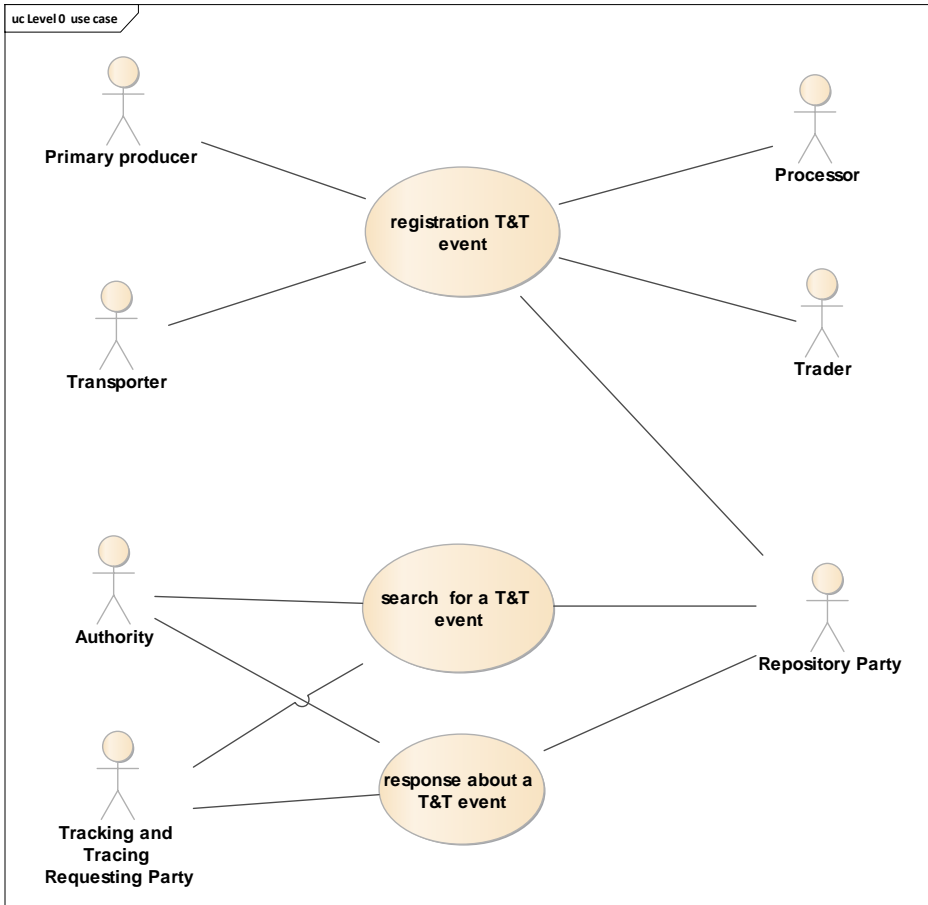


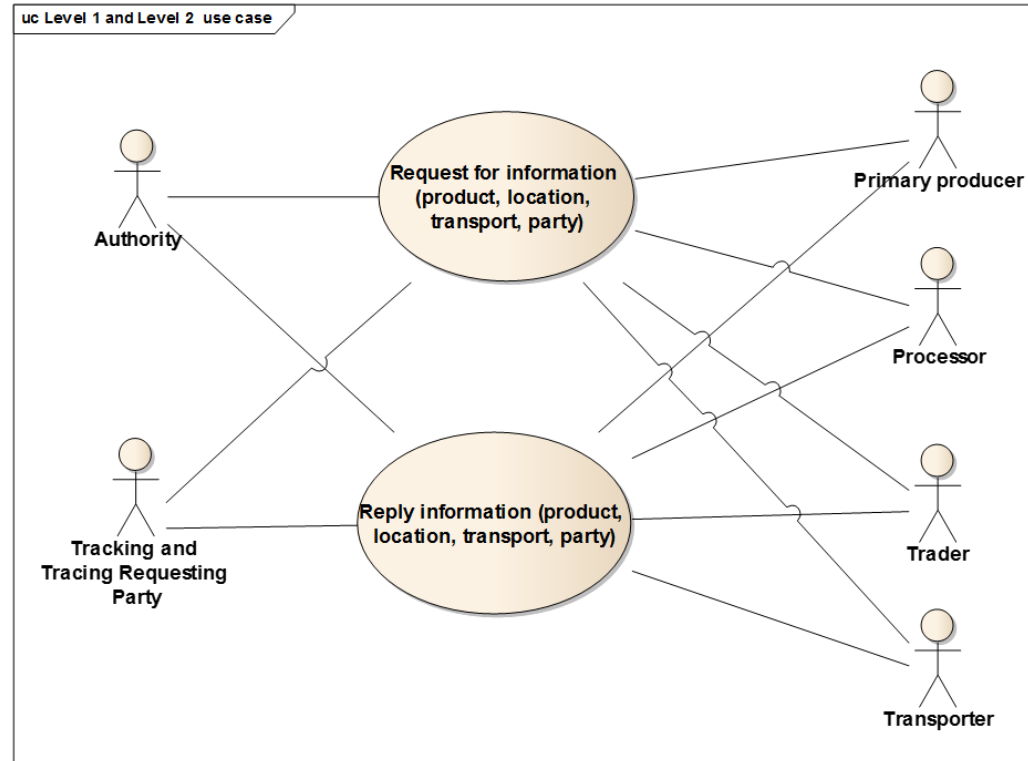
Enhancing Transparency and Traceability for Sustainable Value Chains in the Garment and Footwear sector

Data Model and Standards for information exchange

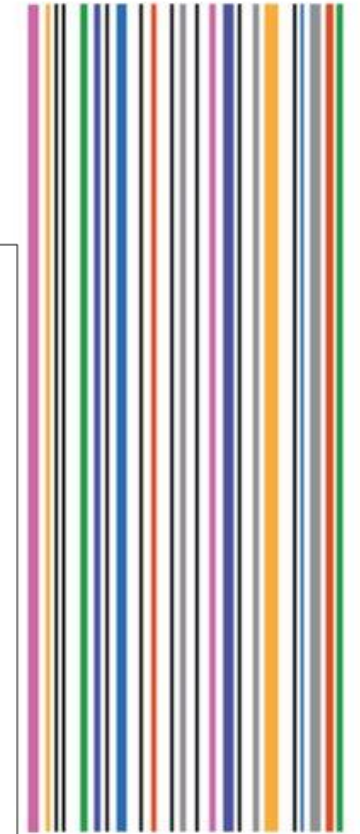




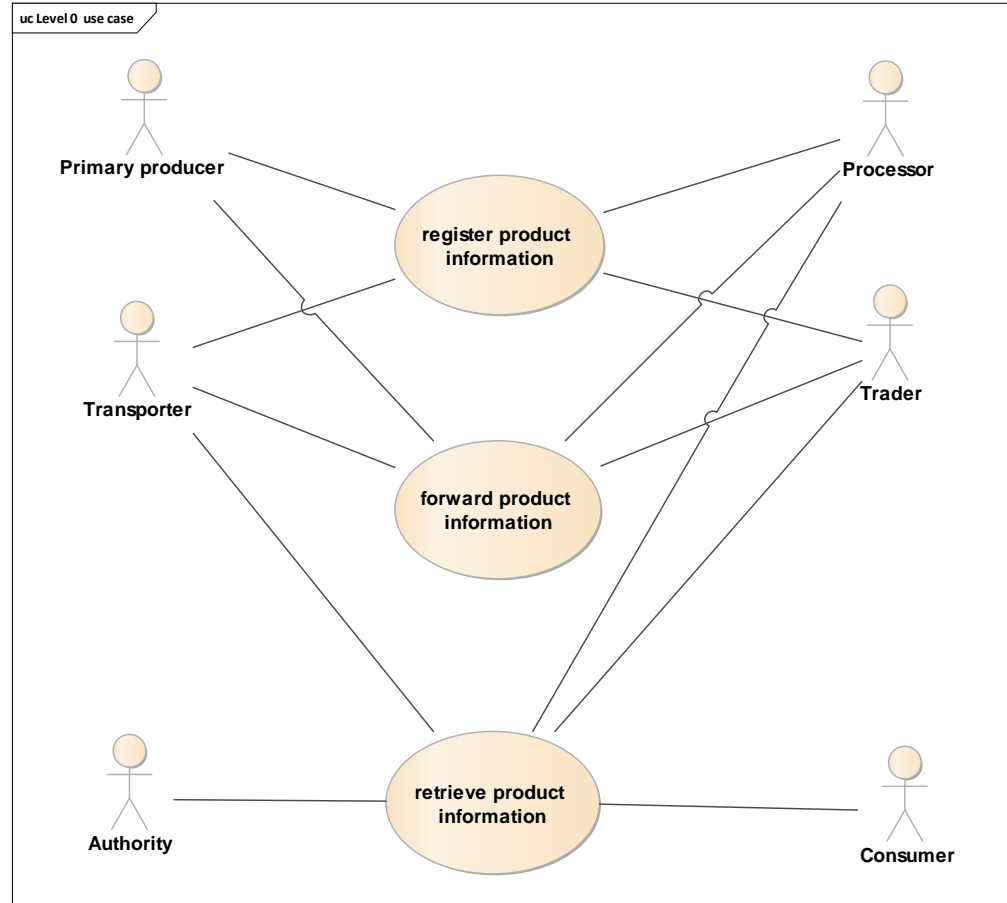
Use case: Registration and retrieval of tracking and tracing events



Use case: request for product information based on tracking and tracing information (from: BRS T&T primary products)



Node to Node Product Information exchange

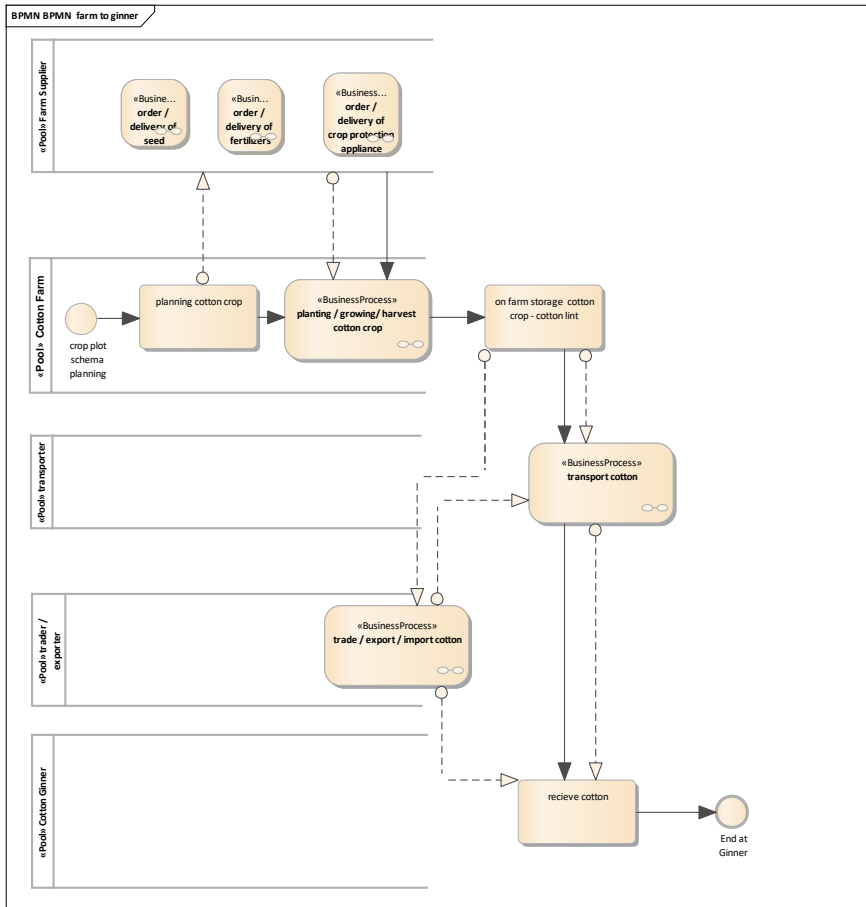


Use case: registration and exchange of product information from node to node



- Actor
- Proces
- Track and Trace: EVENTS :
Who, What, Where, When, Why of a product
- Product Information :
Characteristics of the product , physical, social,
environment, cost-price





each section of the cotton value chain has unique actors, processes and interaction;

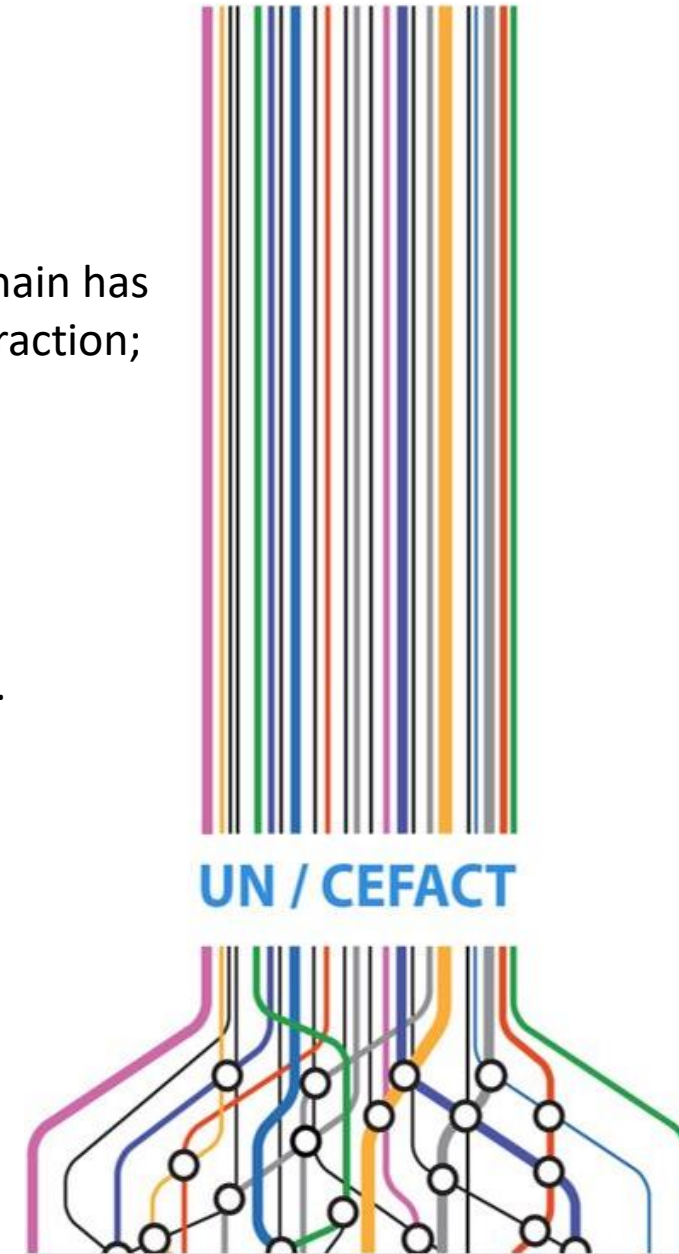
has specific information exchange;

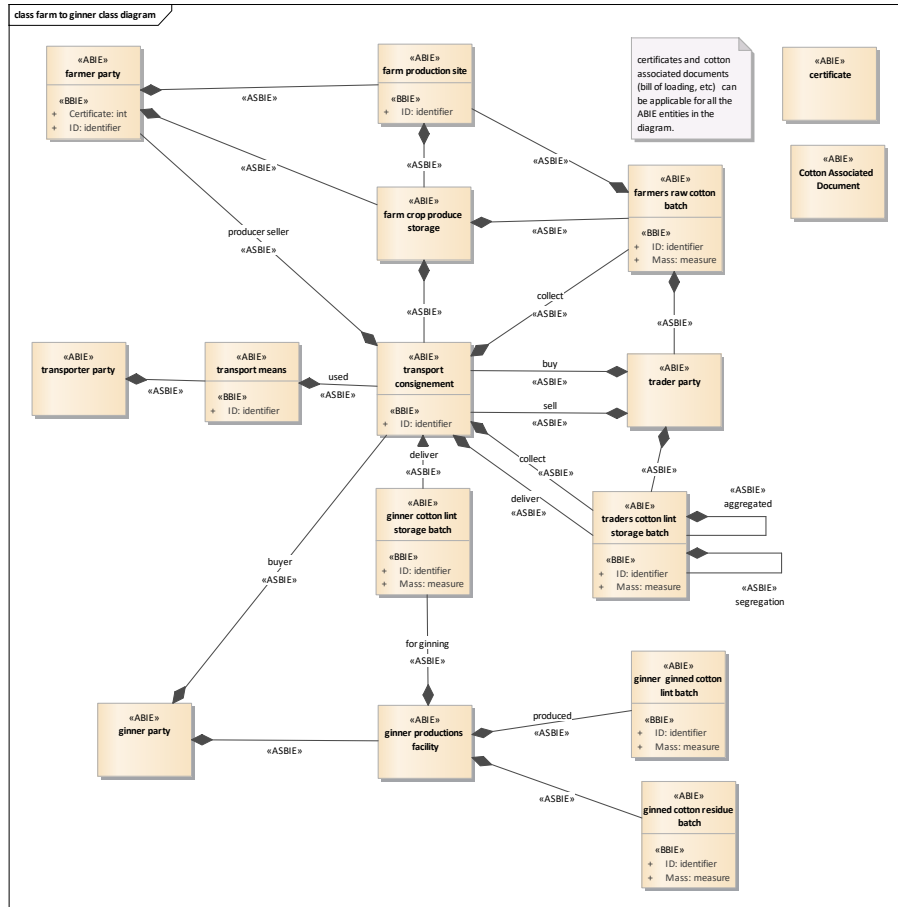
has specific business agreements;

has specific information messages.

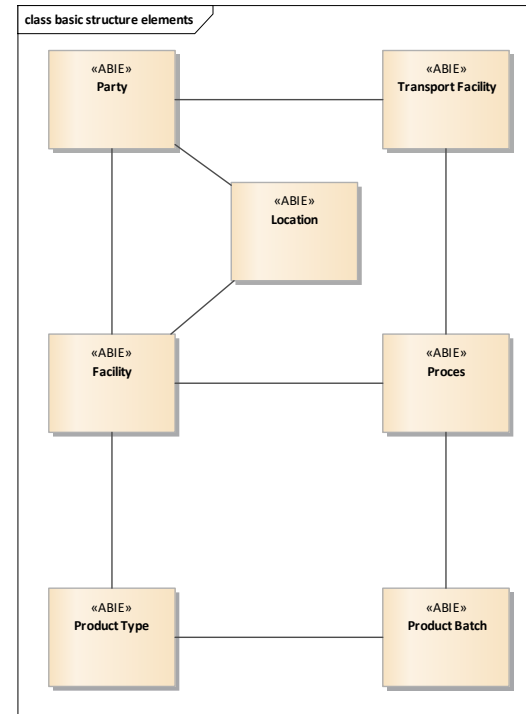
Results:

- loss of information
- no transparency





specific farmer to ginner



abstract farmer to ginner



- support all kind of actors, processes and interactions
- based on common taxonomy (UN/CEFACT CCL)
(a reference model for textile and leather)
- usage of industry defined code lists and enumerations

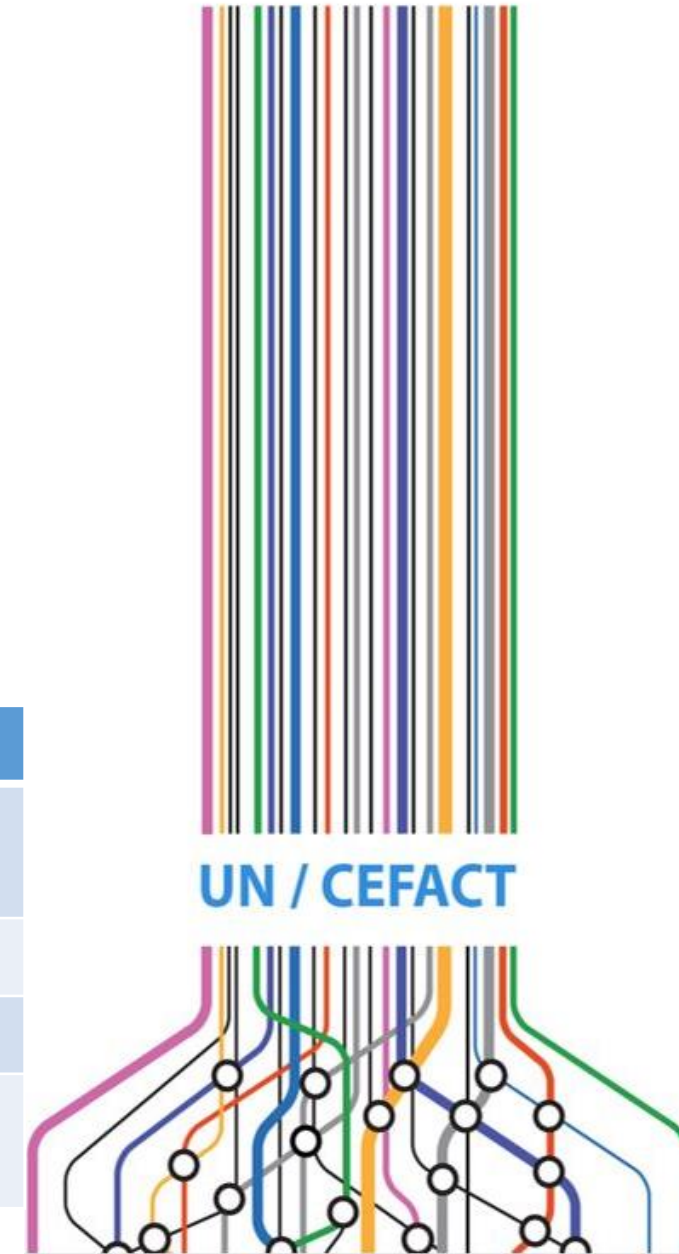
- a message is bases on a subset of the reference model
- a message can be addapted to the specific needs of the partners, without loosing interoperability.



Questionnaire

- survey for practised data elements in the value chain
- survey for code lists and enumerations
- interaction between the value chain partners:
 - what is the supported process (what is the aim of information exchange)
 - what is the exchanged data set (minimal, extended)
 - what should be the exchanged data set.
 - in domains:

| | Party | Facility | Product | Transport | Brand |
|---------------------------|-------|----------|---------|-----------|-------|
| technical characteristics | | | | | |
| social | | | | | |
| environmental | | | | | |
| In case of certification | | | | | |





UN / CEFAC



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Thank you!