in performance



The Product Creation key Elements

Tightly integrated

Project Governance





Project Line Operating Model



* Only applicable on Pack. Mat. and Conv. Eq. Um/20



Systems Engineering

A maturing capability group asking for more structured configuration management





Present in more than 170 countries and operations in all continents





Total world deliveries 2015













Popular consumer packaging

184 billion Tetra Pak[®] packages sold in 2015





- Main gaps defined
- ► The CM project vision
- The CM Project strategy
- ► The CM Project challenges





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Gap 1: Product information traceability



Why was the product developed, which were the user needs?



Exactly which design was approved at a specific S-DRM five years ago & what was the rational?



Under which conditions can we guarantee that the product functions as specified?



Distance from the tube

How do we repeat the exact same test if needed?

How much of the product configuration was changed in a specific PD project and why?

<u>Objective</u>: For each product we can find *documented answers* for these types of questions (ALSO AFTER 5 YEARS)



Gap 2: Project over product

Basis for decisions and knowledge documentation



Plenty of hand-over without proper information



<u>Objective</u>: Process to ensure link between requirements, design and tests for the <u>complete product</u>



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Scope definition

Configuration Management

Develop the product breakdown structure in PDMLink required for configuration control

Develop the CM process for baseline creation & change control

Define the roles required for this process

TO-BE 1 <u>Product structure</u> with relevant information in PDMLink



TO-BE 2

<u>Process</u> to create and control formal baselines in PDMLink



TO-BE 3

<u>Roles</u> to create and control formal baselines are described





To-Be: Product structure

Technical Ownership, Decisions & Documentation structure





High-level Configuration management process (workflow) designed



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Draft Mandatory Baselines with information content

To ensure quality, interface checks and traceability





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The main Challenges









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AND The Business Case to be prioritised...

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