

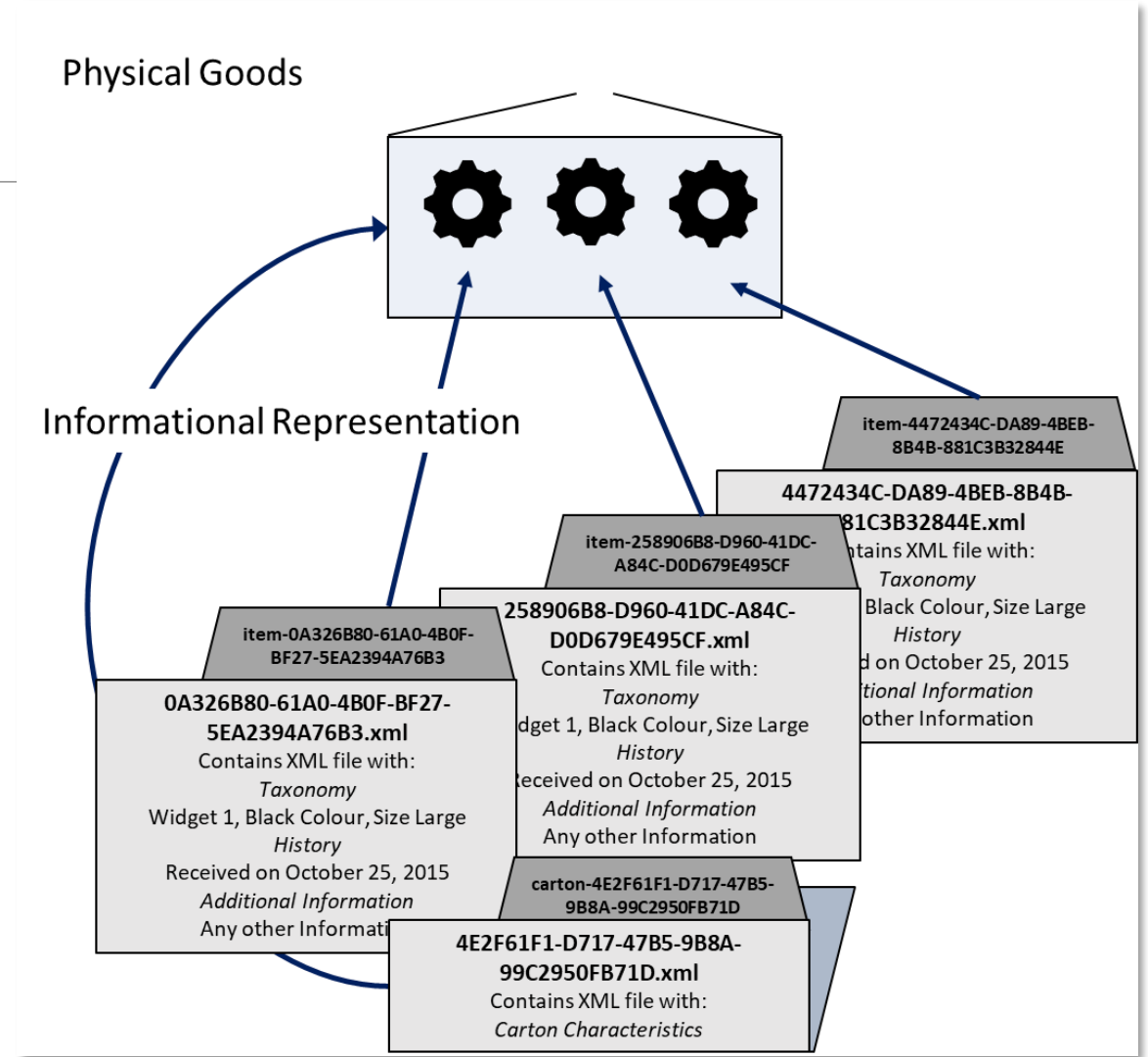
Entity Systems

AND ITS ENTITY MANAGEMENT SYSTEM

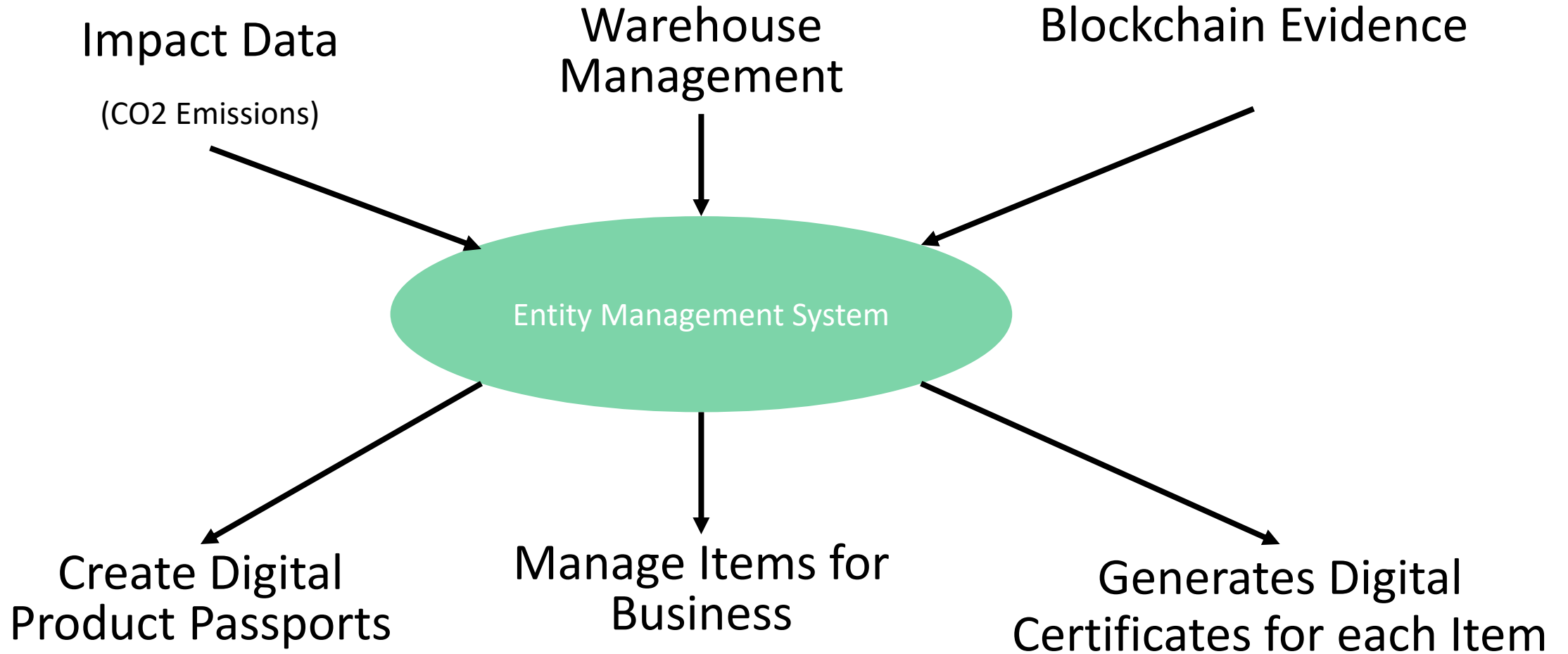
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An Entity Management System is a way of tracking goods within a business

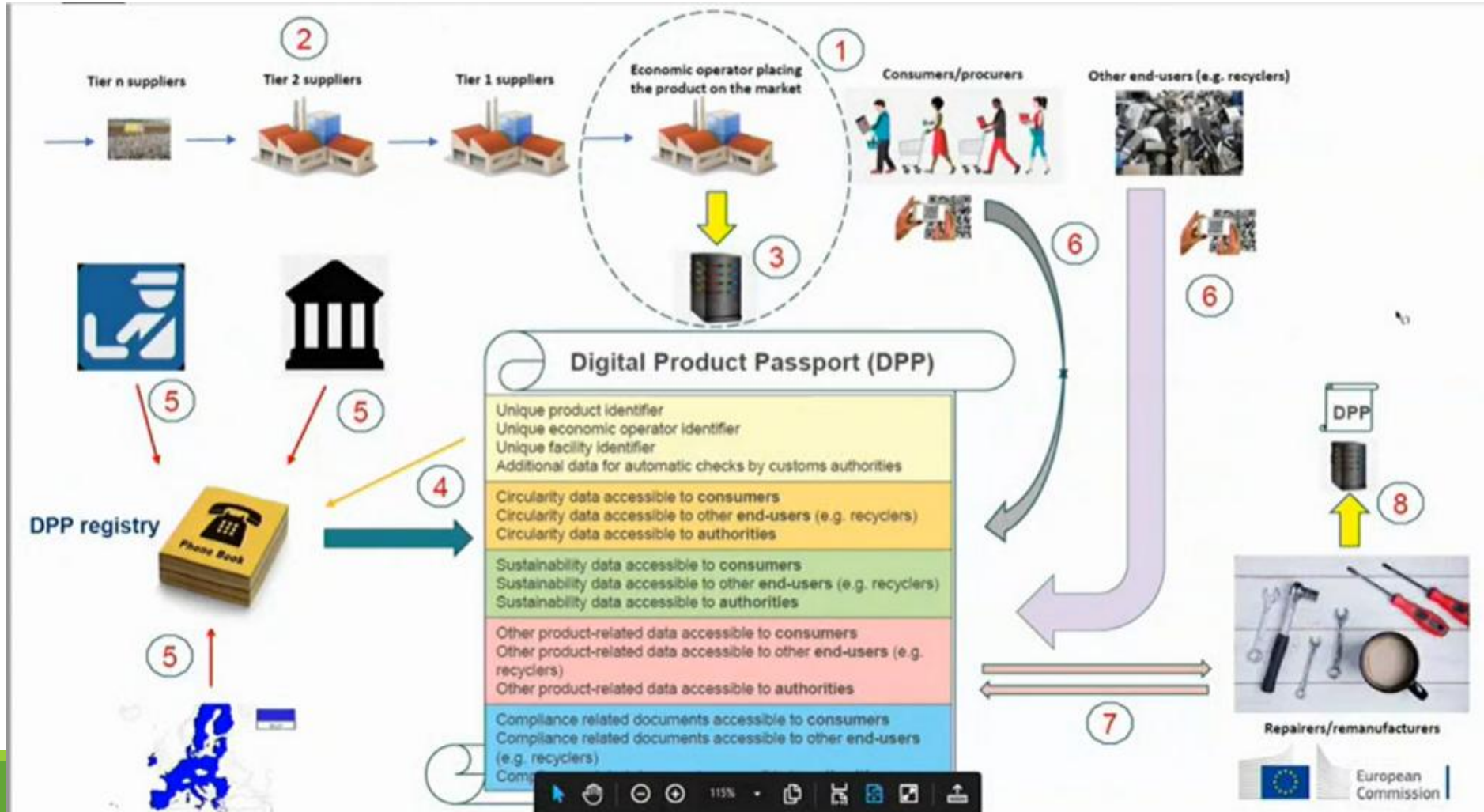
Built on the idea that tracking each
'Entity' / 'Item' is fundamentally better
than tracking Inventory or 'buckets' of
items



Entity Systems Combines



EU Digital Product Passport



What Entity Systems Delivers

Inventory Management

Create / Receive Items

Store Items

Assemble and Ship Orders

Sych with eShop

Process Returns

Digital Product Passports

'Back to Basics' Bathrobe Grey

EU Digital Product Passport

Item Code: 9972e046-c05f-423e-925b-020799a22db

General Product Information

Product Name	'back to basics' bathrobe Grey
Product Code	XJ183
Size	XXL
Material	100% Cotton
Description	Machine Washable, recommend washing above 30 degrees Tumble Dry Iron Safe



Product Image

Environmental Data

This Life Cycle Analysis consists of the manufacture, use and waste stages. The impact generated by 'gate to consumer' is generated by Entity Systems and placed into the Digital Product Passport.

Overall Impact

Overall Carbon Footprint Impact: **36.27 kgCO2eq**

Production Impact

	Emissions	Amount	Emissions per Item
Cotton fibre trade mix (without global airtransport)	7305 per kg	1kg	7305 kg
Electricity General Industry	0.141 per kWh	53.5 kWh	1777 kg
Weaving 70 dtax	10.73 per kg	1kg	10.73 kg
Spinning cotton 70 dtax	7.528 per kg	1kg	7.528 kg
Dyeing, without materials input, Europe	1.162 per kg	1kg	1.162 kg
Production Total			19.780 kgCO2eq

Digital Certificates / Digital Twins

Creation of Digital Certificates to enable sale / re-use between 3rd parties



Patent Application

White Paper

Wordpress Minimum Viable Product

Django Application – In progress

Entity Systems – Progress and Status

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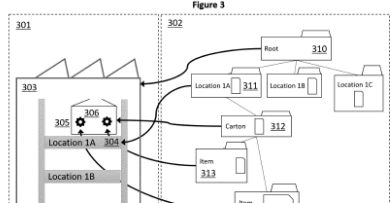

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(54) SYSTEM AND METHOD FOR MANAGING ITEMS, CONTAINERS AND ENTITIES

(57) The present invention relates to a system and a method for managing inventors of goods, containers and entities, wherein


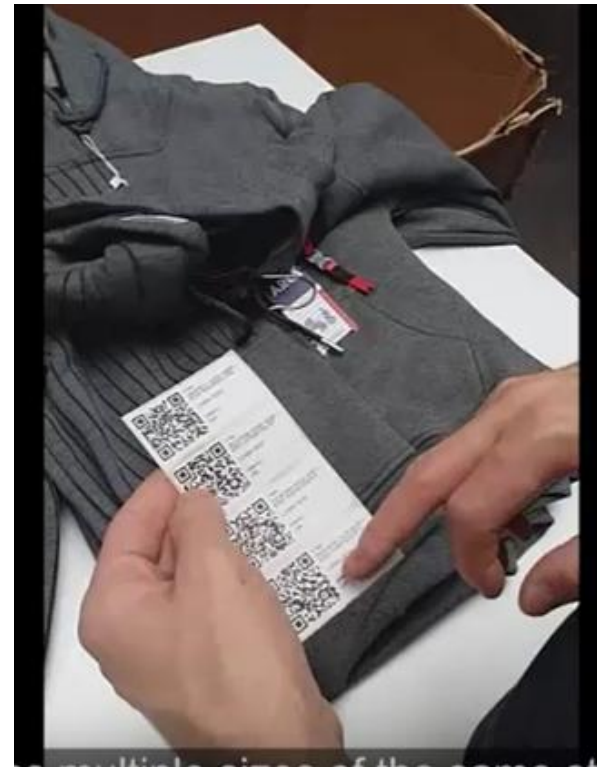
- the system contains a plurality of entities, wherein at least one entity controls at least one item,
- the system contains at least one item folder, wherein one item folder corresponds to one item, and said item folder and said corresponding item are designated by a unique identifier,
- the system contains at least one container folder, wherein one container folder corresponds to one container, and said container folder and said corresponding container are designated by a unique identifier,
- each entity has means for creating a folder structure corresponding to physical grouping of item(s) and/or container(s),
- each entity is equipped by means for making accessible to other entities at least one item folder corresponding to an item, or at least one container folder corresponding to a container, said item or said container being controlled by the entity,
- each entity has means for adding a file containing information about handling of an item by the entity into the item folder, optionally also a file containing information about handling of a container by the entity into the container folder.

THE ENTITY MANAGEMENT SYSTEM

A New Way of Managing Goods:

The Entity Management System and its Rules, Description, and Benefits

127.0.0.1:8000/entity-list/ 90%

Entities

- A01 LocationType: Reserve View the Entity →
- A03 LocationType: Reserve View the Entity →
- A05 LocationType: Reserve