



PRESENTATION

EMPTYES / BOX SYSTEMS

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Most pool systems in Europe focus a special product group

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- Fruits & Vegetables
- Fresh Meat
- Bakery Products
- Dairy Products
- Non Food
- ...

→ For which product group would we expect the highest effects in the Baltic states when we would change to a pool system???

Preliminary Step:

Evaluation of the existing situation by the „Lead Partners“

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▪ Quantities

for example number of crate-types and number of crates due to supplier and due to the focused product group (fresh goods, bakery, meat, etc.)

▪ Quality

for example necessary handling processes, do we use partly “wrong crates” today, do we need special crates also for the direct shop placement, etc.

▪ Costs

for example costs caused by crates and empties handling, investment, cleaning, transport, etc.

Key topics of the first evaluation phase

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- Which **product groups** count for the biggest national quantities (with focus on all Baltic states: LT, LV, EE)
- For which products groups do we have **regional suppliers** which could be involved in a pool (import products and foreign suppliers are not easily integrated, so probably it is better to start only with Baltic members)
- Identification of **possible partners**
 - Producers
 - Wholesalers
 - Retailers
 - Etc.
- Identification of product groups and **detailed calculation** on the basis of all supply chains and logistic functions of the partners (QUANTITIES, QUALITY, COSTS)

Development of a common strategy

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Common analysis of the existing situation



Establishment of a common mission statement



Nomination of a „task force“ with responsible from all „lead partners“



Start of a common project to evaluate possible pool systems



Establishment of an action plan for realization



Realization and Implementation

Ideas about how a pool could work like:

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- Establishment of a „POOL-PROVIDER“ which is an own legal entity (pool members could be shareholders)
- Definition of „standard-pool-crates“ (size, material, weight, labeling, etc.)
- These crates can only be used by members of the pool
- Inside the pool the boxes can be exchanged without restrictions between the members
- On each sales transaction of products the crate changes the „holder“ for an agreed „deposit“, but the crate does not change the „owner“ (which is always the pool-provider)
- On each transaction of crates to pool-provider receives an agreed percentage of the „deposit“ to finance the system
- Every pool-member has to bring in crates to the pool, according to an agreed scheme

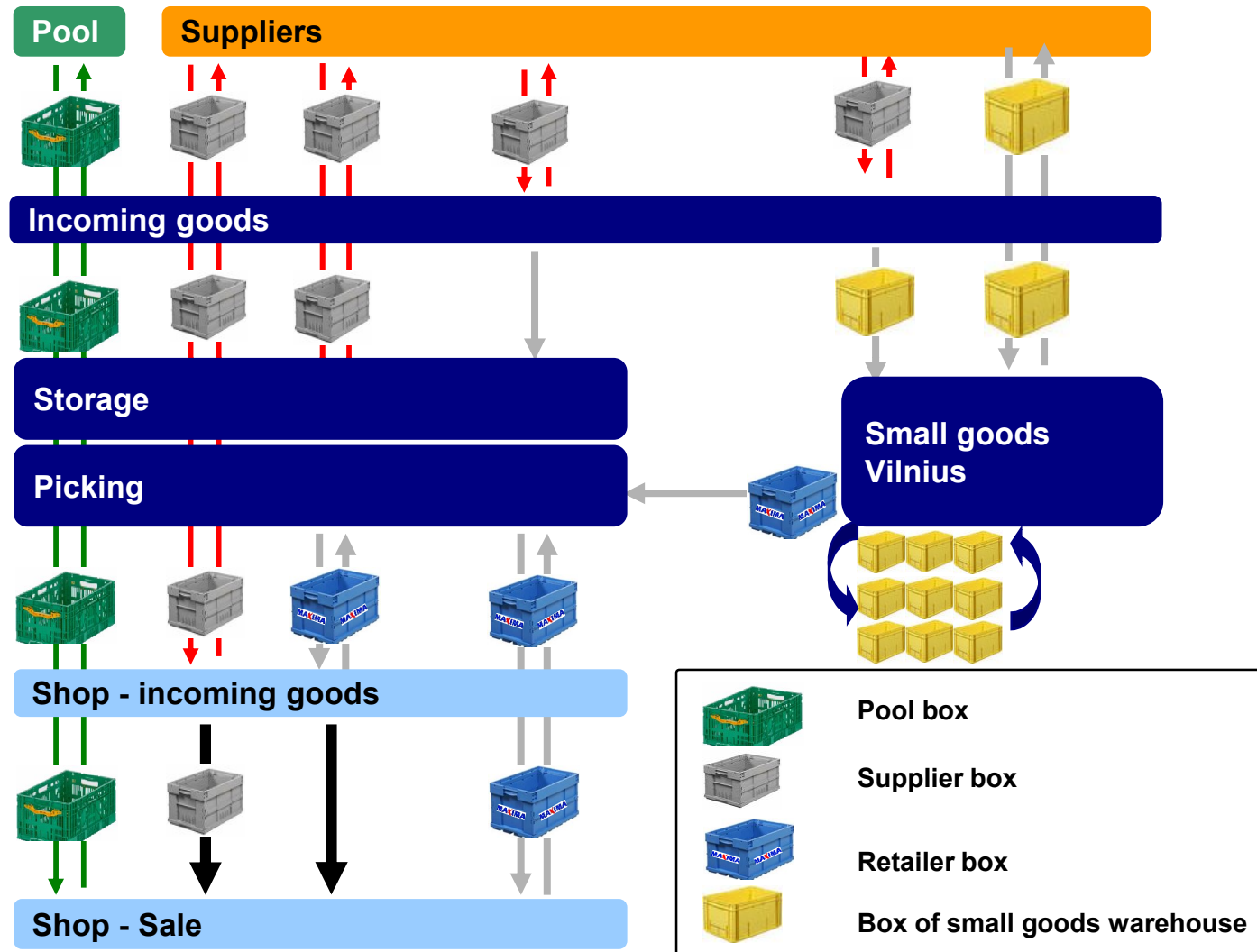
Possible functions of a Pool-Provider:

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- Development of rules for the usage of the pool-system
- Development and further standardization of crates
- Reduction of one-way containers and boxes due to environmental reasons
- Avoidance of waste
- Increasing the quality of the supply chains between producers, wholesalers and retailers
- Providing of statistic data and relevant information for the pool-users
- Consulting and public relations
- Administration of the crates licenses
- Controlling, monitoring and supervision of the pool
- National and international coordination

Detailed Planning of all „Logistic Channels“ where crates are needed

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To define the „right“ crate for the pool is a common task

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→ Look for best-practice in Europe

Material	Plastic		Special materials	
Size	Standard 600 x 400		Special size	
Weight	Very light	Light	High	Very High
Stability	Verly low	Low	High	Very high
Standardization	Standard Crate du to european normations		Special design	
Modularity	Modular crate system (for EU-pallets)		No Modular system	
Possibility for stacking	Cross stacking and line stacking	only one line stacking	Due to a stacking scheme	
Volume reduction	None	Nestable	Foldable	
Identification	Barcode slot	RFID	Color	Printed ID
Options for covers	No cover	Cover possible	Locking an sealing possible	

Thank you!

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