

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

Conference Call #6

Sub-groups 2&3
TT Standard Textile & Leather

Progress on key deliverables

Maria Teresa Pisani and project team 29 | 09 | 2020, WebEx Meeting







- 1. Update on the workplan for the business process analysis for plant-based, animal-based and synthetic fibers
- Explanatory Note for the BPA Highlights from the experts' feedback, Virginia Cram-Martos
- BPA for the leather value chain, Deborah Taylor: Update and highlights of experts' inputs for the Leather Value chain report no1
- BPA for the textile value chain, Marco Ricchetti: Update and highlights of experts' inputs
- 2. Update on the Development of the UN/CCL Data Model to support Traceability for Sustainable **Garment and Footwear VC**

Gerhard Heemskerk

3. Next steps, experts' sub-group input, Q&A

Maria Teresa Pisani

#### **Background** documents

**CUE SPACE** 

Explanatory note for Business Process Analysis (BPA) for the value chain and data model for traceability of information exchange Leather value chain report No1 and Generic use case traceability for leather + Glossary Issue 1 Textile and Leather Reference Data Model Business Requirement Specification v0.2 Minutes of the 5th monthly conference call 30.06.2020





#### Project Progress: state of play, Sept 2020



1. POLICY
RECOMMENDATION



2. TEXTILE TRACEABILITY STANDARD



3. LEATHER
TRACEABILITY
STANDARD



4. CAPACITY
BUILDING AND
PILOTS







Section 1. Policy Recommendation Section 2. Implementation

guidelines

Annex. Call for Action

STAKEHOLDERS ECOSYSTEM & ENGAGEMNT STRATEGY

DRAFT BUSINESS PROCESS ANALYSIS, BUSINESS REQUIREMENT SPECIFICATIONS AND REFERENCE DATA MODEL

for traceability of information exchange

PLANT BASED FIBERS (#1 COTTON)
ANIMAL BASED FIBERS/MATERIALS
SYNTHETIC FIBERS



OCKCHAIN

I Idea √ Concept √ Requirements √ Procurement √

HUGO BOSS

WEBA Switzerland





PILOTING PARTNERS
- RED-LINE STORY



FILMAR





STELL/MCCARTNEY BURBERRY

Vivienne Westwood

BASED ON BPA



35 Multi-stakeholder interviews
DESK RESEARCH

**82** Legislations identified

EXPLANATORY NOTE
Business Process Analysis
Generic Traceability Model



Initiate project Analyze process

Capture & Define Data Analyze Data Reconcile Data Structure Data

**Progress Update** 

Moving Forward with the Business Process Analysis And Standards (September 2020)

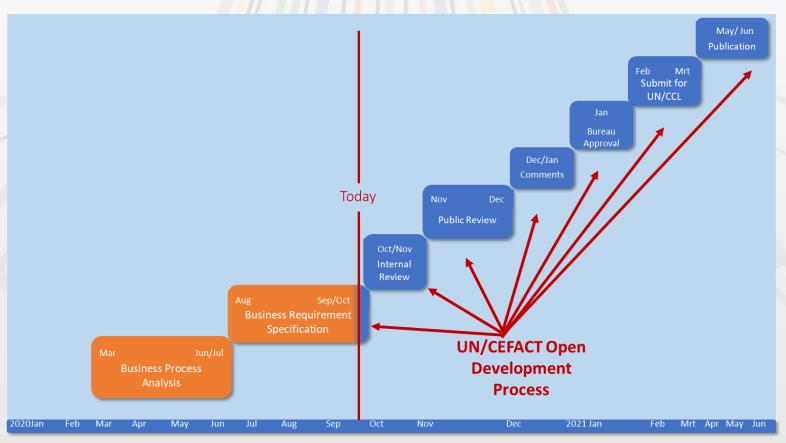
NECE **UN / CEFACT** 

Virginia Cram-Martos



## **WUNECE** Focus on timeline







It is useful

information

# Explanatory Note Highlights from experts' comments

Input from circularity actors is needed

Look at waste generated in every process

Minimum Requirements are needed

Clarify role of Traceability Requestor

What qualifies as being recycled?

And we hope to receive more comments from you as we continue our work

What technology will be used

What is a policy claim?

Will we have a standard definition for batch?

The IDs used should be accesible to all

Are there incentives for participating?

Will this process be done for synthetics?

Will all factories be identified?

Certification schemes have their own rules



## Overview of Status

A High-Level View of What Is - DONE

01

A Detailed View of What Is Leather Done, Cotton in Progress

02

A High-Level View of What Should Be - DONE

03

A Detailed View of What Should Be 1st Draft

04

O5 Identification of What New Actions are Needed - Leather started

O6a Identification of Existing Data to Support Traceability and Transparency Leather started,
Cotton needs to finish 02 first

O6b Identification of New Data needed to Support Traceability and Transparency Waiting for 05 to be done

Development of Standards for

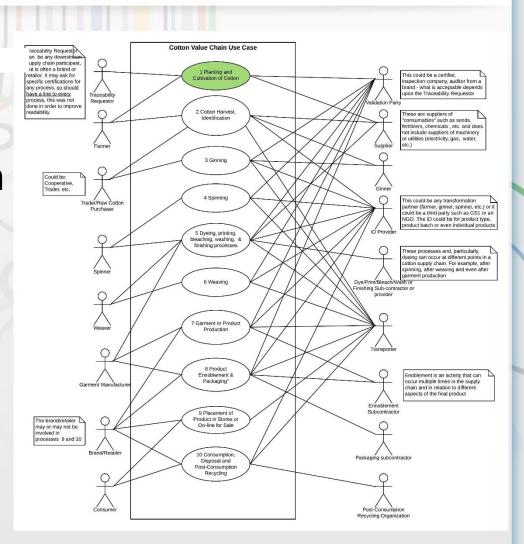
New Data – Addition to the

"Library" – Gerhard, Frans & Niki



# A High-Level View of What Is The Use Case Diagram

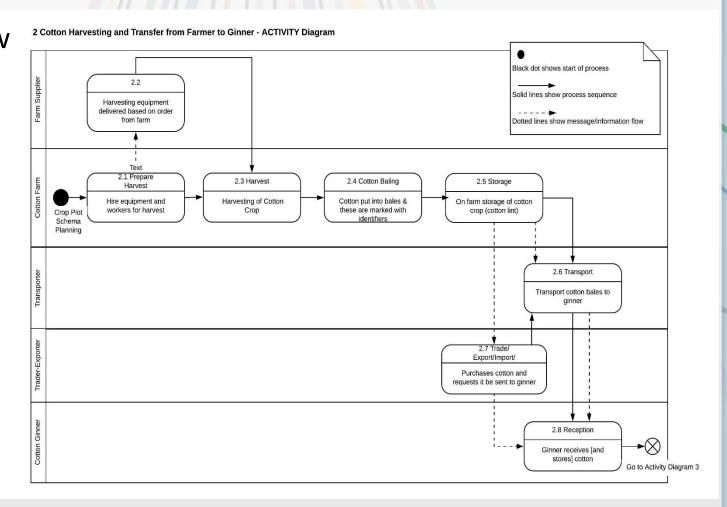
**Example for Cotton** 





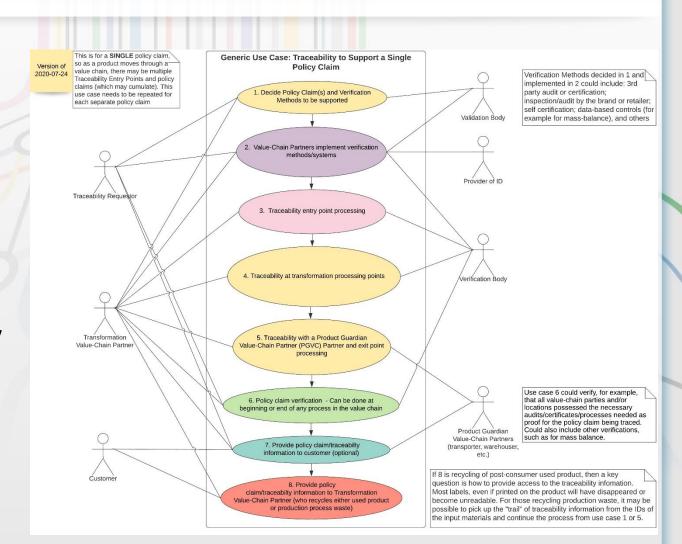
A Detailed View of What Is - the Activity Diagram

Example for Cotton





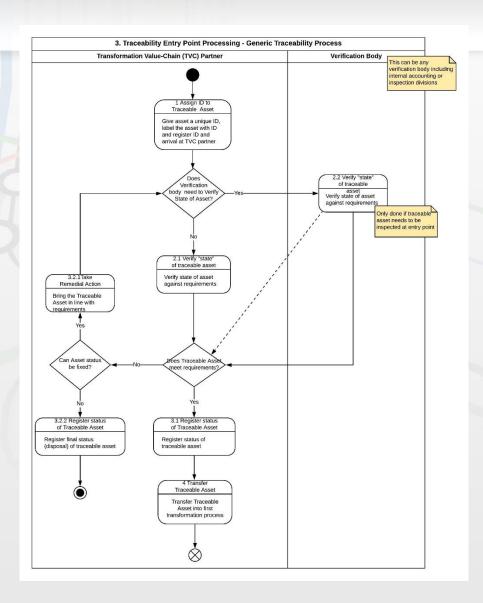
A High-level
View of
Generic
Traceability
and
Transparency
(T&T)





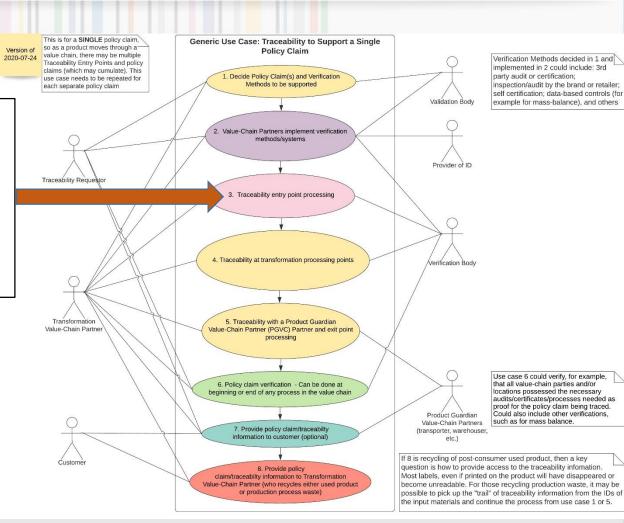
A Detailed View of Generic Traceability and Transparency = Activity Diagram

Path for Cotton Process #2





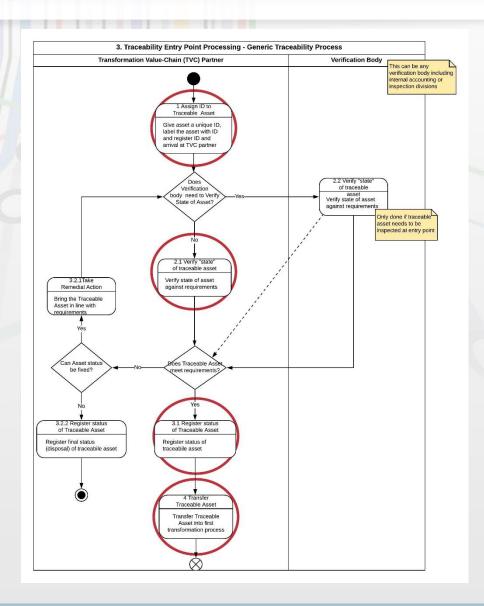
Generic T&T Process #3
(Entry Point Processing)
Corresponds to
Generic Cotton Process
#2 (Harvest)





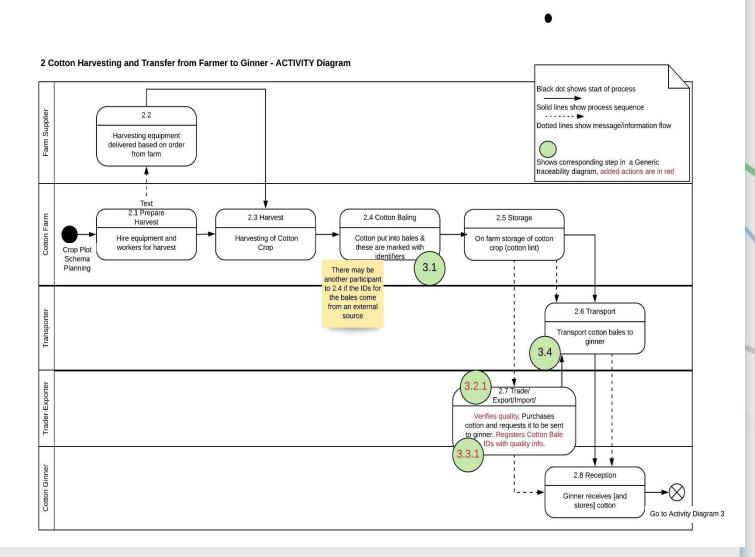
A Detailed View of Generic T&T
The Activity
Diagram

Path for Cotton Process #2 (Harvest)





Identifying where change is needed





Initiate project Analyze process Capture & Define Data Analyze Data Structure Data Data Data Data

We are on the way toward
Usable, Practical and High-Quality Business
Process Analyses for Cotton and Leather

So we are motivated

with your help

To keep moving forward!!



Virginia Cram-Martos crammartos@triangularity.net

Progress Update
Leather Value Chain
(September 2020)

**UN / CEFACT** 

UNECE

**Deborah Taylor** 



2020 Jan

#### Leather Value Chain Transparency & Transparency Standard Workstream 2021 2020 Today Focus on timeframe Leather Blockchain Pilot & Awareness Report 3 underway Report 2 Sustainability Report 1 – Processes Draft, Consultation, Publication

August



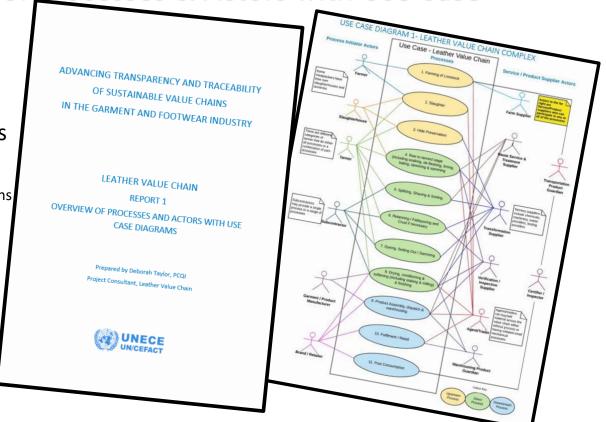
Report 1 – Overview of Processes & Actors with Use Case

Diagrams

• 2 rounds of feedback

• 16 external industry experts

- 5 industry associations
- 3 brands
- 3 certification/member organisations
- 1 NGO
- 1 UN NGO
- 1 technical provider
- 1 educational institution
- 3 core project experts (secretariat)





#### Leather Value Chain (Sept 2020)

## Report 1 – Feedback Dialogue

Since the report is also focusing on the leather of exotic species, we would like to raise your awareness on the fact that exotics animals can be ranched (Alligator Mississippians, Ostrich, Fisch...) which is covered by the report, but some other species – used for luxury leather goods - are also hunted into the wild environment (Varan, water snakes, lizards).

What about CITES?

This structure should also include furs, and indicate that it's applicable to also furniture and car interiors (all the applications, not only the ones related to fashion)

In addition, in my comment I tried to raise the point that consumers while not washing leather articles usually apply care products (creams, polishes etc.). Some leather goods only provide the promised performance if used together with such care products. From the Circular Economy perspective the properties of the material ending up at the recycling facilities thus depends on the care activities by the consumers (i.e. the chemicals they had (not) applied). It is perhaps not practical to cover such activities in the traceability system, but one could mention the fact and related constraints.

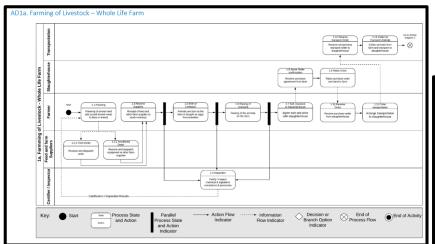
I applaud your effort to describe the value chain model for the leather industry. It is an extremely complex supply chain in some ways, and difficult to understand without some "on the ground" experience. I think you have done an excellent job mapping the complexity of the industry. It certainly demonstrates to an outside observer the many, many intricacies involved in this material.

I suggest using technical standards when possible in order to have uniform identification of terms at international level

All feedback and comments are collected in a spreadsheet on CUE space.



# Report 2 — SUSTAINABILITY REQUIREMENTS & EVENTS IN THE PRODUCTION LIFECYCLE OF LEATHER



The Business Process Descriptions cover elements where a transfer of information may occur, key sustainability risks, verification methods, related laws / legislation, etc

All processes as identified in the Use Case Diagrams of Report 1, now broken down into more granular Activity Diagrams and Business Process Descriptions

Name of process area	Leather Value Chain			
Name of business process activity (use case)	1a. Farming of Livestock – Whole Life Farm			
Process participants	Farmers, Egg Breeders, Farm & feed suppliers, Transportation Product Guardians, Slaughterhouses/Abattoirs, Certifiers/Inspectors  Planning of livestock herd (this could involve liaison with Brands or could be part of the meat & diary industry)			ses/Abattoirs, Certifiers/Inspectors
Input & criteria to enter/begin the process				
Parallel Processes	1a.4 Inspection: Certification / Inspection of chemical & legislative compliance & processes can take place at the farm at different parts of the process.			
Description of Activities A step by step	DESCRIPTION	Required DOCUMENTS	Required OTHER INFORMATION / communication method	TRACEABILITY Actions & Data required
description of what happens in the process. If parallel or overlapping steps much be finished	1a.1 Planning: Planning of animal herd size (could involve meat & diary or brand)			
before the next step, the first two digits of the number should be the	1a.2.1 Feed Order: Place order with suppliers	Purchase Order to Feed Supplier	Any feed requirements? (i.e. no GM or similar)	Record of receipt of feed supplies
same with a third digit added.		Invoice from Feed Supplier	Order from farmer: email, mobile phone SMS, WhatsApp	
	1a.2.2 Ancillaries Order: Place order for equipment or other farm supplies	Purchase Order to Feed Supplier	Order from farmer: email, mobile phone SMS, WhatsApp	Record of receipt of feed supplies
		Invoice from Feed Supplier		
	1a.3 Receive supplies: Receipt of feed & other farm supplies to stock inventory	Despatch notes confirming goods received	Order confirmation from supplier: email, mobile phone SMS, WhatsApp	Inventory of feed & materials to be registered at the farm.
	1a.4. Inspection: Inspect / Certify chemical & legislative compliance & processes as requested	Confirmation of inspection visit dates.	Order from brand / farmer / manufacturer: email, mobile phone SMS, WhatsApp	Proof of successful inspection e.g. certification or corrective measures if not successful



# Report 2 — SUSTAINABILITY REQUIREMENTS & EVENTS IN THE PRODUCTION LIFECYCLE OF LEATHER

The body of the report will expand on the sustainability risks, along with identifying existing programmes and organisations that work to mitigate and reduce the risks.

The report will also inform of any gaps in protecting the risks identified.

Draft to be sent out for input and support.

Related laws, rules, regulations	Different regulations & laws are ap	oplicable in different countries & regions.		
Sustainability Risks, Criteria and	Sustainability risks (hot spots) within this process	Sustainability criteria and standards to address the risk	Verification methods for criteria and standards	Measurements
Verification If the list is too long this section can be moved to an annex.	Child labour: Some regions may be operating family farms where children are expected to work on the farm from a young age as a natural part of life. There could be regions that exploit child labour for farming.	The International Labour Organisation (ILO) Fundamental Convention SA8000 Social Audit	3rd party audits Self-assessment / self-evaluation Certification <u>Programmes</u>	The ILO has developed eight widely-recognised conventions, considered to be fundamental and covering 4 areas, one of which is the effective abolition of child labour.
	Animal Welfare: Traditionally, farming has been seen as the responsibility of the meat & dairy industry, not the leather industry. Leather has been categorized as a biproduct of the meat industry, although this is not the case in every circumstance, particularly when considering exotic skins such as lizard, snake, alligator, etc. Chapter x x of this report focuses on the challenges of animal farming, detailing areas including: Animal Welfare CO <sup>2</sup> Emissions Species Conservation Biodiversity Deforestation Hides as a waste Product	Farming Certification Schemes: Assurewel Organic Soil Association Progressive Beef QIMA RSPCA Red Tractor CITES AGW (A Greener World) Certified Humane.  General: Compliance with Textile Exchange's LIA (Leather Impact Accelerator)	3rd party audits Self-assessment / self-evaluation Certification Programmes	

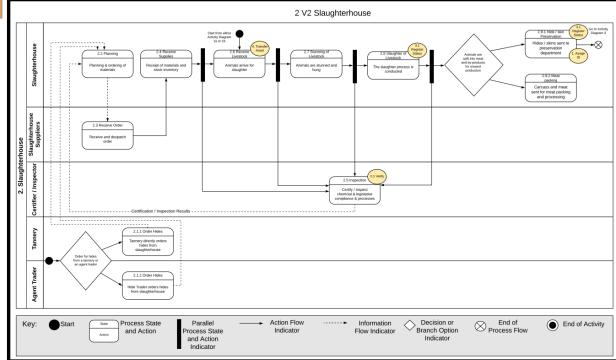


Report 3 — RECOMMENDATION FOR DATA AND INFORMATION REQUIREMENTS FOR A TRANSPARENCY SYSTEM FOR THE

LEATHER VALUE CHAINI

 Layering of generic traceability requirements and exchanges on the identified Activity Diagrams

- Identification of the gaps
- Recommendation of the solution



**Progress Update** Cotton Value Chain (September 2020)



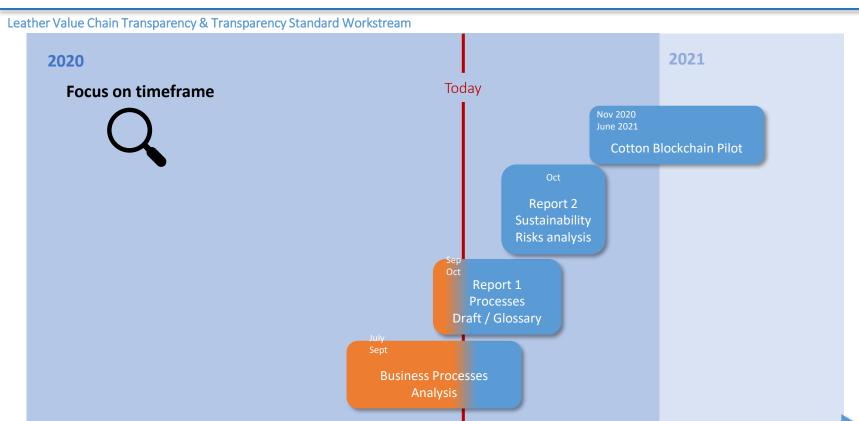
Marco Ricchetti





2020 Jan

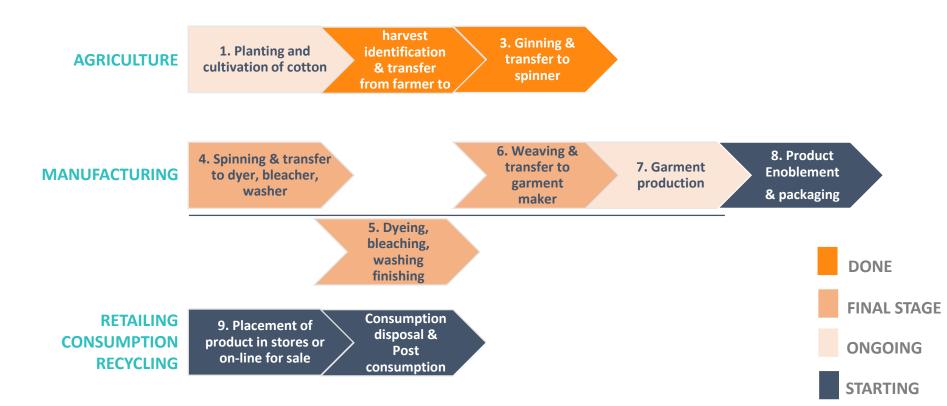
May



Sept

## **UNECE** Cotton Value Chain (Sept 2020)

#### **BUSINESS PROCESSES ANALYSIS**

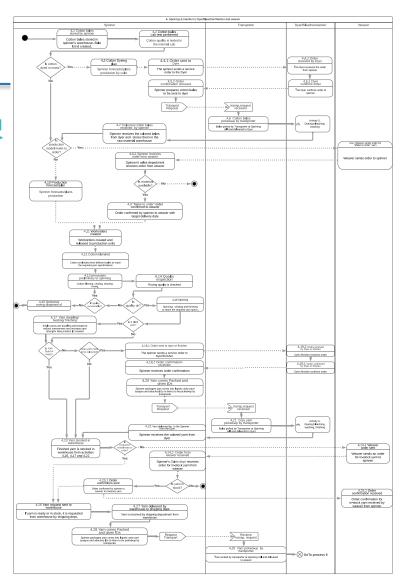




## **UNECE** Cotton Value Chain (Sept 2020)

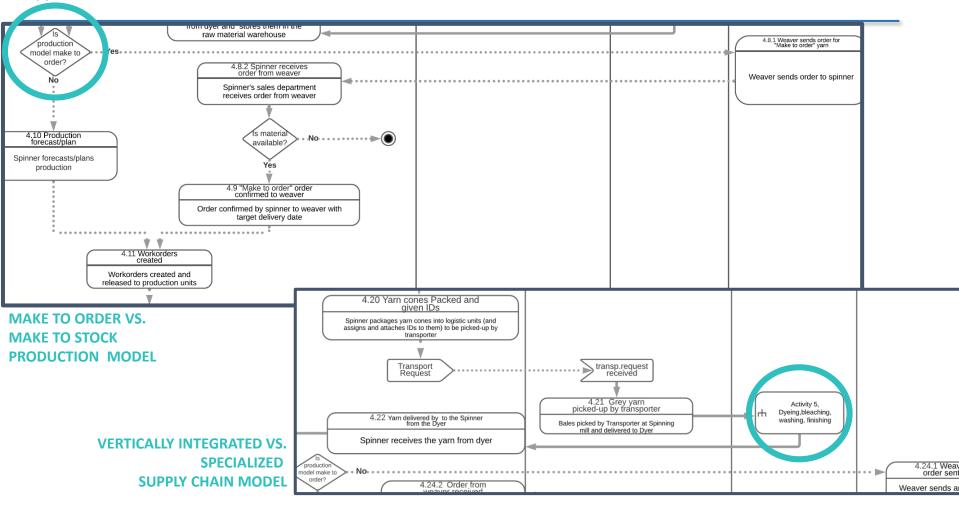
#### **SPINNING ACTIVITY DIAGRAM**

The Business Process Descriptions and Activity Diagrams cover elements where a transfer of information may occur, key sustainability risks, verification methods, related laws / legislation, etc





#### Cotton Value Chain (Sept 2020)



Progress Update

Developing the UN/CCL Data Model to support Traceability &

Transparency

(September 2020)

**UN / CEFACT** 

UNECE

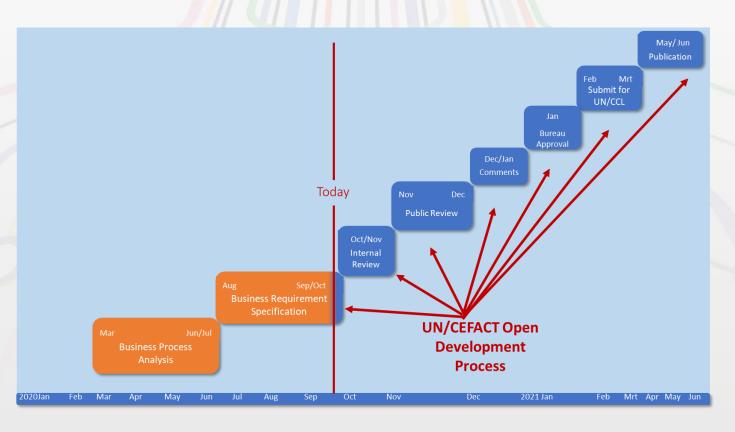
**Gerhard Heemskerk** 





## **WUNECE** Focus on timeline







## **WUNECE** Developing UN/CCL Data Model for T&L



Policy Recommendation



Business Process Analysis User stories etc



Workshop, experts' feedback

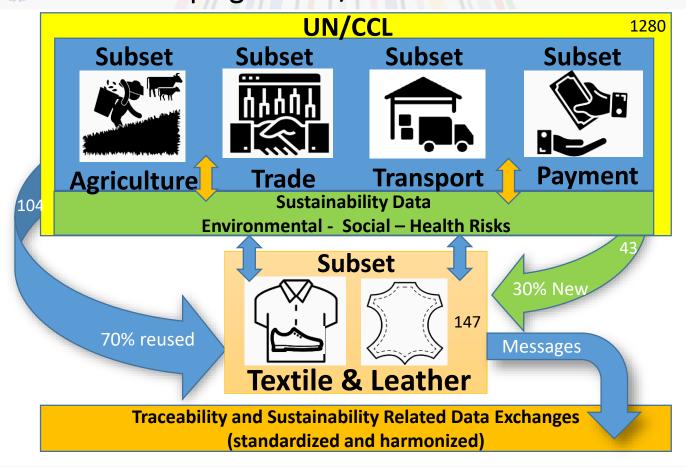


#### BRS Reference Data Model

TA	BLF	F OF CONTENTS	
1		BODUCTION	
2		ECTIVE	
3		DIENCE	
4		ERENCE DOCUMENTS	
	11	STATUS OF THIS DOCUMENT	
	1.2	DOCUMENT CONTEXT	
	1.3	REVENUE HISTORY	
5		SINESS REQUIREMENTS VIEW	
٠,	i.1	Business Downey View	8
-	5.1	GENERIC TRACEARULTY USE CASE	8
-	5.2	BUSINESS PARTINES VIEW	9
-	5.3	BUSINESS REQUIREMENT LIST.	10
9	5.4	Business Entity View.	12
9	5.5	LAYERS OF COMPLEXITY	13
9	5.6	GENERIC VERSUS VERTICAL APPROACH	13
9	.7	SUSTAINABILITY INFORMATION	14
	5.7.		
	5.7.		
	5.7.		
	5.7.4		
	5.8	TIACIABUTY	
	.9	TIACIABLI KISETS	
	.10	Unique dentifiers (ISO/IEC 15459)	
	5.11	Cook Lists	
	1.12	PRODUCT SOCREGATION.	
	5.13	MASS BALANET	
	.14	BODE WID CLAIM	
	5.15	Visitality	
	5.15		
		i.15.1.1 Traditional Electronic Data Exchange (EDI)	
		15.1.2 Electronic Product Code Information System (EPUS)	
		i.15.1.4 Application Programming Interface (API)	
6	BHS	SINESS CHOREOGRAPHY VIEW	
7		M BUSINESS INFORMATION VIEW	
	7.1	RDM CANDNICAL DATA MODELS	27
	7.1.	1 Facility Canonical Data Model	27
	7.1.	2 Location Canonical Data Model	28
	7.1.	3 Party Canonical Data Model	29
	7.1.4	4 Process Canonical Data Model	30
	7.1.5	5 Product Canonical Data Model	31
	7.1.6	6 Product Batch Conanical Data Model	32
	7.1.		
		2.1.7.1 Transport Movement	
		7.1.7.2 Trade Delivery	
	7.2	SUSTAPABILITY INSPECTION CANONICAL DATA MODEL.	
	7.3	ELECTRONIC PRODUCT CODE INFORNATION SYSTEM (EPCIS) DATA MODEL	
	7.4	TL RDM Business Information/Master	
	7.5	TL RDM Business Information Entities (Overnow)	
8		INITION OF TERMS	
9		NEX L RDM BUSINESS INFORMATION ENTITIES	
10		NEX II. CODE LISTS	
	10.1	PROCESS RILATED CODE USTS.	
	10.2	PRODUCT RELATED CODE LISTS  PRODUCT DATCH RELATED CODE LISTS	
	10.3	PRODUCT BATCH RELATED CODE LETS	
-	10.4	LOAILON REDITECTOR COS	



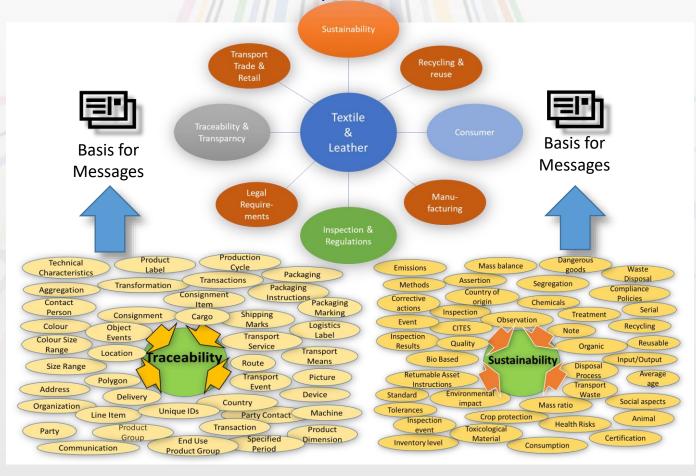
### **WUNECE** Developing the UN/CCL Data Model for T&L







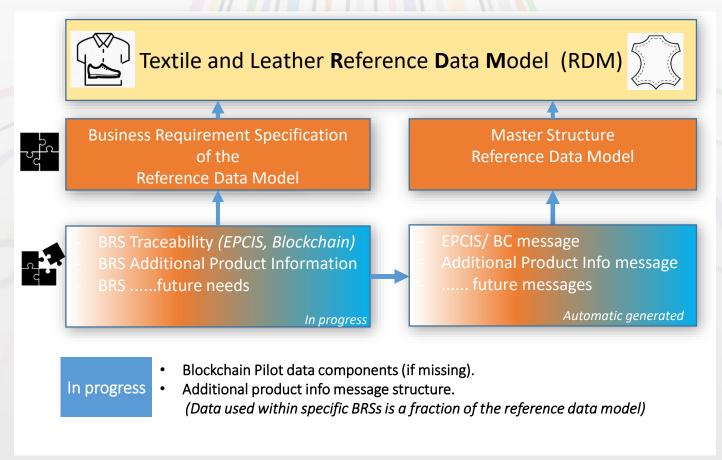
#### UNECE The data model contains 147 components.







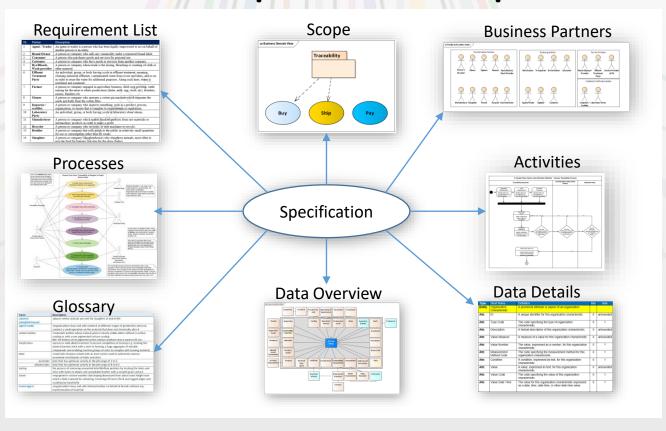
#### Business Requirement Specification(s)







# **Business Requirement Specification**







# Requirement List BRS

Leather Reference Data Model Much of the data elements and associative information should be notional to allow "inscaling" to story of Planting and Cultivation of Cotton: In order to avoid using hazardous chemicals uduring farming, as a farmer, I want to claim the chemical inventory list of fertilizer supplier, so that the cotton product compliance confirms with ZDHC MRSL and avoid the use of hazardous chemicals in the next process steps.    A.3   Visibility			Flexible and	Different layers of complexity should allow small- and medium-sized enterprises around the globe to use the Textile and	
during farming, as a farmer, I want to claim the chemical inventory list of fertilizer supplier, so that the cotton product compliance confirms with ZDHC MRSL and avoid the use of hazardous chemicals in the next process steps.  A.3 Visibility  Know in an instant winch companies, products and processes the whole supply chain comprises, now they relate to each other and how they perform, especially on sustainability.  A.4 Shareability  Visibility an not transparency  Data gard  A.5 Transparency  Data gard  A.6 Animal welfare  Info tion  leath, and  A.7 Verification of claims  standard mare parameters are unersures.  A.8 Inventory lists  Exchange of Chemical Inventory List (CIL stock levels/ZDHC) in order to proof chemical management performance. Exchange of other materials, hides, fabrics, garments stock levels in order to optimize production and minimize waste.  A.9 Unique identifiers  The use inconspance  User story 08 Spinning & transfer to dyer, bleacher, washer: As a spinning mill, I want to patch serior protection treatment, finishing treatment, sustainability characteristic, party, material waste recovery disposal process, transport waste recovery disposal process and specified as obtained due to an inspection.  A.10 Organization  Certificates  A product certificate can be specified for a product, material, chemical, production facility, sustainability characteristic, party, material waste recovery disposal process, transport waste recovery disposal process and specified as obtained due to an inspection.  A.11 Product  Certificates  Certif			inclusive	Leather Reference Data Model Much of the data elements and associative information should be ontional to allow "unscraling"	
A.3 Visibility  A.4 Shareability  A.5 Transparency  A.6 Animal welfare latting and welfare claim  A.7 Verification of claim  Claims  A.8 Inventory lists  Exchange of Chemical Inventory List (CIL stock levels in order to optimize production and minimize waste.  A.9 Unique identifiers  A.9 Unique identifiers  A.9 Process  A.9 Process  Certificates  A.10 Process  Certificates  A.11 Product  A.12 Organization  Certificates  A.13 Organization  Certificates  A.14 Organization  Certificates  A.15 Organization  Certificates  A.16 An org  Certificates  A.17 Provided  A.18 Inspection events  A.18 Inspection events  A.19 Product  A.20 Organization  Certificates  A.21 Organization  Certificates  A.22 Organization  Certificates  A.23 Dispection  A.24 Shareability  A.25 Transparency  A.26 Animal welfare  A.27 Verification of claims  A.28 Inventory lists  Exchange of Chemical Inventory List (CIL stock levels/ZDHC) in order to proof chemical management performance. Exchange of other materials, hides, fabrics, garments stock levels in order to optimize production and minimize waste.  A.10 Process  A process ce show that my chemical management complies with ZDHC standard.  Certificates  A product certificate can be specified or a product. material. chemical, production facility, sustainability characteristic, party, material waste recovery disposal process, and specified as obtained due to an inspection.  A.10 Organization  Certificates  A.110 Organization  Certificates  A.121 Organization  Certificates  A.132 Inspection events  A.133 Inspection events  A.144 The control of control of control value chain sustainability, so that I can be support I provide to local characteristic, party, material waste recovery disposal process and specified as obtained due to an inspection.  A.145 Organization certificates  A.156 Certificates  A.168 Inspection events  A.175 Product  A product certificate can be specified for a product, material, chemical, production unit, production facility, sustainability characteristic, party, material waste r				Osci story of i landing and caltivation of cotton. In oracl to avoid asing nazarabas circlineas	
A.3 Visibility  A.4 Shareability  A.5 Transparency  A.6 Animal welfare  A.7 Verification of claims  A.8 Inventory lists  Exchange of Chemical Inventory List (CIL stock levels/ZDHC) in order to proof chemical management performance. Exchange of other materials, hides, fabrics, garments stock levels in order to optimize production and minimize waste.  A.9 Unique identifiers  A.9 Unique identifiers  The use incone  Exchange of Chemical Inventory List (CIL stock levels/ZDHC) in order to optimize production and minimize waste.  A.9 Unique identifiers  The use incone  Exchange of Chemical Inventory List (CIL stock levels/ZDHC) in order to optimize production and minimize waste.  A.9 Process		A.2	Traceability		
A.4 Shareability				T T I as the the control of the cont	
A.4 Shareability Visibility an not to the specially on sustainability.  A.5 Transparency Date garc Info attor leath, and A sustainab claims Standard memorates and to claims Standard memorates and to cretificate approved on-site by the third-party certification body.  A.8 Inventory lists Exchange of Chemical Inventory List (CIL stock levels/ZDHC) in order to proof chemical management performance. Exchange of other materials, hides, fabrics, garments stock levels in order to optimize production and minimize waste.  A.9 Unique identifiers The use income send process ce show that my chemical management complies with ZDHC standard.  A process Certificates approved on-site by the third-party certification body.  Bert story 08 Spinning & transfer to dyer, bleacher, washer: As a spinning mill, I want to income send protection treatment, finishing treatment, sustainability characteristic, party, material waste recovery disposal process, transport waste recovery disposal process and specified as obtained due to an inspection.  A.10 Product A product certificate can be specified for a product, material, chemical, production unit, production facility, sustainability characteristic, party, material waste recovery disposal process, transport waste recovery disposal process and specified as obtained due to an inspection.  A.11 Organization Certificates Carbon value chain sustainability, so that I can show the support I provide to local characteristic support of cotton value chain sustainability, so that I can show the support I provide to local inspection events in line with SDGs in order to get appreciation and support from my supply chain production production practices.				on where hazardous chemicals in the next process steps.	
A.4 Shareability  Visibility an not to A.5 Transparency  A.6 Animal welfare  A.7 Verification of claims  A.8 Inventory lists  A.8 Inventory lists  A.9 Unique identifiers  A.9 Unique identifiers  Certificates  A process  Certificates  A process  Certificates  A process  Certificates  A product certificate can be specified for a product material, chemical, production unit, production facility, sustainability characteristic factors and specific at product certificates  A.10 Product  Certificates  A product certificate can be specified for a product, material, chemical, production unit, production facility, sustainability characteristic, party, material masser: As a spinning mill, I want to specific and product materials, characteristic characteristi		A.3	Visibility		
User story 04 Ginning & transfer to Spinner: As a ginner, I want to upload the GOTS  Transaction certificate, test report (GMO-free test report, pesticide free report, quality-parameter report) issued by the certification body in the blockchain, so that I can demonstrate that the spinner receives the lint cotton output/material matching with GOTS certificate approved on-site by the third-party certification body.  A.8 Inventory lists  Exchange of Chemical Inventory List (CIL stock levels/ZDHC) in order to proof chemical management performance. Exchange of other materials, hides, fabrics, garments stock levels in order to optimize production and minimize waste.  Description of chemical Inventory List (CIL stock levels/ZDHC) in order to proof chemical management performance. Exchange of other materials, hides, fabrics, garments stock levels in order to optimize production and minimize waste.  User story 08 Spinning & transfer to dyer, bleacher, washer: As a spinning mill, I want to part upload the certificate (clear stream certificate) and get the approval from ZDHC, so that I can protection treament, finishing treatment, sustainability characteristic, party, material waste recovery disposal process, transport waste recovery disposal process and specified as obtained due to an inspection.  A.11 Product Certificates  A product certificate can be specified for a product, material, chemical, production unit, production facility, sustainability characteristic can be specified as obtained due to an inspection.  A.12 Organization Certificates  Certificates  A product certificate can be specified for a product, material, chemical, production unit, production facility, sustainability upload the documents, reports and videos/pictures related to our Initiatives and programs in upload the documents, reports and videos/pictures related to our Initiatives and programs in specification is the production of communities, in line with SDGs in order to get appreciation and support from my supply chain production repartners. Togeth					
A.7 Verification of claims  Verification of callity in the blockchain, so that I can demonstrate that the spinner receives the lint cotton output/material matching with GOTS  Certificate approved on-site by the third-party certification body.  Verification of certificate approved on-site by the third-party certification body.  Verificates  Verificates approved on-site by the third-party certification body.  Verificates of chemical management performance. Exchange of other materials, hides, fabrics, garments stock levels in order to optimize production and minimize waste.  Verificate approved on-site by the third-party certificate to optimize production and minimize waste.  Verificates  Verificates  A process ce show that my chemical management complies with ZDHC standard.  Verificates of chemical inventory List (ClL stock levels/ZDHC) in order to optimize production and minimize waste.  Verificate approved on-site by the third-party certificate on the certificate approved on-site by the third-party certificate on the certificate approved on-site by the third-party certificate on the certificate approved on-site by th	d	A.4	Shareability		
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A.12 Organization Certificates  A.13 Inspection events  An organization chara issupport of cotton value chain sustainability, so that I can show the support I provide to local Inspection events  A.13 Inspection events  An organization chara issupport of cotton value chain sustainability, so that I can show the support I provide to local Inspection events  Inspection partners. Together we can be stronger.			Certificates		
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production partners. Together we can be stronger.		A.12		chara still support of cotton value chain sustainability, so that I can show the support I provide to local	
		A.13	Inspection events	Inspections communities, in line with SDGs in order to get appreciation and support from my supply chain	





# Requirement List BRS

A.14	Inspection results	User story 19 Dyeing, bleaching, washing & transfer to weaver: As a worker, I want to save dyeing substances and water, so that I can reduce my environmental impact.
A.15	Product	Produ
Α.13	Segregation	strictly separated from other products. Where product segregation is difficult or nearly impossible to achieve (e.g. for certified and
	0 0	non-certified commodities such as cotton, green electricity) other methods can be used. In these instances, Mass Balance or Book and User story 20 Dyeing, bleaching, washing & transfer to weaver: As a Standard Organization
A.16	Consumption information	/ Consumer, I want to make sure that a dyestuff cannot be used for production if it has been
A.17	Recycling	Recyc identified to be based on chemicals that are listed in Restricted Substances Lists (RSL) or
		waste Manufacturing Restricted Substances Lists (MRSL), so that the ready-made garments I wear perce
A.18	Product	colou won't contain harmful substances that could impair my health.
	information,	range, colour samples, colour method, colour parameter, print method, print parameter, collection, faults, fault tolerance, quality
	including	level, quality parameter, function, print, gender, section (e.g. selvedge), end use group, product group, classification, CITES, animal &
	sustainability	User story 30 Weaving & transfer to Fabric Finisher(s): As a laboratory assistant, I want to
	information	detric control what the supplier declare in terms of quality and sustainability, so that I can ensure
A.19	Used	
	materials	producan easy exchange of technical documents or certification with the suppliers.
		or weignts) and material components.
A.20	process	For the production machines and/or devices will be used frequently. Inputs/outputs of these machines/devices and related materials, production machines and/or devices will be used frequently. Inputs/outputs of these machines/devices and related materials, production machines and/or devices will be used frequently. Inputs/outputs of these machines/devices and related materials, production machines and/or devices will be used frequently. Inputs/outputs of these machines/devices and related materials, production machines and/or devices will be used frequently. Inputs/outputs of these machines/devices and related materials, production machines and/or devices will be used frequently. Inputs/outputs of these machines/devices and related materials, production machines are used to be used frequently. Inputs/outputs of these machines/devices and related materials, production machines are used to be used frequently. Inputs/outputs of these machines/devices and related materials, production machines are used to be used frequently. Inputs/outputs of these machines/devices are used to be used frequently. Inputs/outputs of the used frequently inputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outputs/outp
	information	of residual chemical testing report issued by a testing laboratory in the blockchain, so that I
A.21	Transport &	Transp can demonstrate that the Garment Maker receives Fabric matching with buyer RSL
	related	events requirements as confirmed by a testing laboratory.
	sustainability	other data such as sustainability characteristics and certificates. In adoition, details for logistics units such as packaging, labels,
	information	User story 73 Post-Consumption Recycling: As a sorting/recycling company, I want to know the
A.22	Transaction	
	references	composition and recyclability information and the certificates (pe. Organic Cotton, REACH, Higgs)
A.23	- U	linked to the product (at sorting point), so that the clothing/footwear can be re-used/recycled to the
	Products	highest value in full compliance to legal requirements (pe. REACH).
	Information	



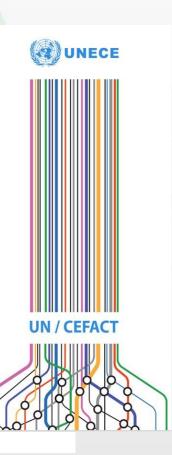


Developing the UN/CCL Data Model to support Traceability & Transparency

#### **Internal Review BRS**

(Review Planned October 2020)

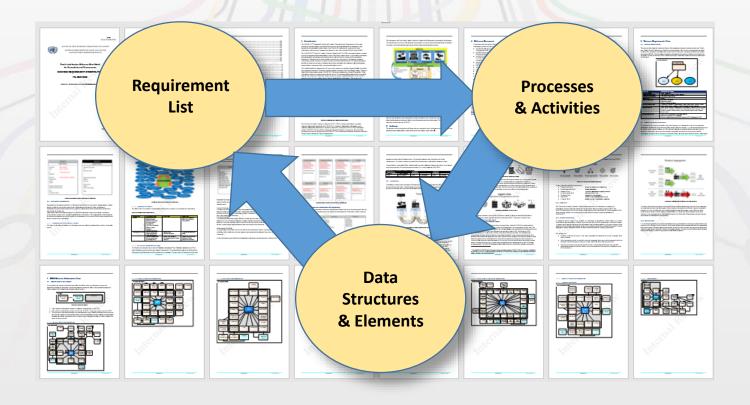
Gerhard Heemskerk







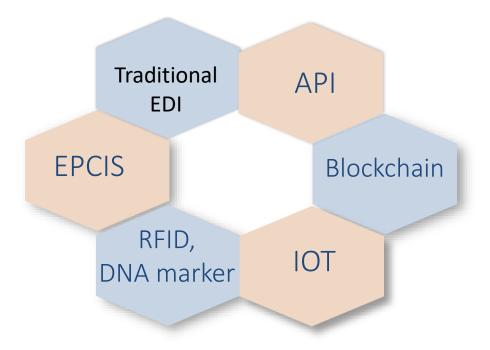
## **WUNECE** Review Data Model and specific BRSs







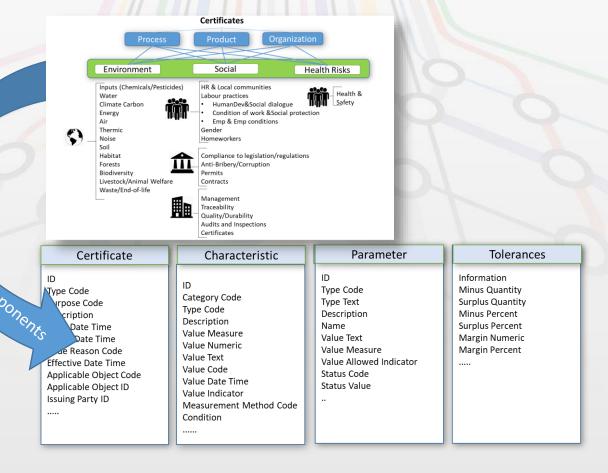
## Review support for different technologies







#### Review support for sustainability aspects









#### Next steps, experts' sub-group input, Q&A

#### COLLABORATIVE UN/CEFACT ENVIRONMENT SPACE

Where to find the project and meeting materials?



#### Ongoing consultations before public review

- Explanatory note for Business Process Analysis (BPA) for the value chain and data model for traceability of information exchange
- Leather value chain report No1 and Generic use case traceability for leather + Glossary Issue 1
- Textile and Leather Reference Data Model Business Requirement Specification v0.2



Deadline for next round of comments

30 October

15 Nov. 2020 - Final Drafts for Public Review





#### **Upcoming**

 Virtual conference meeting #7 – TT Standard Leather and Textile

Monthly conference call

**SAVE THE DATE 3 November 2020** 

 UNECE Multi-stakeholder Policy Dialogue III

Virtual and on-site

**SAVE THE DATE 23-24 November 2020** 

back to back with the UN/CEFACT Plenary

Accelerating action for Sustainable and Circular Value Chains in Garment & Footwear

Join us 23 & 24 November 2020

in person or online for the

3rd Multi-stakeholder Policy Dialogue

in conjunction with UN/CEFACT 36th Plenary



To discuss progress on policy recommendations, technical standards, the enabling role of blockchain, and the call to action to key industry actors

23 and 24 November 2020, 10:00–13:00 and 15:00–18:00
Palais des Nations, Geneva, Room XXVI
and via WebEx Videoconference

Registration by 30 October 2020 at Maria Teresa Pisani, Olivia Chassot, Olga Kharitonova UNECE Secretariat

Under the UNECE project "Enhancing Transparency and Traceability of Sustainable Value Chains in the Garment and Footwear Sector"





Find out more: Project's page