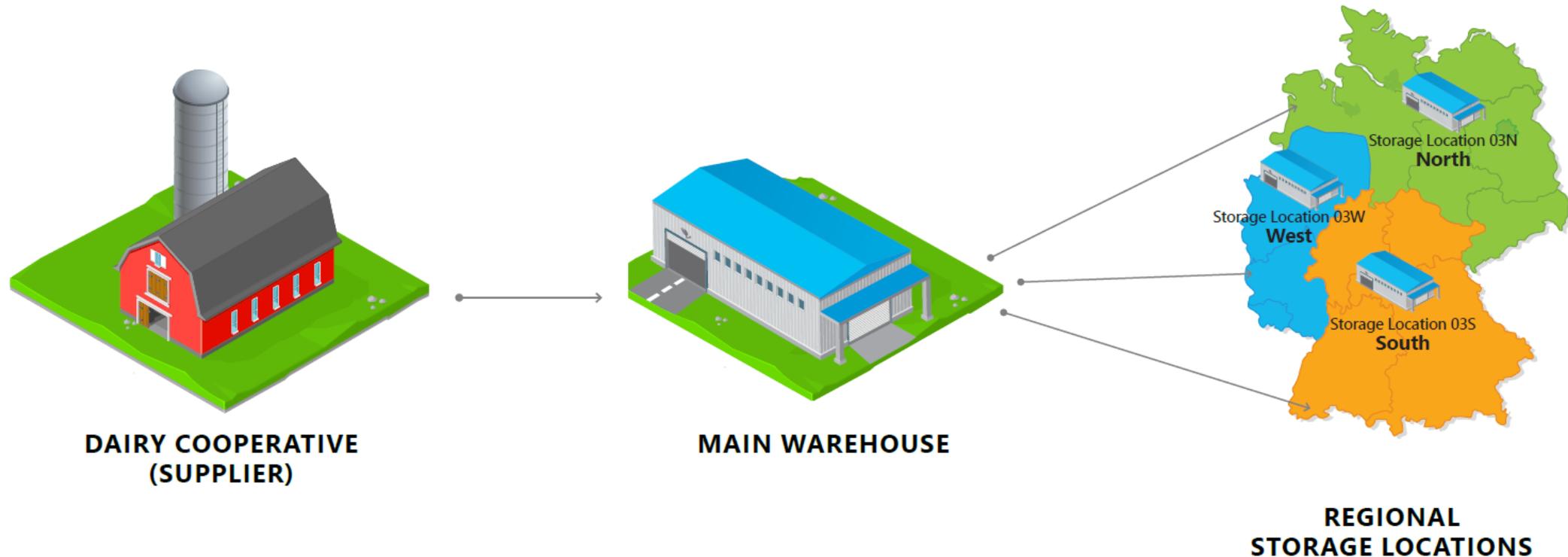# Update: Logistics Sustainability

1. Overview of Logistics Sustainability
2. Changes coming for Beta Phase 2
3. Overview of new transactions in the SAP system
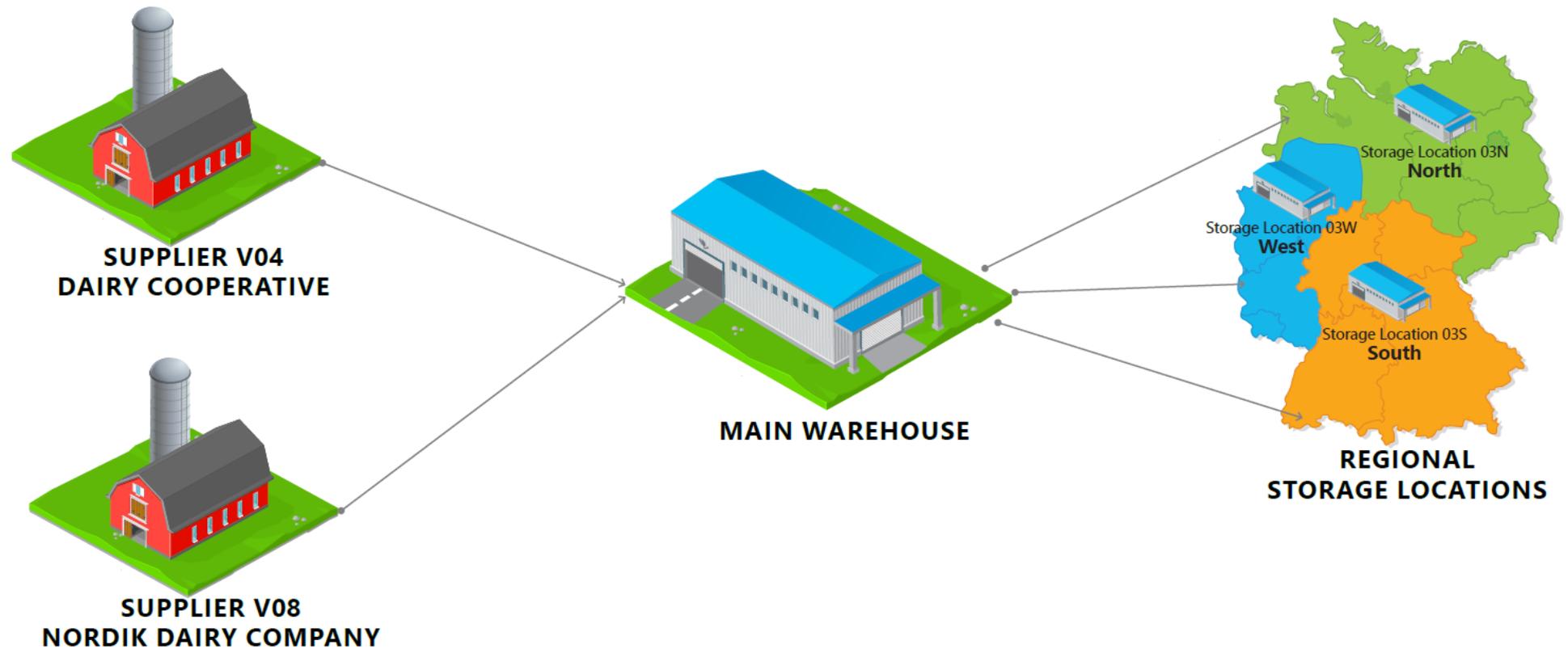
Origin of the ERPsim Sustainability Game

"To help you make better decisions regarding the carbon footprint of your organization, a new Carbon Management System has been implemented and is now available for use."

Standard Logistics Game Structure

DAIRY COOPERATIVE (SUPPLIER) → MAIN WAREHOUSE → REGIONAL STORAGE LOCATIONS

Storage Location 03N North
Storage Location 03W West
Storage Location 03S South

Additional decisions #1:
New Vendor

SUPPLIER V04
DAIRY COOPERATIVE

SUPPLIER V08
NORDIK DAIRY COMPANY

MAIN WAREHOUSE

Storage Location 03N
North

Storage Location 03W
West

Storage Location 03S
South

REGIONAL
STORAGE LOCATIONS

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Additional decision #1: New Vendor

	MILK $$-T01	CREAM $$-T02	YOGHURT $$-T03	CHEESE $$-T04	BUTTER $$-T05	ICE CREAM $$-T06
Product cost (V04)	€22.95	€72.07	€25.85	€82.68	€59.88	€43.15
Product cost (V08)	€21.80	€68.47	€24.56	€78.55	€56.89	€40.99
Initial price	€25.25	€79.78	€28.43	€90.95	€65.87	€47.47

SUPPLIERS		
Vendor	V04	V08
Payment time (days)	5	10
Carbon per unit ordered (kg)	1	0.80
Lead time (days)	1-2	2-4
Transportation cost per order (€)	1000	1800

Additional decisions #2: Sales from main-warehouse

SUPPLIER V04
DAIRY COOPERATIVE

SUPPLIER V08
NORDIK DAIRY COMPANY

MAIN WAREHOUSE

Storage Location 03N
North

Storage Location 03W
West

Storage Location 03S
South

REGIONAL LOCATIONS

DC 16 (CUSTOMERS)

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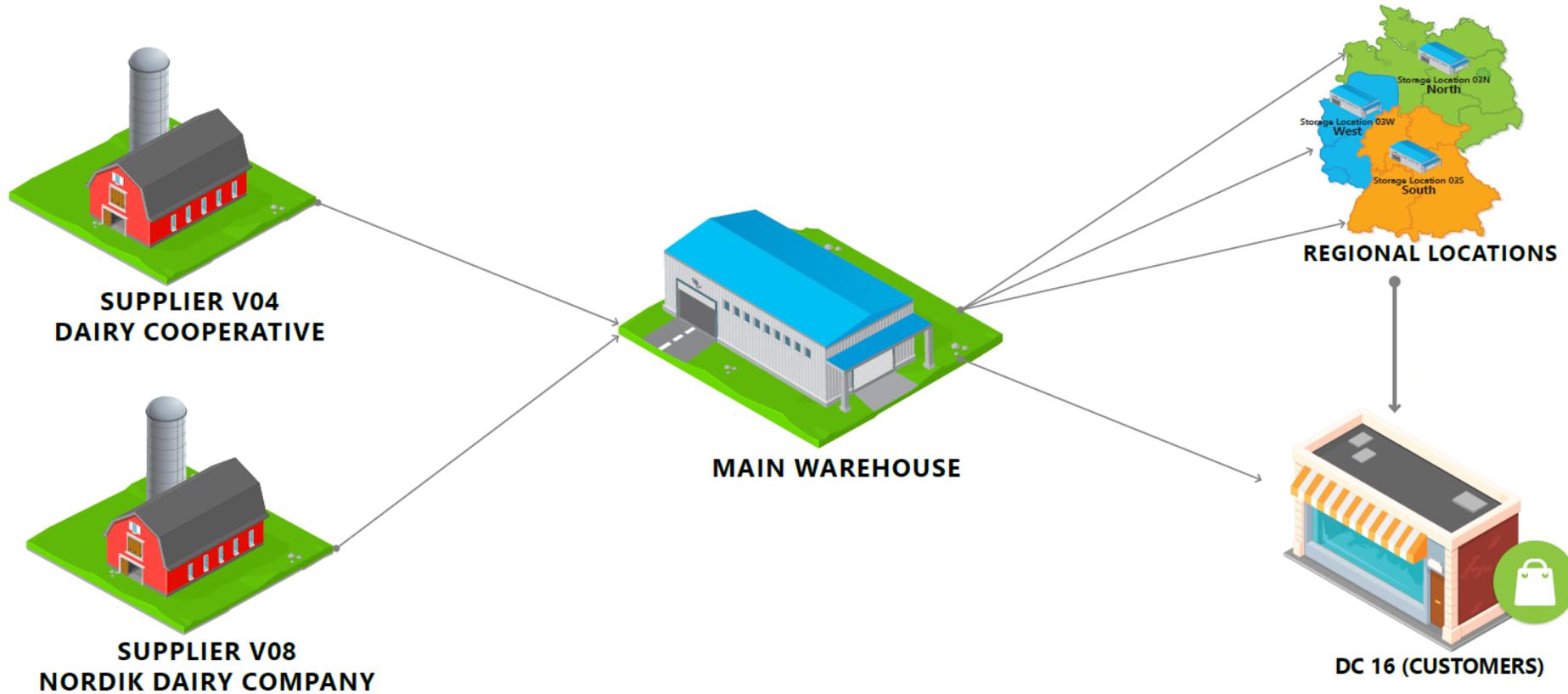
Beta Phase 1: Game Process
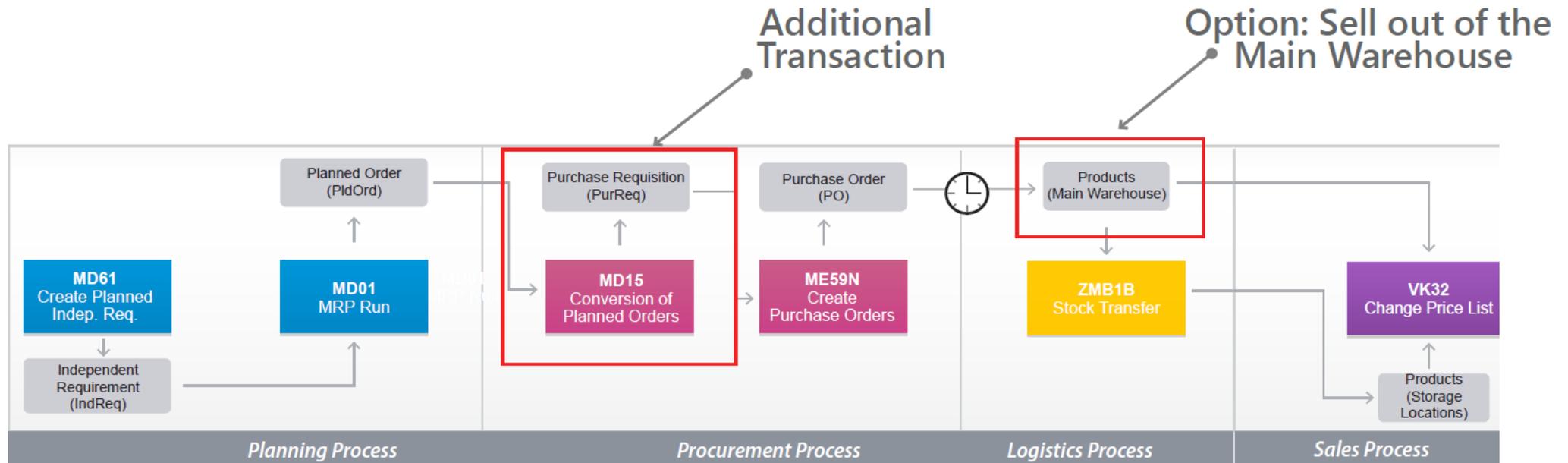
Beta Phase 2: Main Changes

- Simplification of the business process
  - Removal of the MD15 step
  - Direct creation of Purchase Requisitions from MRP
  - Creation of the ZME12 transaction to select default vendors per product
- Creation of a Control Panel in SAP to customize the way you integrate Carbon Footprint in your curriculum.
- First Tuning Pass on the Carbon Values

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SAP System Overview