



TRICK



<https://www.trick-project.eu/>

DRAFT

Extract from IMPLEMENTATION GUIDE
TRANSACTION "TRACEABILITY REPORT"

Version: draft

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Document code: TRC004e

technical Documentation: <http://www.ebiz.enea.it>

XML Schemas repository: <http://www.ebiz.enea.it/moda-ml/repository/schema/draft/default.asp>

Guides repository: <http://www.ebiz.enea.it/moda-ml/repository/guide/draft/default.asp>

Guide filename: TRC004-TRICK-TraceabilityReport.pdf

0. PREMISE

This document contains a proposal for the updating and extension of eBIZ specifications starting from the eBIZ version 2018. Under the name of 'Draft version' it is reported the result of an extensive work of analysis and consultation aimed at developing and maintaining eBIZ specifications.

In particular, the content of this proposal is the result of various activities, mainly those carried out within the framework of the **TRICK project** funded by the European Commission: grant agreement 958352, call H2020-LOW-CARBON-CIRCULAR-INDUSTRIES-2020 / H2020-LCCI-2020-EASME-twostage.

The technical contents are backwards compatible with the latest official published version, with the exclusion of the totally new concepts added explicitly for the version that are thought as incremental evolution of the knowledge base.

1. BUSINESS DESCRIPTION

1.1 Scope

This guide aims to illustrate to fashion companies the standard XML format of the document type "TRACEABILITY REPORT", providing instructions for its use in the context of a TRACEABILITY SYSTEM involving Fashion Manufacturers, their customers, third parties and in case customs authorities, eBusiness and eCommerce platforms. All the rules necessary for the construction and validation of the document are expressed through a specific XML schema, which is presented in detail in the paragraph "Implementation Guide".

1.2 Generalities

This document has a double function:

- it can be used to RETRIEVE the FULL HISTORY of a traceability unit (in this case all the events relating to the traceability unit - the history - are contained in the document from the beginning of its history; the events relating to the components can be or not included depending on the level of detail requested and the disclosure allowed to the applicant); in some cases it might also retrieve information relating to more than one traceability units.

In this use, the report is usually a response to a request for information.

When reporting the complete history of a traceability unit the document would contain an item with attribute `primaryItemFlag=true` which identifies the primary lot of the history, while the remaining items are related to the components.

otherwise

- it can be used to NOTIFY to a partner (for example the customer) or to the traceability system the NEW or (exceptionally) MODIFIED events relating to one or more traceability units (in this case the events contained in the document must be added to the history of the traceability unit to which they refer, as long as the sender has the appropriate authorization level).

In this case the report is sent to the receiver and constitutes a request for registration.

Validity of the report: the report contents are guaranteed at the issuing time: the past cannot be changed (with the exception of error corrections), but it may evolve with new events.

It is important to distinguish between two stages of the product life: reports up to the 'ready for use' status and circularity reports that include its life after usage up to dismantling:

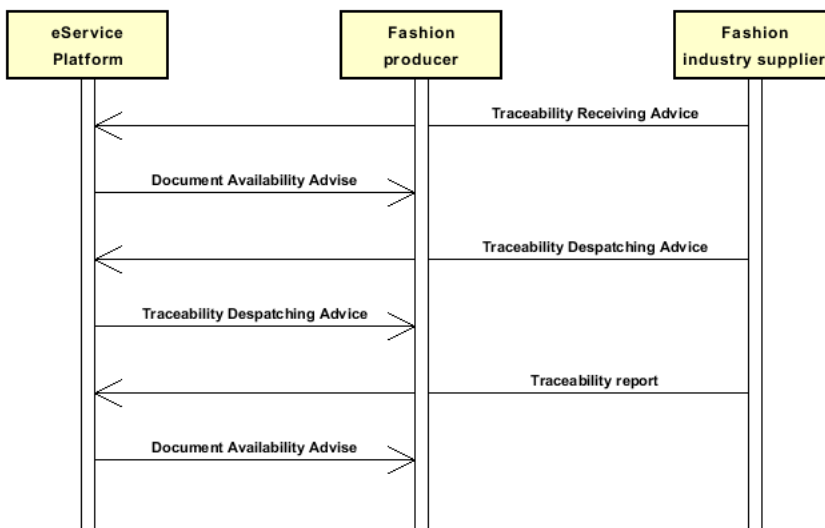
1) when the product is finished, the 'technical history' of a lot of product is ended

2) changes may happen on logistic or ownership or usage between sales/delivering and recollection/dismantling

- logistic: changes of the lots (before sales/deliver) for example sent to different warehouses. . .
- usage: should not affect the tracing report

1.3. Possible scenario

P1.A2 Incoming material



2. IMPLEMENTATION GUIDE

2.1 General structure of XML document

All the business data that can be exchanged through this class of documents are shown in the following "document structure", that provides a simplified vision of the Schema.

In particular:

- the two numbers following each element define its "cardinality" (minimum and maximum number of occurrences); the minimum equal zero indicates that the element is optional, the minimum greater than zero indicates that is mandatory;
- the bold character denotes the complex elements (aggregates of simple elements) that were built for the sake of functionality and re-usability of some complex informations sets. The child elements in each parent element are easily spotted as "indented";
- the symbol "@" denotes an attribute of the preceding element; here "the usage indicator (optional, required, ...) is shown in square brackets.

Structure

TRCTRReport

```
@version [Optional] [Default= draft]
@useProfile [Optional]
@TRCReportFunction [Required]
@SRVReportStatus [Optional]
@componentsHistoryIncluded [Optional] [Default= 0]
| TRCheader 1-1
| | msgN 1-1
| | msgID 0-1
| | msgDate 1-1
| | @dateForm [Optional]
| | refDoc 0-9
| | @docType [Required]
| | | docID 1-2
| | | | @numberingOrg [Optional]
| | | docDate 0-1
| | | | @dateForm [Optional]
| | | season 0-1
| | | | @numberingOrg [Optional]
| | | | @codeList [Optional]
| | | | @listName [Optional]
| | | | @listVersion [Optional]
| | | itemID 0-1
| | | attachment 0-1
| | | | @uid [Optional]
| | | | | fileName 0-1
| | | | | | @numberingOrg [Optional]
| | | | | binaryObject 0-1
| | | | | | @format [Optional]
| | | | | | @mime [Optional]
| | | | | | @encoding [Optional]
| | | | | | @characterSet [Optional]
| | | | externalReference 0-99
| | | | | uri 1-1
| | | | | | @isURL [Optional] [Default= true]
| | | | | | mimeTypeCode 0-1
| | | | | | formatCode 0-1
| | | | | | encodingCode 0-1
| | | | | | characterSetCode 0-1
| | | | | hashFootprint 0-1
| | | | | | @schemeID [Optional]
| | | | | | @hashMethod [Required]
| | | | | blockChainReference 0-9
| | | | | | uri 1-1
| | | | | | | @isURL [Optional] [Default= true]
| | | | | | | transactionReceipt 1-9
| | certificate 0-9
| | | @docStatusCode [Required]
| | | @docValidity [Required]
```

docID 1-1
 | @numberingOrg [Optional]
 certificateID 1-1
 | @schemeID [Optional]
 certificationStandardName 1-1
 | @standardOwner [Required]
 docDate 1-1
 | @dateForm [Optional]
 title 0-unbounded
 | @ln [Optional]
 description 0-unbounded
 | @ln [Optional]
 validityStart 0-1
 | @dateForm [Optional]
 validityEnd 0-1
 | @dateForm [Optional]
 validityExtensionDate 0-1
 | @dateForm [Optional]
 sustainabilityCharacteristicText 0-99
 | @ln [Optional]
issuerParty 1-1
 | id 0-1
 | | @numberingOrg [Optional]
 | legalName 0-1
 | dept 0-1
 | subDept 0-1
 | person 0-1
 | | @email [Optional]
 | | @phone [Optional]
 | | @fax [Optional]
 | street 0-1
 | city 0-1
 | subCountry 0-1
 | country 0-1
 | postCode 0-1
 | **geoCoordinates 0-1**
 | | @um [Optional] [Default= DEGD]
 | | @geoRefSystem [Optional]
 | | | xGeoCoord 1-1
 | | | yGeoCoord 1-1
 | | | zGeoCoord 0-1
 | issuerAccreditationInfo 0-1
certifiedParty 1-1
 | id 0-1
 | | @numberingOrg [Optional]
 | legalName 0-1
 | dept 0-1
 | subDept 0-1
 | person 0-1
 | | @email [Optional]
 | | @phone [Optional]
 | | @fax [Optional]
 | street 0-1
 | city 0-1
 | subCountry 0-1
 | country 0-1
 | postCode 0-1
 | **geoCoordinates 0-1**
 | | @um [Optional] [Default= DEGD]
 | | @geoRefSystem [Optional]
 | | | xGeoCoord 1-1
 | | | yGeoCoord 1-1
 | | | zGeoCoord 0-1
certifiedEntity 0-unbounded
 | entityID 1-3
 | | @schemeID [Required]
 | entityTypeCode 1-1
 | description 0-9

- | @In [Optional]
- | **attachment 0-1**
- | @uid [Optional]
- | fileName 0-1
- | @numberingOrg [Optional]
- | binaryObject 0-1
- | @format [Optional]
- | @mime [Optional]
- | @encoding [Optional]
- | @characterSet [Optional]
- | **externalReference 0-99**
- | uri 1-1
- | @isURL [Optional] [Default= true]
- | mimeTypeCode 0-1
- | formatCode 0-1
- | encodingCode 0-1
- | characterSetCode 0-1
- | hashFootprint 0-1
- | @schemeID [Optional]
- | @hashMethod [Required]
- | **blockChainReference 0-9**
- | uri 1-1
- | @isURL [Optional] [Default= true]
- | transactionReceipt 1-9
- | note 0-99
- | @numberingOrg [Optional]
- | @codeList [Optional]
- | @noteLabel [Optional]
- | **externalRefDoc 0-9**
- | docID 1-1
- | @numberingOrg [Optional]
- | docDate 0-1
- | @dateForm [Optional]
- | title 0-unbounded
- | @In [Optional]
- | description 0-unbounded
- | @In [Optional]
- | validityStart 0-1
- | @dateForm [Optional]
- | validityEnd 0-1
- | @dateForm [Optional]
- | documentType 0-1
- | **issuerParty 0-1**
- | id 0-1
- | @numberingOrg [Optional]
- | legalName 0-1
- | dept 0-1
- | subDept 0-1
- | person 0-1
- | @email [Optional]
- | @phone [Optional]
- | @fax [Optional]
- | street 0-1
- | city 0-1
- | subCountry 0-1
- | country 0-1
- | postCode 0-1
- | **geoCoordinates 0-1**
- | @um [Optional] [Default= DEGD]
- | @geoRefSystem [Optional]
- | xGeoCoord 1-1
- | yGeoCoord 1-1
- | zGeoCoord 0-1
- | issuerAccreditationInfo 0-1
- | **signatureInformation 0-1**
- | signatureTypeCode 1-1
- | **signatoryParty 0-unbounded**
- | id 0-1

```

| | | | @numberingOrg [Optional]
| | | | legalName 0-1
| | | | dept 0-1
| | | | subDept 0-1
| | | | person 0-1
| | | | @email [Optional]
| | | | @phone [Optional]
| | | | @fax [Optional]
| | | | street 0-1
| | | | city 0-1
| | | | subCountry 0-1
| | | | country 0-1
| | | | postCode 0-1
| | | | geoCoordinates 0-1
| | | | @um [Optional] [Default= DEGD]
| | | | @geoRefSystem [Optional]
| | | | | xGeoCoord 1-1
| | | | | yGeoCoord 1-1
| | | | | zGeoCoord 0-1
| | | | attachment 0-1
| | | | @uid [Optional]
| | | | | fileName 0-1
| | | | | @numberingOrg [Optional]
| | | | | binaryObject 0-1
| | | | | @format [Optional]
| | | | | @mime [Optional]
| | | | | @encoding [Optional]
| | | | | @characterSet [Optional]
| | | | | externalReference 0-99
| | | | | | uri 1-1
| | | | | | @isURL [Optional] [Default= true]
| | | | | | mimeTypeCode 0-1
| | | | | | formatCode 0-1
| | | | | | encodingCode 0-1
| | | | | | characterSetCode 0-1
| | | | | hashFootprint 0-1
| | | | | @schemeID [Optional]
| | | | | @hashMethod [Required]
| | | | | blockChainReference 0-9
| | | | | | uri 1-1
| | | | | | @isURL [Optional] [Default= true]
| | | | | transactionReceipt 1-9
| | | | note 0-99
| | | | @numberingOrg [Optional]
| | | | @codeList [Optional]
| | | | @noteLabel [Optional]
| | | | senderParty 1-1
| | | | @role [Optional]
| | | | @sender [Optional]
| | | | | id 1-1
| | | | | @numberingOrg [Optional]
| | | | | legalName 0-1
| | | | | dept 0-1
| | | | | subDept 0-1
| | | | | person 0-1
| | | | | @email [Optional]
| | | | | @phone [Optional]
| | | | | @fax [Optional]
| | | | | street 0-1
| | | | | city 0-1
| | | | | subCountry 0-1
| | | | | country 0-1
| | | | | postCode 0-1
| | | | | geoCoordinates 0-1
| | | | | @um [Optional] [Default= DEGD]
| | | | | @geoRefSystem [Optional]
| | | | | | xGeoCoord 1-1
| | | | | | yGeoCoord 1-1

```

- | | | zGeoCoord 0-1
- | **receiverParty 1-1**
- | | @role [Optional]
- | | @sender [Optional]
- | | id 1-1
- | | | @numberingOrg [Optional]
- | | legalName 0-1
- | | dept 0-1
- | | subDept 0-1
- | | person 0-1
- | | | @email [Optional]
- | | | @phone [Optional]
- | | | @fax [Optional]
- | | street 0-1
- | | city 0-1
- | | subCountry 0-1
- | | country 0-1
- | | postCode 0-1
- | | **geoCoordinates 0-1**
- | | | @um [Optional] [Default= DEGD]
- | | | @geoRefSystem [Optional]
- | | | | xGeoCoord 1-1
- | | | | yGeoCoord 1-1
- | | | | zGeoCoord 0-1
- | **thirdParty 0-5**
- | | @VAT [Optional]
- | | @role [Required]
- | | @sender [Optional]
- | | id 1-1
- | | | @numberingOrg [Optional]
- | | legalName 0-1
- | | dept 0-1
- | | subDept 0-1
- | | person 0-1
- | | | @email [Optional]
- | | | @phone [Optional]
- | | | @fax [Optional]
- | | street 0-1
- | | city 0-1
- | | subCountry 0-1
- | | country 0-1
- | | postCode 0-1
- | | **geoCoordinates 0-1**
- | | | @um [Optional] [Default= DEGD]
- | | | @geoRefSystem [Optional]
- | | | | xGeoCoord 1-1
- | | | | yGeoCoord 1-1
- | | | | zGeoCoord 0-1
- | note 0-99
- | | @numberingOrg [Optional]
- | | @codeList [Optional]
- | | @noteLabel [Optional]

TRCTraReportBody 1-1

- | **TRCTraRepltem 1-unbounded**
- | | @primaryItemFlag [Optional] [Default= false]
- | | @limitedByDisclosureIndicator [Optional]
- | | @exhaustiveInformation [Optional]
- | | @accomplishedProductionIndicator [Optional]
- | | lineN 1-1
- | | | @VAT [Optional]
- | | lineID 0-1
- | | **tracedObject 1-unbounded**
- | | | @objectInstanceTypeCode [Required]
- | | | **objectInstanceIdentification 1-1**
- | | | | @objectInstanceTypeCode [Required]
- | | | | objectID 1-9
- | | | | @schemeID [Required]


```

| | | | productIDandQty 1-99
| | | | | uniqueProductID 1-1
| | | | | @schemeID [Required]
| | | | | qty 0-2
| | | | | @um [Required]
| | | | | objectTypeCode 1-1
| | | | TRCEventList 1-1
| | | | - choose - maxOccurs="unbounded"
| | | | | TRCObjectEvent 1-1
| | | | | @progr [Optional]
| | | | | | eventID 1-1
| | | | | | @schemeID [Optional]
| | | | | | eventActionCode 1-1
| | | | | | eventDateTime 1-1
| | | | | | @dateForm [Required]
| | | | | | recordDateTime 1-1
| | | | | | @dateForm [Optional]
| | | | | | certificationInfo 0-9
| | | | | | @schemeID [Optional]
| | | | | | businessStepCode 1-1
| | | | | | @numberingOrg [Optional]
| | | | | | @codeList [Optional]
| | | | | | @listName [Optional]
| | | | | | @listVersion [Optional]
| | | | | | manufacturingStep 0-1
| | | | | | | manufacturingOperationCode 1-1
| | | | | | | description 0-9
| | | | | | | @ln [Optional]
| | | | | | tracedObject 0-unbounded
| | | | | | @objectInstanceTypeCode [Required]
| | | | | | | objectInstanceIdentification 1-1
| | | | | | | @objectInstanceTypeCode [Required]
| | | | | | | | objectID 1-9
| | | | | | | | @schemeID [Required]
| | | | | | | | productIDandQty 1-99
| | | | | | | | | uniqueProductID 1-1
| | | | | | | | | @schemeID [Required]
| | | | | | | | | qty 0-2
| | | | | | | | | @um [Required]
| | | | | | | | | objectTypeCode 1-1
| | | | | | | eventReadLocation 1-1
| | | | | | | | location 0-1
| | | | | | | | @LRI [Optional]
| | | | | | | | legalName 0-1
| | | | | | | | dept 0-1
| | | | | | | | subDept 0-1
| | | | | | | | person 0-1
| | | | | | | | @email [Optional]
| | | | | | | | @phone [Optional]
| | | | | | | | @fax [Optional]
| | | | | | | | street 0-1
| | | | | | | | city 0-1
| | | | | | | | subCountry 0-1
| | | | | | | | country 0-1
| | | | | | | | postCode 0-1
| | | | | | | | geoCoordinates 0-1
| | | | | | | | @um [Optional] [Default= DEGD]
| | | | | | | | @geoRefSystem [Optional]
| | | | | | | | | xGeoCoord 1-1
| | | | | | | | | yGeoCoord 1-1
| | | | | | | | | zGeoCoord 0-1
| | | | | | | eventBusinessLocation 0-1
| | | | | | | | location 0-1
| | | | | | | | @LRI [Optional]
| | | | | | | | legalName 0-1
| | | | | | | | dept 0-1
| | | | | | | | subDept 0-1
| | | | | | | | person 0-1

```

					<ul style="list-style-type: none"> <i>@email [Optional]</i> <i>@phone [Optional]</i> <i>@fax [Optional]</i> street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 <i>@um [Optional] [Default= DEGD]</i> <i>@geoRefSystem [Optional]</i> xGeoCoord 1-1 yGeoCoord 1-1 zGeoCoord 0-1 eventSourceParty 1-1 id 0-1 <i>@numberingOrg [Optional]</i> legalName 0-1 dept 0-1 subDept 0-1 person 0-1 <i>@email [Optional]</i> <i>@phone [Optional]</i> <i>@fax [Optional]</i> street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 <i>@um [Optional] [Default= DEGD]</i> <i>@geoRefSystem [Optional]</i> xGeoCoord 1-1 yGeoCoord 1-1 zGeoCoord 0-1 traceabilityPartyRole 0-1 <i>@numberingOrg [Optional]</i> <i>@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-</i>
					<ul style="list-style-type: none"> <i>ml/repository/codelist/Draft/gc_TRKR1.xml]</i> <i>@listName [Optional]</i> <i>@listVersion [Optional]</i> eventDestinationParty 0-1 id 0-1 <i>@numberingOrg [Optional]</i> legalName 0-1 dept 0-1 subDept 0-1 person 0-1 <i>@email [Optional]</i> <i>@phone [Optional]</i> <i>@fax [Optional]</i> street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 <i>@um [Optional] [Default= DEGD]</i> <i>@geoRefSystem [Optional]</i> xGeoCoord 1-1 yGeoCoord 1-1 zGeoCoord 0-1 traceabilityPartyRole 1-1 <i>@numberingOrg [Optional]</i> <i>@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-</i>
					<ul style="list-style-type: none"> <i>ml/repository/codelist/Draft/gc_TRKR1.xml]</i> <i>@listName [Optional]</i> <i>@listVersion [Optional]</i>

				eventOriginatorParty 0-1 id 0-1 @numberingOrg [Optional] legalName 0-1 dept 0-1 subDept 0-1 person 0-1 @email [Optional] @phone [Optional] @fax [Optional] street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 @um [Optional] [Default= DEGD] @geoRefSystem [Optional] xGeoCoord 1-1 yGeoCoord 1-1 zGeoCoord 0-1 traceabilityPartyRole 0-1 @numberingOrg [Optional] @codeList [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml] @listName [Optional] @listVersion [Optional]
				externalRefDoc 0-9 docID 1-1 @numberingOrg [Optional] docDate 0-1 @dateForm [Optional] title 0-unbounded @ln [Optional] description 0-unbounded @ln [Optional] validityStart 0-1 @dateForm [Optional] validityEnd 0-1 @dateForm [Optional] documentType 0-1
				issuerParty 0-1 id 0-1 @numberingOrg [Optional] legalName 0-1 dept 0-1 subDept 0-1 person 0-1 @email [Optional] @phone [Optional] @fax [Optional] street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 @um [Optional] [Default= DEGD] @geoRefSystem [Optional] xGeoCoord 1-1 yGeoCoord 1-1 zGeoCoord 0-1 issuerAccreditationInfo 0-1
				signatureInformation 0-1 signatureTypeCode 1-1 signatoryParty 0-unbounded id 0-1 @numberingOrg [Optional]

- legalName 0-1
- dept 0-1
- subDept 0-1
- person 0-1
- @*email* [Optional]
- @*phone* [Optional]
- @*fax* [Optional]
- street 0-1
- city 0-1
- subCountry 0-1
- country 0-1
- postCode 0-1
- geoCoordinates 0-1**
- @*um* [Optional] [Default= DEGD]
- @*geoRefSystem* [Optional]
- xGeoCoord 1-1
- yGeoCoord 1-1
- zGeoCoord 0-1
- attachment 0-1**
- @*uid* [Optional]
- fileName 0-1
- @*numberingOrg* [Optional]
- binaryObject 0-1
- @*format* [Optional]
- @*mime* [Optional]
- @*encoding* [Optional]
- @*characterSet* [Optional]
- externalReference 0-99**
- uri 1-1
- @*isURL* [Optional] [Default= true]
- mimeCode 0-1
- formatCode 0-1
- encodingCode 0-1
- characterSetCode 0-1
- hashFootprint 0-1
- @*schemeID* [Optional]
- @*hashMethod* [Required]
- blockChainReference 0-9**
- uri 1-1
- @*isURL* [Optional] [Default= true]
- transactionReceipt 1-9
- note 0-99
- @*numberingOrg* [Optional]
- @*codeList* [Optional]
- @*noteLabel* [Optional]
- note 0-9
- @*numberingOrg* [Optional]
- @*codeList* [Optional]
- @*noteLabel* [Optional]

- or -

- TRCTransformationEvent 1-1**
- @*progr* [Optional]
- eventID 1-1
- @*schemeID* [Optional]
- eventActionCode 1-1
- eventDateTime 1-1
- @*dateForm* [Required]
- recordDateTime 1-1
- @*dateForm* [Optional]
- certificationInfo 0-9
- @*schemeID* [Optional]
- businessStepCode 1-1
- @*numberingOrg* [Optional]
- @*codeList* [Optional]
- @*listName* [Optional]
- @*listVersion* [Optional]
- manufacturingStep 0-1**
- manufacturingOperationCode 1-1

```

| description 0-9
| @ln [Optional]
| inputComponent 1-unbounded
| @objectInstanceTypeCode [Required]
|   | objectInstanceIdentification 1-1
|   | @objectInstanceTypeCode [Required]
|   |   | objectID 1-9
|   |   | @schemeID [Required]
|   | productIDandQty 1-99
|   |   | uniqueProductID 1-1
|   |   | @schemeID [Required]
|   |   | qty 0-2
|   |   | @um [Required]
|   | objectTypeCode 1-1
| outputObject 0-unbounded
| @objectInstanceTypeCode [Required]
|   | objectInstanceIdentification 1-1
|   | @objectInstanceTypeCode [Required]
|   |   | objectID 1-9
|   |   | @schemeID [Required]
|   | productIDandQty 1-99
|   |   | uniqueProductID 1-1
|   |   | @schemeID [Required]
|   |   | qty 0-2
|   |   | @um [Required]
|   | objectTypeCode 1-1
| eventReadLocation 1-1
|   | location 0-1
|   |   | @LRI [Optional]
|   |   | legalName 0-1
|   |   | dept 0-1
|   |   | subDept 0-1
|   |   | person 0-1
|   |   |   | @email [Optional]
|   |   |   | @phone [Optional]
|   |   |   | @fax [Optional]
|   |   | street 0-1
|   |   | city 0-1
|   |   | subCountry 0-1
|   |   | country 0-1
|   |   | postCode 0-1
|   | geoCoordinates 0-1
|   |   | @um [Optional] [Default= DEGD]
|   |   | @geoRefSystem [Optional]
|   |   |   | xGeoCoord 1-1
|   |   |   | yGeoCoord 1-1
|   |   |   | zGeoCoord 0-1
| eventBusinessLocation 0-1
|   | location 0-1
|   |   | @LRI [Optional]
|   |   | legalName 0-1
|   |   | dept 0-1
|   |   | subDept 0-1
|   |   | person 0-1
|   |   |   | @email [Optional]
|   |   |   | @phone [Optional]
|   |   |   | @fax [Optional]
|   |   | street 0-1
|   |   | city 0-1
|   |   | subCountry 0-1
|   |   | country 0-1
|   |   | postCode 0-1
|   | geoCoordinates 0-1
|   |   | @um [Optional] [Default= DEGD]
|   |   | @geoRefSystem [Optional]
|   |   |   | xGeoCoord 1-1
|   |   |   | yGeoCoord 1-1
|   |   |   | zGeoCoord 0-1

```

eventSourceParty 1-1

id 0-1
@numberingOrg [Optional]
legalName 0-1
dept 0-1
subDept 0-1
person 0-1
@email [Optional]
@phone [Optional]
@fax [Optional]
street 0-1
city 0-1
subCountry 0-1
country 0-1
postCode 0-1
geoCoordinates 0-1
@um [Optional] [Default= DEGD]
@geoRefSystem [Optional]
| xGeoCoord 1-1
| yGeoCoord 1-1
| zGeoCoord 0-1
traceabilityPartyRole 0-1
@numberingOrg [Optional]
@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]

@listName [Optional]
@listVersion [Optional]

eventDestinationParty 0-1

id 0-1
@numberingOrg [Optional]
legalName 0-1
dept 0-1
subDept 0-1
person 0-1
@email [Optional]
@phone [Optional]
@fax [Optional]
street 0-1
city 0-1
subCountry 0-1
country 0-1
postCode 0-1
geoCoordinates 0-1
@um [Optional] [Default= DEGD]
@geoRefSystem [Optional]
| xGeoCoord 1-1
| yGeoCoord 1-1
| zGeoCoord 0-1
traceabilityPartyRole 1-1
@numberingOrg [Optional]
@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]

@listName [Optional]
@listVersion [Optional]

eventOriginatorParty 0-1

id 0-1
@numberingOrg [Optional]
legalName 0-1
dept 0-1
subDept 0-1
person 0-1
@email [Optional]
@phone [Optional]
@fax [Optional]
street 0-1
city 0-1
subCountry 0-1
country 0-1

```

| | | | | postCode 0-1
| | | | | geoCoordinates 0-1
| | | | | @um [Optional] [Default= DEGD]
| | | | | @geoRefSystem [Optional]
| | | | | | xGeoCoord 1-1
| | | | | | yGeoCoord 1-1
| | | | | | zGeoCoord 0-1
| | | | | traceabilityPartyRole 0-1
| | | | | @numberingOrg [Optional]
| | | | | @codeList [Optional] [Default= http://www.ebiz.enea.it/moda-
ml/repository/codelist/Draft/gc_TRKR1.xml]
| | | | | @listName [Optional]
| | | | | @listVersion [Optional]
| | | | | externalRefDoc 0-9
| | | | | docID 1-1
| | | | | @numberingOrg [Optional]
| | | | | docDate 0-1
| | | | | @dateForm [Optional]
| | | | | title 0-unbounded
| | | | | @ln [Optional]
| | | | | description 0-unbounded
| | | | | @ln [Optional]
| | | | | validityStart 0-1
| | | | | @dateForm [Optional]
| | | | | validityEnd 0-1
| | | | | @dateForm [Optional]
| | | | | documentType 0-1
| | | | | issuerParty 0-1
| | | | | | id 0-1
| | | | | | @numberingOrg [Optional]
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| | | | | | dept 0-1
| | | | | | subDept 0-1
| | | | | | person 0-1
| | | | | | @email [Optional]
| | | | | | @phone [Optional]
| | | | | | @fax [Optional]
| | | | | | street 0-1
| | | | | | city 0-1
| | | | | | subCountry 0-1
| | | | | | country 0-1
| | | | | | postCode 0-1
| | | | | | geoCoordinates 0-1
| | | | | | @um [Optional] [Default= DEGD]
| | | | | | @geoRefSystem [Optional]
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| | | | | | | yGeoCoord 1-1
| | | | | | | zGeoCoord 0-1
| | | | | | issuerAccreditationInfo 0-1
| | | | | | signatureInformation 0-1
| | | | | | signatureTypeCode 1-1
| | | | | | signatoryParty 0-unbounded
| | | | | | | id 0-1
| | | | | | | @numberingOrg [Optional]
| | | | | | | legalName 0-1
| | | | | | | dept 0-1
| | | | | | | subDept 0-1
| | | | | | | person 0-1
| | | | | | | @email [Optional]
| | | | | | | @phone [Optional]
| | | | | | | @fax [Optional]
| | | | | | | street 0-1
| | | | | | | city 0-1
| | | | | | | subCountry 0-1
| | | | | | | country 0-1
| | | | | | | postCode 0-1
| | | | | | | geoCoordinates 0-1
| | | | | | | @um [Optional] [Default= DEGD]

```

- | | | | @geoRefSystem [Optional]
- | | | | | xGeoCoord 1-1
- | | | | | yGeoCoord 1-1
- | | | | | zGeoCoord 0-1
- | | **attachment 0-1**
- | | | @uid [Optional]
- | | | | fileName 0-1
- | | | | @numberingOrg [Optional]
- | | | | binaryObject 0-1
- | | | | | @format [Optional]
- | | | | | @mime [Optional]
- | | | | | @encoding [Optional]
- | | | | | @characterSet [Optional]
- | | | **externalReference 0-99**
- | | | | uri 1-1
- | | | | | @isURL [Optional] [Default= true]
- | | | | | mimeTypeCode 0-1
- | | | | | formatCode 0-1
- | | | | | encodingCode 0-1
- | | | | | characterSetCode 0-1
- | | | | hashFootprint 0-1
- | | | | | @schemeID [Optional]
- | | | | | @hashMethod [Required]
- | | | | **blockChainReference 0-9**
- | | | | | uri 1-1
- | | | | | @isURL [Optional] [Default= true]
- | | | | | transactionReceipt 1-9
- | | | note 0-99
- | | | | @numberingOrg [Optional]
- | | | | @codeList [Optional]
- | | | | @noteLabel [Optional]
- | | | note 0-9
- | | | | @numberingOrg [Optional]
- | | | | @codeList [Optional]
- | | | | @noteLabel [Optional]

- or -

- | | **TRCAggregationEvent 1-1**
- | | | @progr [Optional]
- | | | | eventID 1-1
- | | | | | @schemeID [Optional]
- | | | | | eventActionCode 1-1
- | | | | | eventDateTime 1-1
- | | | | | @dateForm [Required]
- | | | | | recordDateTime 1-1
- | | | | | @dateForm [Optional]
- | | | | | certificationInfo 0-9
- | | | | | @schemeID [Optional]
- | | | | | businessStepCode 1-1
- | | | | | @numberingOrg [Optional]
- | | | | | @codeList [Optional]
- | | | | | @listName [Optional]
- | | | | | @listVersion [Optional]
- | | | | **manufacturingStep 0-1**
- | | | | | manufacturingOperationCode 1-1
- | | | | | description 0-9
- | | | | | @ln [Optional]
- | | | | **childComponent 1-unbounded**
- | | | | | @objectInstanceTypeCode [Required]
- | | | | | **objectInstanceIdentification 1-1**
- | | | | | | @objectInstanceTypeCode [Required]
- | | | | | | objectID 1-9
- | | | | | | @schemeID [Required]
- | | | | | **productIDandQty 1-99**
- | | | | | | uniqueProductID 1-1
- | | | | | | @schemeID [Required]
- | | | | | | qty 0-2
- | | | | | | @um [Required]
- | | | | objectTypeCode 1-1


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parentObject 0-unbounded
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  | objectInstanceIdentification 1-1
  |   @objectInstanceTypeCode [Required]
  |   | objectID 1-9
  |   |   @schemeID [Required]
  |   | productIDandQty 1-99
  |   |   uniqueProductID 1-1
  |   |   @schemeID [Required]
  |   |   qty 0-2
  |   |   @um [Required]
  |   objectTypeCode 1-1
  | eventReadLocation 1-1
  |   location 0-1
  |   @LRI [Optional]
  |   legalName 0-1
  |   dept 0-1
  |   subDept 0-1
  |   person 0-1
  |   @email [Optional]
  |   @phone [Optional]
  |   @fax [Optional]
  |   street 0-1
  |   city 0-1
  |   subCountry 0-1
  |   country 0-1
  |   postCode 0-1
  |   geoCoordinates 0-1
  |   @um [Optional] [Default= DEGD]
  |   @geoRefSystem [Optional]
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  |   | yGeoCoord 1-1
  |   | zGeoCoord 0-1
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  |   location 0-1
  |   @LRI [Optional]
  |   legalName 0-1
  |   dept 0-1
  |   subDept 0-1
  |   person 0-1
  |   @email [Optional]
  |   @phone [Optional]
  |   @fax [Optional]
  |   street 0-1
  |   city 0-1
  |   subCountry 0-1
  |   country 0-1
  |   postCode 0-1
  |   geoCoordinates 0-1
  |   @um [Optional] [Default= DEGD]
  |   @geoRefSystem [Optional]
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  |   | yGeoCoord 1-1
  |   | zGeoCoord 0-1
  | eventSourceParty 1-1
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  |   dept 0-1
  |   subDept 0-1
  |   person 0-1
  |   @email [Optional]
  |   @phone [Optional]
  |   @fax [Optional]
  |   street 0-1
  |   city 0-1
  |   subCountry 0-1
  |   country 0-1

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					postCode 0-1
					geoCoordinates 0-1
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					yGeoCoord 1-1
					zGeoCoord 0-1
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					@numberingOrg [Optional]
					@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]
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					@listVersion [Optional]
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					subDept 0-1
					person 0-1
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					@phone [Optional]
					@fax [Optional]
					street 0-1
					city 0-1
					subCountry 0-1
					country 0-1
					postCode 0-1
					geoCoordinates 0-1
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					@geoRefSystem [Optional]
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					yGeoCoord 1-1
					zGeoCoord 0-1
					traceabilityPartyRole 1-1
					@numberingOrg [Optional]
					@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]
					@listName [Optional]
					@listVersion [Optional]
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					id 0-1
					@numberingOrg [Optional]
					legalName 0-1
					dept 0-1
					subDept 0-1
					person 0-1
					@email [Optional]
					@phone [Optional]
					@fax [Optional]
					street 0-1
					city 0-1
					subCountry 0-1
					country 0-1
					postCode 0-1
					geoCoordinates 0-1
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					@geoRefSystem [Optional]
					xGeoCoord 1-1
					yGeoCoord 1-1
					zGeoCoord 0-1
					traceabilityPartyRole 0-1
					@numberingOrg [Optional]
					@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]
					@listName [Optional]
					@listVersion [Optional]
					externalRefDoc 0-9

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 docDate 0-1
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 | @ln [Optional]
 description 0-unbounded
 | @ln [Optional]
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 | @dateForm [Optional]
 validityEnd 0-1
 | @dateForm [Optional]
 documentType 0-1
issuerParty 0-1
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 | dept 0-1
 | subDept 0-1
 | person 0-1
 | | @email [Optional]
 | | @phone [Optional]
 | | @fax [Optional]
 | street 0-1
 | city 0-1
 | subCountry 0-1
 | country 0-1
 | postCode 0-1
geoCoordinates 0-1
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 | @geoRefSystem [Optional]
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 | | yGeoCoord 1-1
 | | zGeoCoord 0-1
 | issuerAccreditationInfo 0-1
signatureInformation 0-1
 | signatureTypeCode 1-1
signatoryParty 0-unbounded
 | id 0-1
 | | @numberingOrg [Optional]
 | legalName 0-1
 | dept 0-1
 | subDept 0-1
 | person 0-1
 | | @email [Optional]
 | | @phone [Optional]
 | | @fax [Optional]
 | street 0-1
 | city 0-1
 | subCountry 0-1
 | country 0-1
 | postCode 0-1
geoCoordinates 0-1
 | @um [Optional] [Default= DEGD]
 | @geoRefSystem [Optional]
 | | xGeoCoord 1-1
 | | yGeoCoord 1-1
 | | zGeoCoord 0-1
attachment 0-1
 | @uid [Optional]
 | fileName 0-1
 | | @numberingOrg [Optional]
 | binaryObject 0-1
 | | @format [Optional]
 | | @mime [Optional]
 | | @encoding [Optional]
 | | @characterSet [Optional]
externalReference 0-99

- | uri 1-1
- | | *@isURL [Optional] [Default= true]*
- | mimeCode 0-1
- | formatCode 0-1
- | encodingCode 0-1
- | characterSetCode 0-1
- | hashFootprint 0-1
- | | *@schemeID [Optional]*
- | | *@hashMethod [Required]*
- | | **blockChainReference 0-9**
- | | uri 1-1
- | | | *@isURL [Optional] [Default= true]*
- | | transactionReceipt 1-9
- | note 0-99
- | | *@numberingOrg [Optional]*
- | | *@codeList [Optional]*
- | | *@noteLabel [Optional]*
- | note 0-9
- | | *@numberingOrg [Optional]*
- | | *@codeList [Optional]*
- | | *@noteLabel [Optional]*

- or -

- | **TRCTransactionEvent 1-1**
- | | *@progr [Optional]*
- | | eventID 1-1
- | | | *@schemeID [Optional]*
- | | eventActionCode 1-1
- | | eventDateTime 1-1
- | | | *@dateForm [Required]*
- | | recordDateTime 1-1
- | | | *@dateForm [Optional]*
- | | certificationInfo 0-9
- | | | *@schemeID [Optional]*
- | | businessStepCode 1-1
- | | | *@numberingOrg [Optional]*
- | | | *@codeList [Optional]*
- | | | *@listName [Optional]*
- | | | *@listVersion [Optional]*
- | | **manufacturingStep 0-1**
- | | | manufacturingOperationCode 1-1
- | | | description 0-9
- | | | | *@ln [Optional]*
- | | **tradeTransaction 1-99**
- | | | tradeTransactionID 1-1
- | | | | *@numberingOrg [Required]*
- | | | | *@schemeID [Optional]*
- | | | tradeTransactionTypeCode 1-1
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- | | | | *@objectInstanceTypeCode [Required]*
- | | | | objectID 1-9
- | | | | | *@schemeID [Required]*
- | | | **productIDandQty 1-99**
- | | | | uniqueProductID 1-1
- | | | | | *@schemeID [Required]*
- | | | | qty 0-2
- | | | | | *@um [Required]*
- | | | objectTypeCode 1-1
- | | **eventReadLocation 1-1**
- | | | location 0-1
- | | | | *@LRI [Optional]*
- | | | legalName 0-1
- | | | dept 0-1
- | | | subDept 0-1
- | | | person 0-1
- | | | | *@email [Optional]*
- | | | | *@phone [Optional]*

```

| | | | | @fax [Optional]
| | | | | street 0-1
| | | | | city 0-1
| | | | | subCountry 0-1
| | | | | country 0-1
| | | | | postCode 0-1
| | | | | geoCoordinates 0-1
| | | | | @um [Optional] [Default= DEGD]
| | | | | @geoRefSystem [Optional]
| | | | | | xGeoCoord 1-1
| | | | | | yGeoCoord 1-1
| | | | | | zGeoCoord 0-1
| | | | | eventBusinessLocation 0-1
| | | | | location 0-1
| | | | | @LRI [Optional]
| | | | | legalName 0-1
| | | | | dept 0-1
| | | | | subDept 0-1
| | | | | person 0-1
| | | | | @email [Optional]
| | | | | @phone [Optional]
| | | | | @fax [Optional]
| | | | | street 0-1
| | | | | city 0-1
| | | | | subCountry 0-1
| | | | | country 0-1
| | | | | postCode 0-1
| | | | | geoCoordinates 0-1
| | | | | @um [Optional] [Default= DEGD]
| | | | | @geoRefSystem [Optional]
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| | | | | | yGeoCoord 1-1
| | | | | | zGeoCoord 0-1
| | | | | eventSourceParty 1-1
| | | | | id 0-1
| | | | | @numberingOrg [Optional]
| | | | | legalName 0-1
| | | | | dept 0-1
| | | | | subDept 0-1
| | | | | person 0-1
| | | | | @email [Optional]
| | | | | @phone [Optional]
| | | | | @fax [Optional]
| | | | | street 0-1
| | | | | city 0-1
| | | | | subCountry 0-1
| | | | | country 0-1
| | | | | postCode 0-1
| | | | | geoCoordinates 0-1
| | | | | @um [Optional] [Default= DEGD]
| | | | | @geoRefSystem [Optional]
| | | | | | xGeoCoord 1-1
| | | | | | yGeoCoord 1-1
| | | | | | zGeoCoord 0-1
| | | | | traceabilityPartyRole 0-1
| | | | | @numberingOrg [Optional]
| | | | | @codeList [Optional] [Default= http://www.ebiz.enea.it/moda-
ml/repository/codelist/Draft/gc_TRKR1.xml]
| | | | | @listName [Optional]
| | | | | @listVersion [Optional]
| | | | | eventDestinationParty 0-1
| | | | | id 0-1
| | | | | @numberingOrg [Optional]
| | | | | legalName 0-1
| | | | | dept 0-1
| | | | | subDept 0-1
| | | | | person 0-1
| | | | | @email [Optional]

```

					<ul style="list-style-type: none"> <i>@phone [Optional]</i> <i>@fax [Optional]</i> street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 <i>@um [Optional] [Default= DEGD]</i> <i>@geoRefSystem [Optional]</i> xGeoCoord 1-1 yGeoCoord 1-1 zGeoCoord 0-1 traceabilityPartyRole 1-1 <i>@numberingOrg [Optional]</i> <i>@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</i> <i>@listName [Optional]</i> <i>@listVersion [Optional]</i> eventOriginatorParty 0-1 id 0-1 <i>@numberingOrg [Optional]</i> legalName 0-1 dept 0-1 subDept 0-1 person 0-1 <i>@email [Optional]</i> <i>@phone [Optional]</i> <i>@fax [Optional]</i> street 0-1 city 0-1 subCountry 0-1 country 0-1 postCode 0-1 geoCoordinates 0-1 <i>@um [Optional] [Default= DEGD]</i> <i>@geoRefSystem [Optional]</i> xGeoCoord 1-1 yGeoCoord 1-1 zGeoCoord 0-1 traceabilityPartyRole 0-1 <i>@numberingOrg [Optional]</i> <i>@codeList [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</i> <i>@listName [Optional]</i> <i>@listVersion [Optional]</i> externalRefDoc 0-9 docID 1-1 <i>@numberingOrg [Optional]</i> docDate 0-1 <i>@dateForm [Optional]</i> title 0-unbounded <i>@ln [Optional]</i> description 0-unbounded <i>@ln [Optional]</i> validityStart 0-1 <i>@dateForm [Optional]</i> validityEnd 0-1 <i>@dateForm [Optional]</i> documentType 0-1 issuerParty 0-1 id 0-1 <i>@numberingOrg [Optional]</i> legalName 0-1 dept 0-1 subDept 0-1 person 0-1 <i>@email [Optional]</i>
--	--	--	--	--	--

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 | @fax [Optional]
 | street 0-1
 | city 0-1
 | subCountry 0-1
 | country 0-1
 | postCode 0-1
 | **geoCoordinates 0-1**
 | @um [Optional] [Default= DEGD]
 | @geoRefSystem [Optional]
 | | xGeoCoord 1-1
 | | yGeoCoord 1-1
 | | zGeoCoord 0-1
 | issuerAccreditationInfo 0-1
 | **signatureInformation 0-1**
 | signatureTypeCode 1-1
 | **signatoryParty 0-unbounded**
 | | id 0-1
 | | @numberingOrg [Optional]
 | | legalName 0-1
 | | dept 0-1
 | | subDept 0-1
 | | person 0-1
 | | @email [Optional]
 | | @phone [Optional]
 | | @fax [Optional]
 | | street 0-1
 | | city 0-1
 | | subCountry 0-1
 | | country 0-1
 | | postCode 0-1
 | | **geoCoordinates 0-1**
 | | @um [Optional] [Default= DEGD]
 | | @geoRefSystem [Optional]
 | | | xGeoCoord 1-1
 | | | yGeoCoord 1-1
 | | | zGeoCoord 0-1
 | **attachment 0-1**
 | @uid [Optional]
 | | fileName 0-1
 | | @numberingOrg [Optional]
 | | binaryObject 0-1
 | | @format [Optional]
 | | @mime [Optional]
 | | @encoding [Optional]
 | | @characterSet [Optional]
 | | **externalReference 0-99**
 | | | uri 1-1
 | | | @isURL [Optional] [Default= true]
 | | | mimeTypeCode 0-1
 | | | formatCode 0-1
 | | | encodingCode 0-1
 | | | characterSetCode 0-1
 | | hashFootprint 0-1
 | | @schemeID [Optional]
 | | @hashMethod [Required]
 | | **blockChainReference 0-9**
 | | | uri 1-1
 | | | @isURL [Optional] [Default= true]
 | | | transactionReceipt 1-9
 | note 0-99
 | | @numberingOrg [Optional]
 | | @codeList [Optional]
 | | @noteLabel [Optional]
 | note 0-9
 | | @numberingOrg [Optional]
 | | @codeList [Optional]
 | | @noteLabel [Optional]

```
- end choose -
| | | | note 0-9
| | | | @numberingOrg [Optional]
| | | | @codeList [Optional]
| | | | @noteLabel [Optional]
| | | note 0-9
| | | @numberingOrg [Optional]
| | | @codeList [Optional]
| | | @noteLabel [Optional]
```


2.2 Detailed description of document elements

Following tables show all elements (complex and simple) used in this document. Description includes: 1) element's information: xml tag, name, brief description, 2) data type and syntax constraints, 3) information about usage of the element in a particular position in the document: aggregation notes..

2.2.1 Complex elements (Aggregate Business Information Entities)

Complex elements are those elements whose content is composed of other elements (childs).Complex elements are alphabetically ordered.

attachment	<p>an attached document. An attachment can refer to an external document or be included with the document being exchanged</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/externalRefDoc/attachment: 0-1</p> <p>- note for this position: <i>indicates where to find the document or contains it as a binary object (the second option is not recommended for practical reasons)</i></p> <p>XPath TRCTRAReport/TRCHeader/certificate/attachment: 0-1</p> <p>- note for this position: <i>indicates where to find the document or contains it as a binary object (the second option is not recommended for practical reasons)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/externalRefDoc/attachment: 0-1</p> <p>- note for this position: <i>indicates where to find the document or contains it as a binary object (the second option is not recommended for practical reasons)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/externalRefDoc/attachment: 0-1</p> <p>- note for this position: <i>indicates where to find the document or contains it as a binary object (the second option is not recommended for practical reasons)</i></p> <p>XPath TRCTRAReport/TRCHeader/externalRefDoc/attachment: 0-1</p> <p>- note for this position: <i>indicates where to find the document or contains it as a binary object (the second option is not recommended for practical reasons)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/externalRefDoc/attachment: 0-1</p> <p>- note for this position: <i>indicates where to find the document or contains it as a binary object (the second option is not recommended for practical reasons)</i></p>
blockChainReference	<p>blockchain reference</p> <p>- base type: string, max length: 80,</p>
certificate	<p>Reference and details relating to a document containing a certification issued by a third party who is entitled to issue it</p> <p>- base type: ,</p>
certifiedEntity	<p>The entity (organisation, process, product..) for which the certification is valid.</p> <p>- base type: ,</p>
certifiedParty	<p>identification and details of the party to whom the certificate has been issued</p> <p>- base type: Nad,</p>
childComponent	<p>instance or lot used as a component of an aggregate object. Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size.</p> <p>- base type: ,</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/childComponent: 1-unbounded</p> <p>- note for this position: <i>components used to obtain the output</i></p>
eventBusinessLocation	<p>data relating to a business place related to the event (indicate at least element location or address, city and country)</p> <p>- base type: Nad,</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventBusinessLocation: 0-1</p> <p>- note for this position: <i>where the object is AFTER the event took place, up to any other event that changes the location. Use only when different from eventReadLocation</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventBusinessLocation: 0-1</p> <p>- note for this position: <i>where the object is AFTER the event took place, up to any other</i></p>

	<p><i>r event that changes the location. Use only when different from eventReadLocation</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/eventBusinessLocation: 0-1</p> <p>- note for this position: <i>where the object is AFTER the event took place, up to any other event that changes the location. Use only when different from eventReadLocation</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventBusinessLocation: 0-1</p> <p>- note for this position: <i>where the object is AFTER the event took place, up to any other event that changes the location. Use only when different from eventReadLocation</i></p>
eventDestinationParty	<p>identification and details of the party to whom an event is addressed</p> <p>- base type: Nad, XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/eventDestinationParty: 0-1</p> <p>- note for this position: <i>In case of transfer (physical transfer or ownership or custody, et c...) described by the event, indicates the subject or place intended as recipient or destination</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventDestinationParty: 0-1</p> <p>- note for this position: <i>In case of transfer (physical transfer or ownership or custody, et c...) described by the event, indicates the subject or place intended as recipient or destination</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventDestinationParty: 0-1</p> <p>- note for this position: <i>In case of transfer (physical transfer or ownership or custody, et c...) described by the event, indicates the subject or place intended as recipient or destination</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventDestinationParty: 0-1</p> <p>- note for this position: <i>In case of transfer (physical transfer or ownership or custody, et c...) described by the event, indicates the subject or place intended as recipient or destination</i></p>
eventOriginatorParty	<p>identification and details of the party on whose behalf an event occurred (if different from source or destination party)</p> <p>- base type: Nad,</p>
eventReadLocation	<p>data relating to a place where the event was detected (indicate at least element location or address, city and country)</p> <p>- base type: Nad, XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventReadLocation: 1-1</p> <p>- note for this position: <i>read point at which the event took place</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/eventReadLocation: 1-1</p> <p>- note for this position: <i>read point at which the event took place</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventReadLocation: 1-1</p> <p>- note for this position: <i>read point at which the event took place</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventReadLocation: 1-1</p> <p>- note for this position: <i>read point at which the event took place</i></p>
eventSourceParty	<p>identification and details of the party that triggered an event</p> <p>- base type: Nad, XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventSourceParty: 1-1</p> <p>- note for this position: <i>It can indicate both the party who carried out the event and the place where it took place (or despatch place in case of transfer)</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/eventSourceParty: 1-1</p> <p>- note for this position: <i>It can indicate both the party who carried out the event and the place where it took place (or despatch place in case of transfer)</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventSourceParty: 1-1</p> <p>- note for this position: <i>It can indicate both the party who carried out the event and the place where it took place (or despatch place in case of transfer)</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventSourceParty: 1-1</p> <p>- note for this position: <i>It can indicate both the party who carried out the event and the</i></p>

	<i>place where it took place (or despatch place in case of transfer)</i>
externalRefDoc	external document, used to refer generic office documents (like pdf, docx, xls, for example shop window instructions) - base type: , XPath TRCTRAReport/TRCHeader/externalRefDoc: 0-9 - note for this position: <i>reference to a document produced by or towards third parties (e.g. customs declarations, waybills, etc.) In case of Despatch or Receive, any logistic documents (e.g. CMR) must be indicated here.</i>
externalReference	details about an external object, such as a document stored at a remote location
geoCoordinates	geographical coordinates
inputComponent	input instance or lot. Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size. - base type: , XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/inputComponent: 1-unbounded - note for this position: <i>input components to obtain the resulting output</i>
issuerParty	Details of the party that issued the document. - base type: Nad,
manufacturingStep	Describes the action performed that triggered the event. It is a description of a step in the manufacturing process of which the event is a part.
objectInstanceIdentification	Identification of an object instance, it could contain more than one identifier of the same object as long as they refer to different identification schemes XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/transactionObject/objectInstanceIdentification: 1-1 - note for this position: <i>unique identifier of the traced object.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/inputComponent/objectInstanceIdentification: 1-1 - note for this position: <i>unique identifier of the traced object.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/outputObject/objectInstanceIdentification: 1-1 - note for this position: <i>unique identifier of the traced object.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/childComponent/objectInstanceIdentification: 1-1 - note for this position: <i>unique identifier of the traced object.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/parentObject/objectInstanceIdentification: 1-1 - note for this position: <i>unique identifier of the traced object.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/tracedObject/objectInstanceIdentification: 1-1 - note for this position: <i>unique identifier of the traced object.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/tracedObject/objectInstanceIdentification: 1-1 - note for this position: <i>unique identifier of the traced object.</i>
outputObject	output instance or lot. Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size. - base type: , XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/outputObject: 0-unbounded - note for this position: <i>output objects resulting from the transformation of the input components. It should be used only when it is necessary to indicate a subset of the traced Objects indicated at item level TRCTraRepltem</i>
parentObject	parent lot or instance. Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size. - base type: , XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/parentObject: 0-unbounded - note for this position: <i>output objects resulting from the aggregation of the input comp</i>

	<p>onents. It should be used only when it is necessary to indicate a subset of the traced Objects indicated at item level TRCTraRepltem</p>
productIDandQty	<p>product identifier and its quantity XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/outputObject/productIDandQty: 1-99 - note for this position: <i>inside an event it should indicate the effectively USED (input) or RESULTING (output) quantity of the lot as a consequence of the event. Max cardinality is 1 when @objectInstanceTypeCode='IST'</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ tracedObject/productIDandQty: 1-99 - note for this position: <i>inside an event it should indicate the effectively USED (input) or RESULTING (output) quantity of the lot as a consequence of the event. Max cardinality is 1 when @objectInstanceTypeCode='IST'</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/transactionObject/productIDandQty: 1-99 - note for this position: <i>inside an event it should indicate the effectively USED (input) or RESULTING (output) quantity of the lot as a consequence of the event. Max cardinality is 1 when @objectInstanceTypeCode='IST'</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/tracedObject/productIDandQty: 1-99 - note for this position: <i>inside an event it should indicate the effectively USED (input) or RESULTING (output) quantity of the lot as a consequence of the event. Max cardinality is 1 when @objectInstanceTypeCode='IST'</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/inputComponent/productIDandQty: 1-99 - note for this position: <i>inside an event it should indicate the effectively USED (input) or RESULTING (output) quantity of the lot as a consequence of the event. Max cardinality is 1 when @objectInstanceTypeCode='IST'</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/parentObject/productIDandQty: 1-99 - note for this position: <i>inside an event it should indicate the effectively USED (input) or RESULTING (output) quantity of the lot as a consequence of the event. Max cardinality is 1 when @objectInstanceTypeCode='IST'</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/childComponent/productIDandQty: 1-99 - note for this position: <i>inside an event it should indicate the effectively USED (input) or RESULTING (output) quantity of the lot as a consequence of the event. Max cardinality is 1 when @objectInstanceTypeCode='IST'</i></p>
receiverParty	<p>Details of the party receiving the document. - base type: Nad,</p>
refDoc	<p>identification of a document and of an item thereof, to which the message makes reference XPath TRCTRAReport/TRCHeader/refDoc: 0-9 - note for this position: <i>reference to a document produced in the framework of the collaboration activities between the parties (e.g. order, catalog, price list, etc.)</i></p>
senderParty	<p>Details of the party sending the document. - base type: Nad,</p>
signatoryParty	<p>Details of the party that signed the document. - base type: Nad,</p>
signatureInformation	<p>information about the document signature</p>
thirdParty	<p>identification and details of the Third Party, different from Sender and Receiver of the document - base type: Nad,</p>
tracedObject	<p>traced product instance or lot. Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size. - base type: , XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/tracedObject: 1-unbounded - note for this position: <i>they can be more than one but they must have the same traceability history; if lots have a different traceability history, they must be in different items</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/tracedObject: 0-unbounded</p>

	- note for this position: <i>object of the event; it should be used only when it is necessary to indicate a subset of the tracedObjects indicated at item level TRCTraRepltem</i>
tradeTransaction	a trade transaction (associated with a commercial document, such as an order or shipment, exchanged between the parties) XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/tradeTransaction: 1-99 - note for this position: <i>indicates trade transaction(s) (for example invoice or order response) to which the transactionObject are associated</i>
transactionObject	instance or lot of the transaction event. Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size. - base type: , XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/transactionObject: 0-unbounded Best Practice - note for this position: <i>objects associated/disassociated to the transaction. It should be used only when it is necessary to indicate a subset of the tracedObjects indicated at item level TRCTraRepltem</i>
TRCAggregationEvent	Information on an event concerning the aggregation/disaggregation of one or more components into one or more new physical or digital objects declared at the item or event level. For example the assembly of a garment or the creation of a lot - base type: ,
TRCEventList	traceability event list. Preferably in chronological order. min length: 1, max length: 9999,
TRCheader	header of the Traceability documents ("Traceability Receiving Advise", "Traceability Dispatching Advise", "Traceability Report", "Transparency and Sustainability Report")
TRCObjectEvent	Information about an event concerning one or more physical or digital objects declared at item or event level. The object identifiers do not change due to this event. Examples are dyeing or dispatching of a product lot. - base type: ,
TRCTransactionEvent	Information on an event that associates / disassociates one or more physical or digital objects -at level of TRCTransactionEvent or TRCTraRepltem- to a TradeTransaction. For example, a batch of products associated with an order confirmation or an invoice - base type: ,
TRCTransformationEvent	Information about an event regarding the transformation of one or more components to obtain one or more new physical or digital objects declared at the item or event level. For example weaving of yarn to obtain fabric. - base type: ,
TRCTraRepltem	Item of the traceability report, contains data related to one or more objects (Lots or Items) that share the same history (for example clothing lots of the same product in different sizes from same fabric and subcontractor) XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem: 1-unbounded - note for this position: <i>generally, one instance of TRCTraRepltem per lot or production item; it contains the entire history of traceability. In special cases there may be more lots or production items in the same TRCTraRepltem.</i>
TRCTraReportBody	body of the document TRACEABILITY REPORT for one or more lots or items of a good

2.2.2 Simple elements (Basic Business Information Entities)

Simple elements are those elements whose content is characterized by a data type plus a domain of possible values. Simple elements are alphabetically ordered.

@accomplishedProductionIndicator	Indicates whether the product production cycle has been completed, and therefore the product is finished ('true' value = cycle completed, 'false' or absent = cycle not completed) - base type: boolean,
binaryObject	a binary large object containing an attached document, Coding 'base64Binary' is recommended

	mended. - base type: base64Binary,
businessStepCode	It is the code that indicates an action in the business process. It is recommended to declare the codeList or at least the numberingOrg - base type: string,
certificateID	Identifier of the certificate assigned by the issuer - base type: string,
certificationInfo	reference to a certification (URL or identifier according to the schemeID) It is recommended to use the certification identifier released by the issuer - base type: string, XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/certificationInfo: 0-9 - note for this position: <i>each certificationInfo must refer to a different certificate</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/certificationInfo: 0-9 - note for this position: <i>each certificationInfo must refer to a different certificate</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/certificationInfo: 0-9 - note for this position: <i>each certificationInfo must refer to a different certificate</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCAggregationEvent/certificationInfo: 0-9 - note for this position: <i>each certificationInfo must refer to a different certificate</i>
certificationStandardName	it indicates the specification that has been used as normative basis of the certificate. (examples: 'GRS-global recycling standard' or 'Standard 100 OEKO-TEX') - base type: string,
@characterSet	the character set of the binary object (examples UTF-8, UTF-16, Windows-1252, ISO-8859-7,..) - base type: normalizedString,
characterSetCode	the character set of an external document (examples UTF-8, UTF-16, Windows-1252, ISO-8859-7,..) - base type: normalizedString,
city	name of the city (town, village) - base type: string, max length: 40,
@codeList	it specifies the URL where the list of codes used to make an instance of the element can be found - base type: string, max length: 255, XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/eventOriginatorParty/traceabilityPartyRole/@codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml] - note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCAggregationEvent/eventOriginatorParty/traceabilityPartyRole/@codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml] - note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/note/@codeList: [Optional] - note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/eventOriginatorParty/traceabilityPartyRole/@codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml] - note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i> XPath TRCTRAReport/TRCHeader/externalRefDoc/note/@codeList: [Optional] - note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/note/@codeList: [Optional]

	<p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/eventSourceParty/traceabilityPartyRole/ @codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/externalRefDoc/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/eventDestinationParty/traceabilityPartyRole/ @codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCHeader/refDoc/season/@codeList: [Optional]</p> <p>- note for this position: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/externalRefDoc/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCIntegrationEvent/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCIntegrationEvent/externalRefDoc/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/externalRefDoc/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCHeader/certificate/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCIntegrationEvent/eventDestinationParty/traceabilityPartyRole/ @codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/eventSourceParty/traceabilityPartyRole/ @codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/eventSourceParty/traceabilityPartyRole/ @codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i> XPath TRCTRAReport/TRCHeader/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/</p>
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	<p>TRCEventList/TRCObjectEvent/eventOriginatorParty/traceabilityPartyRole/@codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCTransactionEvent/note/@codeList: [Optional]</p> <p>- note for this position: <i>must be used to provide (URL) the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCObjectEvent/eventSourceParty/traceabilityPartyRole/@codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCTransformationEvent/eventDestinationParty/traceabilityPartyRole/@codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCObjectEvent/eventDestinationParty/traceabilityPartyRole/@codeList: [Optional] [Default= http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml]</p> <p>- note for this position: <i>recommended value is http://www.ebiz.enea.it/moda-ml/repository/codelist/Draft/gc_TRKR1.xml</i></p>
@componentsHistoryIncluded	<p>Indicates whether this element includes information about ONE primary lot, its history and history of its events (=0) or if it ALSO contains the history of its components (=1)</p> <p>- base type: integer,</p>
country	<p>code of the nation</p> <p>- base type: string, cod. table: T10</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T10.xml</p>
@dateForm	<p>format used for the date</p> <p>- base type: string, cod. table: NT29</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT29.xml</p>
dept	<p>name or code of a department</p> <p>- base type: string, max length: 40,</p>
description	<p>free text description. The content of the element must be unique, it might be translated and repeated into more languages (thus no more than one instance for each language).</p> <p>- base type: string, max length: 250,</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCTransformationEvent/externalRefDoc/description: 0-unbounded</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCTransformationEvent/manufacturingStep/description: 0-9</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCObjectEvent/manufacturingStep/description: 0-9</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCTransactionEvent/externalRefDoc/description: 0-unbounded</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/TRCEventList/TRCObjectEvent/externalRefDoc/description: 0-unbounded</p>

	<p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/externalRefDoc/description: 0-unbounded</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i> XPath TRCTRAReport/TRCHeader/certificate/certifiedEntity/description: 0-9</p> <p>- note for this position: <i>Name or short textual description of the entity. Only one instance of this element for each different value of 'In' attribute (language)</i> XPath TRCTRAReport/TRCHeader/externalRefDoc/description: 0-unbounded</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/manufacturingStep/description: 0-9</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i> XPath TRCTRAReport/TRCHeader/certificate/description: 0-unbounded</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCAggregationEvent/manufacturingStep/description: 0-9</p> <p>- note for this position: <i>Only one instance of this element for each different value of 'In' attribute (language)</i></p>
docDate	<p>date of issue of the referenced document, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW. - base type: string,</p>
docID	<p>identification number of the referenced document - base type: string, max length: 80, XPath TRCTRAReport/TRCHeader/certificate/docID: 1-1 - note for this position: <i>reference to the internal certificate to the systems of the participants in the supply chain</i></p>
@docStatusCode	<p>current status of the document - base type: decimal, cod. table: NT313 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT313.xml</p>
@docType	<p>type or class to which the referenced document belongs - base type: string, cod. table: T21 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml</p>
documentType	<p>type or class to which the document belongs - base type: string, cod. table: T21 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml</p>
@docValidity	<p>document current validity indicator - base type: boolean,</p>
@email	<p>electronic mail address of the contact person within a Party - base type: string, max length: 250,</p>
@encoding	<p>specifies the decoding algorithm of the binary object - base type: normalizedString,</p>
encodingCode	<p>the encoding/decoding algorithm used with the external object (example is 'base64Binary') - base type: normalizedString,</p>
entityID	<p>unique identification number assigned to an entity. - base type: string, XPath TRCTRAReport/TRCHeader/certificate/certifiedEntity/entityID: 1-3 - note for this position: <i>Identifier of the entity. More values are allowed as long as they refer to the same entity according to different identification schemes (different schemeID value)</i></p>
entityTypeCode	<p>code that indicates the type of entity to which we refer - base type: string, cod. table: NT201 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT201.xml</p>
eventActionCode	<p>code that indicates the action performed by the event (for example the elimination or creation of objects; or the simple modification)</p>

	- base type: string, cod. table: NT204 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT204.xml
eventDateTime	The date or date time value at which this event occurred. Formatted according to the pattern indicated by the dateForm attribute. - base type: string,
eventID	unique identification number assigned to an event. - base type: string,
@exhaustiveInformation	indicates that the provided information is guaranteed as exhaustive (all the information are mentioned – with the only limitations due to the access rights-) or non-exhaustive (the list contains just some elements): value true=exhaustive - base type: boolean, XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/@exhaustiveInformation: [Optional] - note for this position: <i>it must be used if and only if the document is an information report (TRCReportFunction = REP). indicates whether the history of the traceability unit reported is complete.</i>
@fax	fax number of the contact person within a Party - base type: string, max length: 35,
fileName	unique identifier (name) of the file - base type: string, max length: 255,
@format	the format of the binary content (examples xml, pdf, doc,...) - base type: string,
formatCode	the format of the external object (examples xml, pdf, doc,...) - base type: normalizedString,
@geoRefSystem	georeference system adopted for the coordinate (in example wgs84 with decimal degree or degree with minute and seconds) - base type: string,
hashFootprint	footprint obtained by applying an hashing algorithm - base type: string, max length: 80,
@hashMethod	type of used hashing algorithm - base type: string, max length: 80, cod. table: NT333 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT333.xml
id	primary identification code of a Party; it is recommended to use an EORI number (with @numberingOrg= "EO") or the format: nation code (ISO 3166) + national tax code (i.e. VAT identification number) with @numberingOrg= "MF" - base type: string, max length: 15,
issuerAccreditationInfo	accrediting information of the issuer of the document - base type: string,
@isURL	it indicates if the referred element is an URL (true) or not (false) - base type: boolean, XPath TRCTRAReport/TRCHeader/refDoc/attachment/externalReference/uri/@isURL: [Optional] [Default= true] - note for this position: <i>usage of URLs is recommended</i> XPath TRCTRAReport/TRCHeader/certificate/attachment/blockChainReference/uri/@isURL: [Optional] [Default= true] - note for this position: <i>usage of URLs is recommended</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/externalRefDoc/attachment/blockChainReference/uri/@isURL: [Optional] [Default= true] - note for this position: <i>usage of URLs is recommended</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/externalRefDoc/attachment/blockChainReference/uri/@isURL: [Optional] [Default= true] - note for this position: <i>usage of URLs is recommended</i> XPath TRCTRAReport/TRCHeader/externalRefDoc/attachment/externalReference/uri/@isURL: [Optional] [Default= true] - note for this position: <i>usage of URLs is recommended</i> XPath TRCTRAReport/TRCHeader/refDoc/attachment/blockChainReference/uri/@isURL: [Optional] [Default= true] - note for this position: <i>usage of URLs is recommended</i>

	<p>XPath TRCTRAReport/TRCHeader/certificate/attachment/externalReference/uri/@isURL: [Optional] [Default= true]</p> <p>- note for this position: <i>usage of URLs is recommended</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/externalRefDoc/attachment/externalReference/uri/@isURL: [Optional] [Default= true]</p> <p>- note for this position: <i>usage of URLs is recommended</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/externalRefDoc/attachment/blockChainReference/uri/@isURL: [Optional] [Default= true]</p> <p>- note for this position: <i>usage of URLs is recommended</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/externalRefDoc/attachment/externalReference/uri/@isURL: [Optional] [Default= true]</p> <p>- note for this position: <i>usage of URLs is recommended</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/externalRefDoc/attachment/externalReference/uri/@isURL: [Optional] [Default= true]</p> <p>- note for this position: <i>usage of URLs is recommended</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/externalRefDoc/attachment/externalReference/uri/@isURL: [Optional] [Default= true]</p> <p>- note for this position: <i>usage of URLs is recommended</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/externalRefDoc/attachment/blockChainReference/uri/@isURL: [Optional] [Default= true]</p> <p>- note for this position: <i>usage of URLs is recommended</i></p> <p>XPath TRCTRAReport/TRCHeader/externalRefDoc/attachment/blockChainReference/uri/@isURL: [Optional] [Default= true]</p> <p>- note for this position: <i>usage of URLs is recommended</i></p>
itemID	<p>number of the line/item of the referenced document</p> <p>- base type: string, max length: 40,</p>
legalName	<p>legal name</p> <p>- base type: string, max length: 250,</p>
@limitedByDisclosureIndicator	<p>indicates whether the content has been restricted by the enforcement of accessibility rights (i.e. it may not be complete): true = restricted, false = not restricted</p> <p>- base type: boolean,</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/@limitedByDisclosureIndicator: [Optional]</p> <p>- note for this position: <i>must be used if and only if the document is an information report (TRCReportFunction = REP)</i></p>
lineID	<p>unique identifier of the line item of the business document; it is set by the role that produces the document.</p> <p>- base type: string, max length: 30,</p>
lineN	<p>number of the line item of the present message (xml document); it is set by the role that produces the document. Usually it is a progressive number, but not always.</p> <p>- base type: positiveInteger, min inclusive: 1, max inclusive: 9999,</p>
@listName	<p>the name of the list of codes used to make an instance of the element (it might be thought as descriptive element, i.e. 'fabric printing technologies', or not, i.e. "T264")</p> <p>- base type: string, max length: 40,</p> <p>XPath TRCTRAReport/TRCHeader/refDoc/season/@listName: [Optional]</p> <p>- note for this position: <i>this attribute should always be used coupled with "numberingOr g"</i></p>
@listVersion	<p>it specifies the version of the list of codes used to make an instance of the element</p> <p>- base type: string, max length: 6,</p> <p>XPath TRCTRAReport/TRCHeader/refDoc/season/@listVersion: [Optional]</p> <p>- note for this position: <i>this attribute should always be used coupled with "numberingOr g" and "listName"</i></p>
@In	<p>Language code.</p> <p>- base type: string, cod. table: NT60</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT60.xml</p> <p>XPath TRCTRAReport/TRCHeader/certificate/sustainabilityCharacteristicText/@In: [O</p>

	<p>ptional]</p> <p>- note for this position: <i>Indicates the language of the text</i></p>
location	<p>specification of a location. It can be represented by an identification code (preferable) or a short text (not recommended). For example a GLN code that requires to assign the value "GLN" to the attribute @LRI.</p> <p>- base type: string, max length: 128, XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCAggregationEvent/eventReadLocation/location: 0-1</p> <p>- note for this position: <i>Use this element only to indicate an identification code of this place.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/eventBusinessLocation/location: 0-1</p> <p>- note for this position: <i>Use this element only to indicate an identification code of this place.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/eventReadLocation/location: 0-1</p> <p>- note for this position: <i>Use this element only to indicate an identification code of this place.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/eventReadLocation/location: 0-1</p> <p>- note for this position: <i>Use this element only to indicate an identification code of this place.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/eventBusinessLocation/location: 0-1</p> <p>- note for this position: <i>Use this element only to indicate an identification code of this place.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCAggregationEvent/eventBusinessLocation/location: 0-1</p> <p>- note for this position: <i>Use this element only to indicate an identification code of this place.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/eventReadLocation/location: 0-1</p> <p>- note for this position: <i>Use this element only to indicate an identification code of this place.</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/eventBusinessLocation/location: 0-1</p> <p>- note for this position: <i>Use this element only to indicate an identification code of this place.</i></p>
@LRI	<p>issuer of the identifier (or identification system) of a location.</p> <p>- base type: string, cod. table: NT3 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT3.xml</p>
manufacturingOperationCode	<p>single manufacturing operation type</p> <p>- base type: string, cod. table: T305 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T305.xml</p>
@mime	<p>the mime type of the binary object</p> <p>- base type: normalizedString,</p>
mimeCode	<p>mime type of the external object</p> <p>- base type: normalizedString,</p>
msgDate	<p>date of issue of the present message (xml document), according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.</p> <p>- base type: string,</p>
msgID	<p>key identifier of the business document in the information system of the issuing Party. In case of more despatches of the same business document, it is unchanged.</p> <p>- base type: string, max length: 35,</p>
msgN	<p>identification number given to the message (xml document) by its issuer. In case of more despatches of the same business document, it changes.</p> <p>- base type: string, max length: 35, XPath TRCTRAReport/TRCHeader/msgN: 1-1</p> <p>- note for this position: <i>in the case of Traceability Report or Transparency Report this identifier corresponds to a UNIQUE identifier assigned by the platform (for example TRRN)</i></p>
note	<p>free text or structured (computer processing) note. For note structuring use the attribut</p>

	<p>es "noteLabel" and "codelist" - base type: string, max length: 350,</p>
<p>@noteLabel</p>	<p>subject qualifier of a note - base type: string, max length: 35, XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/externalRefDoc/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/externalRefDoc/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCHeader/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/externalRefDoc/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCHeader/certificate/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCHeader/externalRefDoc/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/externalRefDoc/note/@noteLabel: [Optional] - note for this position: <i>must be used to qualify the subject of the note</i></p>
<p>@numberingOrg</p>	<p>code specifying the organisation who has created or owns the coding or numbering system - base type: string, cod. table: NT6 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT6.xml XPath TRCTRAReport/TRCHeader/externalRefDoc/docID/@numberingOrg: [Optional] - note for this position: <i>here can be specified whose document numbering is used (e.g. : Client, Supplier, ..)</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/externalRefDoc/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCHeader/certificate/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i> XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/externalRefDoc/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p>

	<p>XPath TRCTRAReport/TRCHeader/refDoc/season/@numberingOrg: [Optional] - note for this position: <i>this attribute should be used either single or coupled with "listName" and "listVersion"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/externalRefDoc/docID/@numberingOrg: [Optional] - note for this position: <i>here can be specified whose document numbering is used (e.g. : Client, Supplier, ..)</i></p> <p>XPath TRCTRAReport/TRCHeader/refDoc/docID/@numberingOrg: [Optional] - note for this position: <i>here can be specified whose document numbering is used (e.g. : Client, Supplier, ..)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/externalRefDoc/docID/@numberingOrg: [Optional] - note for this position: <i>here can be specified whose document numbering is used (e.g. : Client, Supplier, ..)</i></p> <p>XPath TRCTRAReport/TRCHeader/externalRefDoc/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/externalRefDoc/docID/@numberingOrg: [Optional] - note for this position: <i>here can be specified whose document numbering is used (e.g. : Client, Supplier, ..)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/externalRefDoc/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/externalRefDoc/docID/@numberingOrg: [Optional] - note for this position: <i>here can be specified whose document numbering is used (e.g. : Client, Supplier, ..)</i></p> <p>XPath TRCTRAReport/TRCHeader/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/externalRefDoc/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCHeader/certificate/docID/@numberingOrg: [Optional] - note for this position: <i>here can be specified whose document numbering is used (e.g. : Client, Supplier, ..)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/note/@numberingOrg: [Optional] - note for this position: <i>must be used to specify the organization that created the list of codes used in "noteLabel"</i></p>
objectID	<p>Object identifier - base type: string, XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/childComponent/objectInstanceIdentification/objectID: 1-9 - note for this position: <i>multiple values of objectID are allowed for different representations of the same object that must differ for the value of schemeID. In traceability transactions there must be at least the UNIQUE code assigned by the platform (e.g. TRN)</i></p>

	<p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ tracedObject/objectInstanceIdentification/objectID: 1-9</p> <p>- note for this position: <i>multiple values of objectID are allowed for different representations of the same object that must differ for the value of schemeID. In traceability transactions there must be at least the UNIQUE code assigned by the platform (e.g. TRN)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/parentObject/objectInstanceIdentification/objectID: 1-9</p> <p>- note for this position: <i>multiple values of objectID are allowed for different representations of the same object that must differ for the value of schemeID. In traceability transactions there must be at least the UNIQUE code assigned by the platform (e.g. TRN)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/outputObject/objectInstanceIdentification/objectID: 1-9</p> <p>- note for this position: <i>multiple values of objectID are allowed for different representations of the same object that must differ for the value of schemeID. In traceability transactions there must be at least the UNIQUE code assigned by the platform (e.g. TRN)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/inputComponent/objectInstanceIdentification/objectID: 1-9</p> <p>- note for this position: <i>multiple values of objectID are allowed for different representations of the same object that must differ for the value of schemeID. In traceability transactions there must be at least the UNIQUE code assigned by the platform (e.g. TRN)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/tracedObject/objectInstanceIdentification/objectID: 1-9</p> <p>- note for this position: <i>multiple values of objectID are allowed for different representations of the same object that must differ for the value of schemeID. In traceability transactions there must be at least the UNIQUE code assigned by the platform (e.g. TRN)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/transactionObject/objectInstanceIdentification/objectID: 1-9</p> <p>- note for this position: <i>multiple values of objectID are allowed for different representations of the same object that must differ for the value of schemeID. In traceability transactions there must be at least the UNIQUE code assigned by the platform (e.g. TRN)</i></p>
@objectInstanceTypeCode	<p>code that identifies the type of object instance</p> <p>- base type: string, cod. table: NT202</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT202.xml</p>
objectTypeCode	<p>code that identifies the type of object</p> <p>- base type: string, cod. table: T302</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T302.xml</p>
person	<p>name of a person (e.g. contact person within an organization)</p> <p>- base type: string, max length: 40,</p>
@phone	<p>phone number of the contact person within a Party</p> <p>- base type: string, max length: 35,</p>
postCode	<p>code defining the postal zone</p> <p>- base type: string, max length: 10,</p>
@primaryItemFlag	<p>indicates that the current item is the primary item of the report.</p> <p>- base type: boolean,</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/@primaryItemFlag: [Optional] [Default= false]</p> <p>- note for this position: <i>It is used only in reports dedicated to a single tracking unit (TRCReportFunction is FULLSINGLEHISTORY) to distinguish the item of the tracked unit from those of its components.</i></p>
@progr	<p>progressive number in the sequence</p> <p>- base type: positiveInteger, min inclusive: 1,</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/@progr: [Optional]</p> <p>- note for this position: <i>Indicates the position of the event in the time sequence related to the parent TRCEventList. If it is declared it must be in all the elements of the list.</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/@progr: [Optional]</p> <p>- note for this position: <i>Indicates the position of the event in the time sequence related to the parent TRCEventList. If it is declared it must be in all the elements of the list.</i></p>

	<p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/@progr: [Optional]</p> <p>- note for this position: <i>Indicates the position of the event in the time sequence related to the parent TRCEventList. If it is declared it must be in all the elements of the list.</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/@progr: [Optional]</p> <p>- note for this position: <i>Indicates the position of the event in the time sequence related to the parent TRCEventList. If it is declared it must be in all the elements of the list.</i></p>
qty	<p>net quantity of the article or object correlated, qualified by the function of the document (ordering, delivering, ..) and by the context</p> <p>- base type: decimal, min inclusive: 0, fraction digits: 2, XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ tracedObject/productIDandQty/qty: 0-2</p> <p>- note for this position: <i>quantity of the product, identified by uniqueProductID. This element can have two instances only if the units of measure are different.</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/tracedObject/productIDandQty/qty: 0-2</p> <p>- note for this position: <i>quantity of the product, identified by uniqueProductID. This element can have two instances only if the units of measure are different.</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/parentObject/productIDandQty/qty: 0-2</p> <p>- note for this position: <i>quantity of the product, identified by uniqueProductID. This element can have two instances only if the units of measure are different.</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/outputObject/productIDandQty/qty: 0-2</p> <p>- note for this position: <i>quantity of the product, identified by uniqueProductID. This element can have two instances only if the units of measure are different.</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/childComponent/productIDandQty/qty: 0-2</p> <p>- note for this position: <i>quantity of the product, identified by uniqueProductID. This element can have two instances only if the units of measure are different.</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/transactionObject/productIDandQty/qty: 0-2</p> <p>- note for this position: <i>quantity of the product, identified by uniqueProductID. This element can have two instances only if the units of measure are different.</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/inputComponent/productIDandQty/qty: 0-2</p> <p>- note for this position: <i>quantity of the product, identified by uniqueProductID. This element can have two instances only if the units of measure are different.</i></p>
recordDateTime	<p>The date or date time value at which an event was registered. Formatted according to the pattern indicated by the dateForm attribute.</p> <p>- base type: string,</p>
@role	<p>Third Party role qualifier</p> <p>- base type: string, cod. table: NT2 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT2.xml</p> <p>XPath TRCTRAReport/TRCHeader/senderParty/@role: [Optional]</p> <p>- note for this position: <i>The use of this attribute is mandatory when the element to which it is associated has TRCHeader as its parent.</i></p> <p>XPath TRCTRAReport/TRCHeader/receiverParty/@role: [Optional]</p> <p>- note for this position: <i>The use of this attribute is mandatory when the element to which it is associated has TRCHeader as its parent.</i></p>
@schemeID	<p>identifier of an identification scheme</p> <p>- base type: string, XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/certificationInfo/@schemeID: [Optional]</p> <p>- note for this position: <i>It is recommended to adopt as schemeID the name of the standard (i.e. 'OEKO-TEX STANDARD 100')</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/externalRefDoc/attachment/hashFootprint/@schemeID: [Optional]</p> <p>- note for this position: <i>specify for which system this hash footprint might be used as identifier (for example HDFS system..)</i></p>

	<p>XPath TRCTRAReport/TRCheader/externalRefDoc/attachment/hashFootprint/@schemeID: [Optional]</p> <p>- note for this position: <i>specify for which system this hash footprint might be used as id entifier (for example HDFS system..)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/certificationInfo/@schemeID: [Optional]</p> <p>- note for this position: <i>It is recommended to adopt as schemeID the name of the stand ard (i.e. 'OEKO-TEX STANDARD 100')</i></p> <p>XPath TRCTRAReport/TRCheader/refDoc/attachment/hashFootprint/@schemeID: [Optional]</p> <p>- note for this position: <i>specify for which system this hash footprint might be used as id entifier (for example HDFS system..)</i></p> <p>XPath TRCTRAReport/TRCheader/certificate/attachment/hashFootprint/@schemeID: [Optional]</p> <p>- note for this position: <i>specify for which system this hash footprint might be used as id entifier (for example HDFS system..)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/externalRefDoc/attachment/hashFootprint/@schemeID: [Optional]</p> <p>- note for this position: <i>specify for which system this hash footprint might be used as id entifier (for example HDFS system..)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/certificationInfo/@schemeID: [Optional]</p> <p>- note for this position: <i>It is recommended to adopt as schemeID the name of the stand ard (i.e. 'OEKO-TEX STANDARD 100')</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransformationEvent/externalRefDoc/attachment/hashFootprint/@schemeID: [Optional]</p> <p>- note for this position: <i>specify for which system this hash footprint might be used as id entifier (for example HDFS system..)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/externalRefDoc/attachment/hashFootprint/@schemeID: [Optional]</p> <p>- note for this position: <i>specify for which system this hash footprint might be used as id entifier (for example HDFS system..)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/certificationInfo/@schemeID: [Optional]</p> <p>- note for this position: <i>It is recommended to adopt as schemeID the name of the stand ard (i.e. 'OEKO-TEX STANDARD 100')</i></p>
season	<p>sale season; defined as: season (1 crt) + year (4 crt) - season: S/S=1 AW=2 Spring=3 Summer=4 Autumn=5 Winter=6: for more than four seasons use alphabetic sequence: 1st season=A 2nd season=B etc.etc.</p> <p>- base type: string, max length: 15,</p> <p>XPath TRCTRAReport/TRCheader/refDoc/season: 0-1</p> <p>- note for this position: <i>here indicates the season to which the referenced document be longs</i></p>
@sender	<p>qualifier that specifies the Party issuing of the document</p> <p>- base type: boolean,</p> <p>XPath TRCTRAReport/TRCheader/receiverParty/@sender: [Optional]</p> <p>- note for this position: <i>This attribute is mandatory when the STYLESHEET must be us ed.</i></p> <p>XPath TRCTRAReport/TRCheader/thirdParty/@sender: [Optional]</p> <p>- note for this position: <i>This attribute is mandatory when the STYLESHEET must be us ed</i></p> <p>XPath TRCTRAReport/TRCheader/senderParty/@sender: [Optional]</p> <p>- note for this position: <i>This attribute is mandatory when the STYLESHEET must be us ed.</i></p>
signatureTypeCode	<p>indicator of existing and type of signature</p> <p>- base type: string,</p>
@SRVReportStatus	<p>Indicator of the status of the report related to a service</p> <p>- base type: string, cod. table: NT44</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT44.xml</p>
@standardOwner	<p>standard owner is the organisation that owns and manages the standard specifications (for example Textile exchange or OEKO-TEX)</p>

	- base type: string,
street	street and building number identifying a location - base type: string, max length: 80,
subCountry	short name or code of the sub-country entity - base type: string, max length: 9,
subDept	name or code of a department - base type: string, max length: 40,
sustainabilityCharacteristicText	text that describes a single sustainability characteristic (for example a claim). The content of the element must be unique, it might be translated and repeated into more languages (thus no more than one instance for each language). - base type: string, min length: 1,
title	document title - base type: string, XPath TRCTRAResult/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/externalRefDoc/title: 0-unbounded - note for this position: <i>Only one instance of this element for each different value of 'ln' attribute (language)</i> XPath TRCTRAResult/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCAggregationEvent/externalRefDoc/title: 0-unbounded - note for this position: <i>Only one instance of this element for each different value of 'ln' attribute (language)</i> XPath TRCTRAResult/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/externalRefDoc/title: 0-unbounded - note for this position: <i>Only one instance of this element for each different value of 'ln' attribute (language)</i> XPath TRCTRAResult/TRCHeader/certificate/title: 0-unbounded - note for this position: <i>Only one instance of this element for each different value of 'ln' attribute (language)</i> XPath TRCTRAResult/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/externalRefDoc/title: 0-unbounded - note for this position: <i>Only one instance of this element for each different value of 'ln' attribute (language)</i> XPath TRCTRAResult/TRCHeader/externalRefDoc/title: 0-unbounded - note for this position: <i>Only one instance of this element for each different value of 'ln' attribute (language)</i>
traceabilityPartyRole	role that the party plays in the process covered by the traceability process. It is recommended the list https://www.ebiz.enea.it/eBIZ/imple/eBIZTCU-Draft.asp?lingua=en&pag=6&modo=d&tabe=136&contestoscelto=TexWeave&nomenu=2 - base type: string,
tradeTransactionID	identifier of the trade transaction - base type: string,
tradeTransactionTypeCode	code of the type of trade transaction - base type: string, cod. table: T21 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_T21.xml
transactionReceipt	transaction receipt on blockchain - base type: string, max length: 80,
@TRCReportFunction	indicates whether the document has the function of REQUEST for recording events in the traceability system OR if it is a REPORT on the events recorded up to now in the traceability system - base type: string, cod. table: NT205 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT205.xml
@uid	unique element identifier within the xml document - base type: string,
@um	specification of the unit of measure - base type: string, cod. table: NT7 http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT7.xml XPath TRCTRAResult/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCAggregationEvent/eventBusinessLocation/geoCoordinates/ @um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i>

	<p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventDestinationParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventSourceParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventOriginatorParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCHeader/externalRefDoc/issuerParty/ geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/externalRefDoc/issuerParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventSourceParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAGgregationEvent/externalRefDoc/signatureInformation/signatoryParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCHeader/senderParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventReadLocation/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAGgregationEvent/eventSourceParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventDestinationParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/externalRefDoc/signatureInformation/signatoryParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventReadLocation/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCHeader/receiverParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAGgregationEvent/eventReadLocation/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCHeader/certificate/issuerParty/ geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/externalRefDoc/issuerParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventOriginatorParty/geoCoordinates/@um: [Optional] [Default= DEGD] - note for this position: <i>when not specified assume decimal DEGREES</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/</p>
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	<p>TRCEventList/TRCAggregationEvent/eventDestinationParty/geoCoordinates/ @um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCHeader/certificate/certifiedParty/ geoCoordinates/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventDestinationParty/geoCoordinate s/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/eventOriginatorParty/geoCoordinates/@ um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventBusinessLocation/geoCoordinates/ @um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventSourceParty/geoCoordinates/@um: [Opti onal] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventBusinessLocation/geoCoordinat es/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventReadLocation/geoCoordinates/@u m: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventOriginatorParty/geoCoordinates/ @um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/externalRefDoc/signatureInformation/ signatoryParty/geoCoordinates/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCHeader/externalRefDoc/signatureInformation/signatoryPar ty/geoCoordinates/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/externalRefDoc/signatureInformation/signatory Party/geoCoordinates/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/externalRefDoc/issuerParty/geoCoordina tes/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCObjectEvent/eventBusinessLocation/geoCoordinates/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/externalRefDoc/issuerParty/geoCoord inates/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i> XPath TRCTRARReport/TRCHeader/thirdParty/geoCoordinates/@um: [Optional] [Default= DEGD]</p> <p>- note for this position: <i>when not specified assume decimal DEGREES</i></p>
uniqueProductID	<p>Unique product identifier. It identifies the product completely, differentiating any variant s, sizes, colors, etc. It should be unique throughout the whole value chain. (It can be the GTIN)</p> <p>- base type: string, max length: 80,</p>
uri	<p>Uniform Resource Identifier (URI) that identifies the external object as an Internet reso urce</p> <p>- base type: normalizedString, XPath TRCTRARReport/TRCHeader/certificate/attachment/</p>

	<p>blockChainReference/uri: 1-1</p> <p>- note for this position: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i></p> <p>XPath TRCTRAReport/TRCHeader/refDoc/attachment/ blockChainReference/uri: 1-1</p> <p>- note for this position: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransformationEvent/externalRefDoc/attachment/blockChainReference/uri: 1-1</p> <p>- note for this position: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/externalRefDoc/attachment/blockChainReference/uri: 1-1</p> <p>- note for this position: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCAggregationEvent/externalRefDoc/attachment/blockChainReference/uri: 1-1</p> <p>- note for this position: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i></p> <p>XPath TRCTRAReport/TRCHeader/externalRefDoc/attachment/ blockChainReference/uri: 1-1</p> <p>- note for this position: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCTransactionEvent/externalRefDoc/attachment/blockChainReference/uri: 1-1</p> <p>- note for this position: <i>reference to the used blockchain (example: url https://etherscan.io/ of ethereum)</i></p>
@useProfile	<p>use profile to which the present document is compliant if it was agreed by the parties. It is suggested a URI with reference to the firms or the URL of the profile.</p> <p>- base type: string,</p>
validityEnd	<p>date by which the validity ends, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.</p> <p>- base type: string,</p>
validityExtensionDate	<p>end date of validity resulting from extension, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.</p> <p>- base type: string,</p>
validityStart	<p>date by which the validity starts, according to one of the patterns YYYY-MM-DD, YYYY-MM-DD:HH-MM or YYYY-WW.</p> <p>- base type: string,</p>
@VAT	<p>VAT rate or code (DEPRECATED, use dtScheme element)</p> <p>- base type: string, cod. table: NT16</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT16.xml</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/lineN/@VAT: [Optional]</p> <p>- note for this position: <i>Deprecated, prefer dtScheme when available.</i></p>
@version	<p>Dictionary version from which the instance has been created</p> <p>- base type: string, cod. table: NT100</p> <p>http://www.ebiz.enea.it/moda-ml/repository/codelist/draft/gc_NT100.xml</p>
xGeoCoord	<p>geographical coordinate x , corresponding to latitude</p> <p>- base type: decimal,</p>
yGeoCoord	<p>geographical coordinate y , corresponding to longitude</p> <p>- base type: decimal,</p>
zGeoCoord	<p>geographical coordinate z , corresponding to altitude</p> <p>- base type: decimal,</p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraReplItem/ TRCEventList/TRCObjectEvent/externalRefDoc/issuerParty/geoCoordinates/z GeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath</p>

	<p>TRCTRAReport/TRCheader/externalRefDoc/signatureInformation/signatoryParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/eventOriginatorParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCheader/senderParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCheader/thirdParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCheader/externalRefDoc/issuerParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/eventReadLocation/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/eventBusinessLocation/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/eventDestinationParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCheader/receiverParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/eventSourceParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCObjectEvent/externalRefDoc/signatureInformation/signatoryParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/externalRefDoc/issuerParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/externalRefDoc/signatureInformation/signatoryParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/eventOriginatorParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/eventSourceParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCAggregationEvent/eventDestinationParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/eventReadLocation/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/eventDestinationParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/TRCEventList/TRCTransactionEvent/eventOriginatorParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/</p>
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	<p>TRCEventList/TRCTransactionEvent/externalRefDoc/issuerParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventBusinessLocation/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventSourceParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/eventBusinessLocation/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/eventSourceParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventDestinationParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventSourceParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventReadLocation/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventBusinessLocation/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/eventOriginatorParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCAggregationEvent/eventReadLocation/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/externalRefDoc/signatureInformation/signatoryParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransformationEvent/externalRefDoc/issuerParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p> <p>XPath TRCTRAReport/TRCTraReportBody/TRCTraRepltem/ TRCEventList/TRCTransactionEvent/externalRefDoc/signatureInformation/signatoryParty/geoCoordinates/zGeoCoord: 0-1</p> <p>- note for this position: <i>altitude might be omitted</i></p>
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2.3 Suggested best practices

TRCTRAReport/TRCTraReportBody/TRCTraRepltem/

TRCEventList/TRCTransactionEvent/transactionObject (instance or lot of the transaction event. Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size.)

lots x, y, x associated to the invoice I123

TRCTRAReport/TRCTraReportBody/TRCTraRepltem/

TRCEventList/TRCTransformationEvent/businessStepCode (It is the code that indicates an action in the business process. It is recommended to declare the codeList or at least the numberingOrg)

Example:

Event		object,		top		receiving:		receiving
Event	object,		top	preparation:		MANUFACTURING		STEP
Event	transformation,		top	into	yarn:	MANUFACTURING		STEP
Event	object, yarn sending: shipping							

TRCTRAReport/TRCTraReportBody/TRCTraRepltem/

TRCEventList/TRCObjectEvent/businessStepCode (It is the code that indicates an action in the business process. It is recommended to declare the codeList or at least the numberingOrg)

Example:

Event		object,		top		receiving:		receiving
Event	object,		top	preparation:		MANUFACTURING		STEP
Event	transformation,		top	into	yarn:	MANUFACTURING		STEP
Event	object, yarn sending: shipping							

TRCTRAReport/TRCTraReportBody/TRCTraRepltem/

TRCEventList/TRCTransactionEvent/businessStepCode (It is the code that indicates an action in the business process. It is recommended to declare the codeList or at least the numberingOrg)

Example:

Event		object,		top		receiving:		receiving
Event	object,		top	preparation:		MANUFACTURING		STEP
Event	transformation,		top	into	yarn:	MANUFACTURING		STEP
Event	object, yarn sending: shipping							

TRCTRAReport/TRCTraReportBody/TRCTraRepltem/

TRCEventList/TRCAggregationEvent/businessStepCode (It is the code that indicates an action in the business process. It is recommended to declare the codeList or at least the numberingOrg)

Example:

Event		object,		top		receiving:		receiving
Event	object,		top	preparation:		MANUFACTURING		STEP
Event	transformation,		top	into	yarn:	MANUFACTURING		STEP
Event	object, yarn sending: shipping							

TRCTRAReport/TRCHeader/refDoc/docID (identification number of the referenced document)

numberingOrg indicates the role that produced the document identifier (it is allowed to declare two different ones -e.g. customer and supplier - with two docID with different numberingOrg)

TRCTRAReport/TRCTraReportBody/TRCTraRepltem/

TRCEventList/TRCTransactionEvent/externalRefDoc/attachment/externalReference/mimeType (mime type of the external object)

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

TRCTRAReport/TRCTraReportBody/TRCTraRepltem/

TRCEventList/TRCTransformationEvent/externalRefDoc/attachment/externalReference/mimeType (mime type of the external object)

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**TRCTRAReport/TRCHeader/certificate/attachment/
externalReference/mimeType (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**TRCTRAReport/TRCHeader/externalRefDoc/attachment/
externalReference/mimeType (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**TRCTRAReport/TRCTraReportBody/TRCTraRepltem/
TRCEventList/TRCAggregationEvent/externalRefDoc/attachment/externalReference/mimeType (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**TRCTRAReport/TRCTraReportBody/TRCTraRepltem/
TRCEventList/TRCObjectEvent/externalRefDoc/attachment/externalReference/mimeType (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

**TRCTRAReport/TRCHeader/refDoc/attachment/
externalReference/mimeType (mime type of the external object)**

Use coding from IANA <http://www.iana.org/assignments/media-types/media-types.xml>

2.4 Enumeration tables

List of enumeration tables used in the XML document. You can find all the tables with the corresponding codes at: <http://www.ebiz.enea.it/eBIZ/imple/eBIZTCU-draft.asp?lingua=en&pag=6>

NT100 - eBIZ TCFUpstream version
NT16 - VAT rate or code
NT2 - third party qualifier
NT201 - entity type
NT202 - Type of the object Instance
NT204 - events' action code
NT205 - Function of the document
NT29 - format of a date
NT3 - issuer of the identifier (or identification system) of a location.
NT313 - status of the document
NT333 - type of hashing algorithm
NT44 - indicator of the status of the report related to a service
NT6 - coding system owner/issuer
NT60 - language, codes from ISO 639-1 (subset)
NT7 - unit of measure
T10 - ISO3166 - Country
T21 - type of document
T302 - type of object
T305 - table of manufacturing operation types

3. Documentation for the applicative context 'TRICK'

Document USAGE in TRICK (Trick context specific)

Lot and Report identification for usage in TRICK

For activating PCO service it is needed the **TRN** (Trick Traceability Number); it is the unique identifier within the TRICK platform associated to a physical traced item (lot/item..). In the Traceability Report it is reported as a value of the element with attribute schemeID="TRICK" (xpath is */TRCTRAREport/TRCTraReportBody/TRCTraRepltem/tracedObjects/objectInstanceList/objectInstanceIdentification/objectID*)

Each instance of Traceability Report must be identified by one **TRRN** (Trick Traceability Report Number): it is the UNIQUE identifier, associated to an instance of Traceability report (different instances come at different creation of the report that may contain advancements in the history of the traced objects).

The allows to explicitate the accomplishment of the production process of the traced objects: when it is true the report refers to the whole history of the final product (the history might be totally or partially reported according to the flags about disclosure and completeness).

ACKNOWLEDGEMENT



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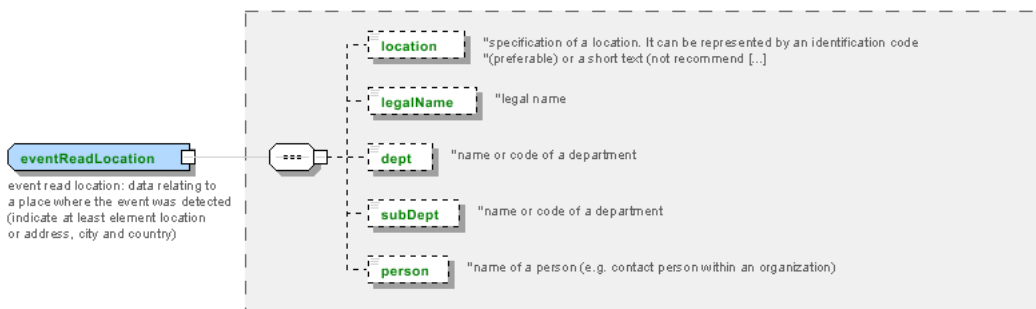
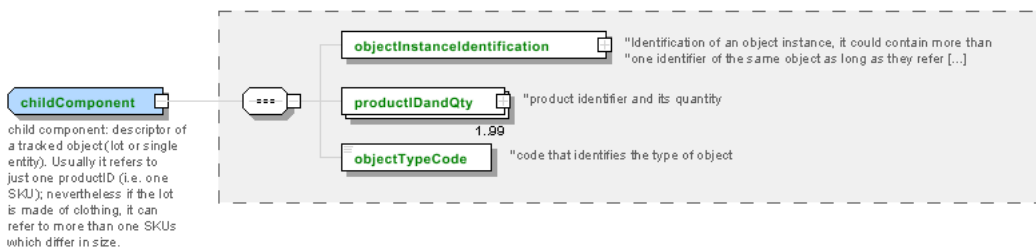
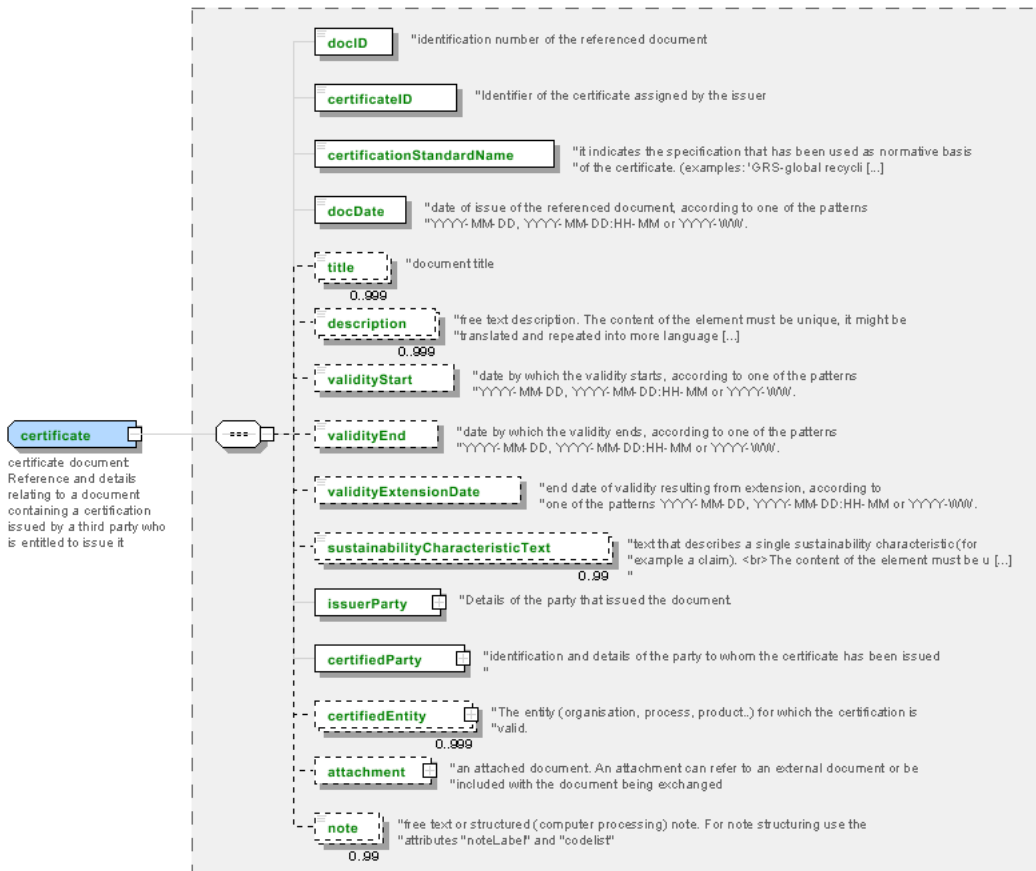
DISCLAIMER

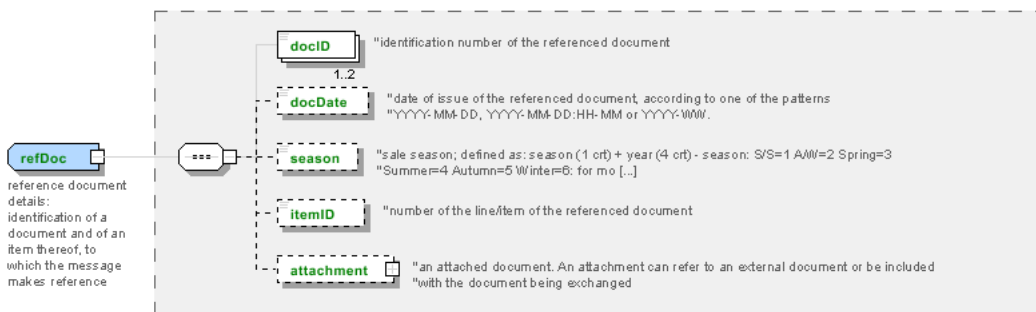
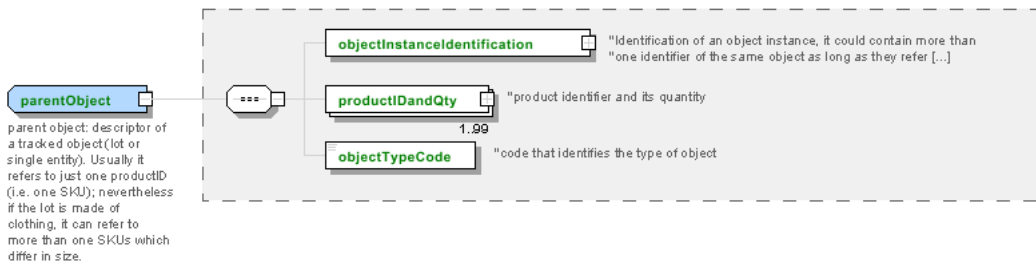
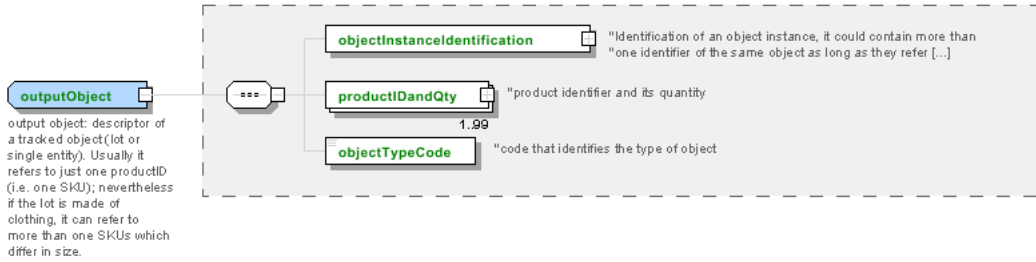
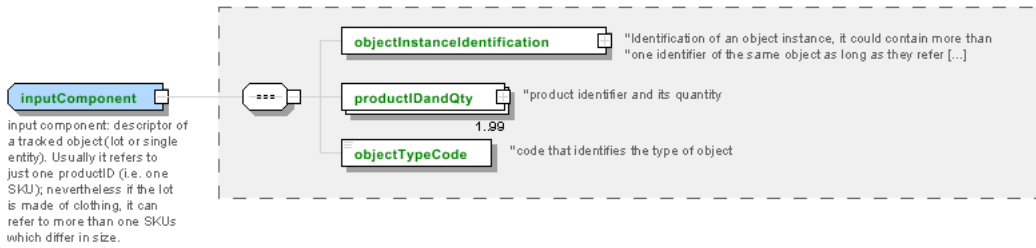
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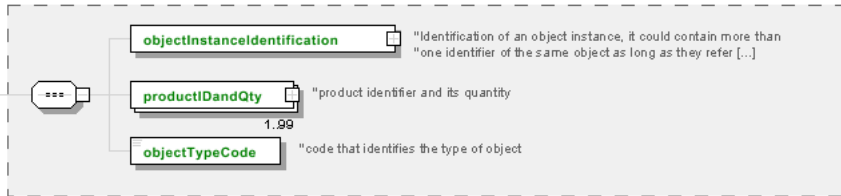
Annex A

Representative images of the principal complex elements' structure.

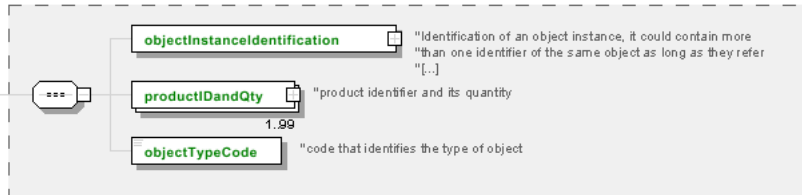




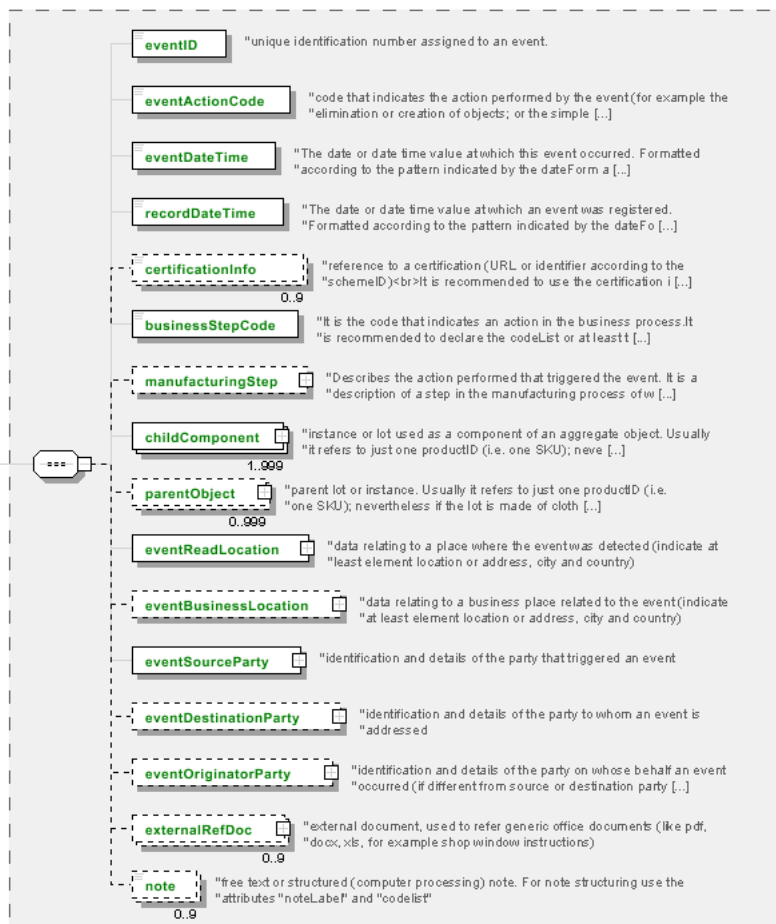
tracedObject
 traced object: descriptor of a tracked object (lot or single entity). Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size.



transactionObject
 transaction object: descriptor of a tracked object (lot or single entity). Usually it refers to just one productID (i.e. one SKU); nevertheless if the lot is made of clothing, it can refer to more than one SKUs which differ in size.



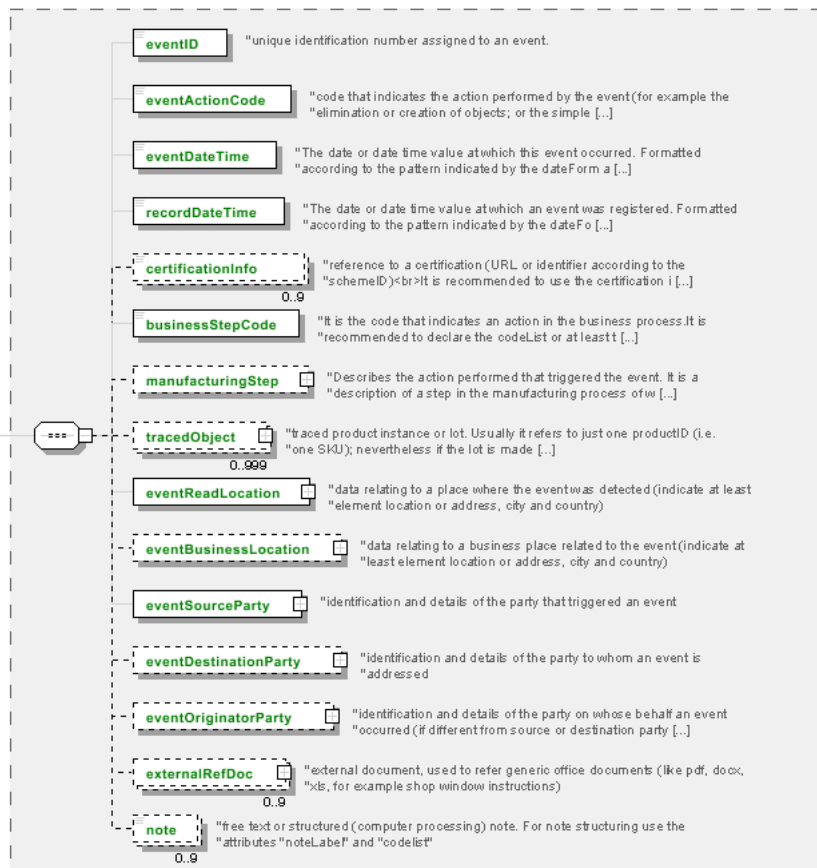
TRCAggregationEvent
 TRC aggregation event information about a generic traceability event



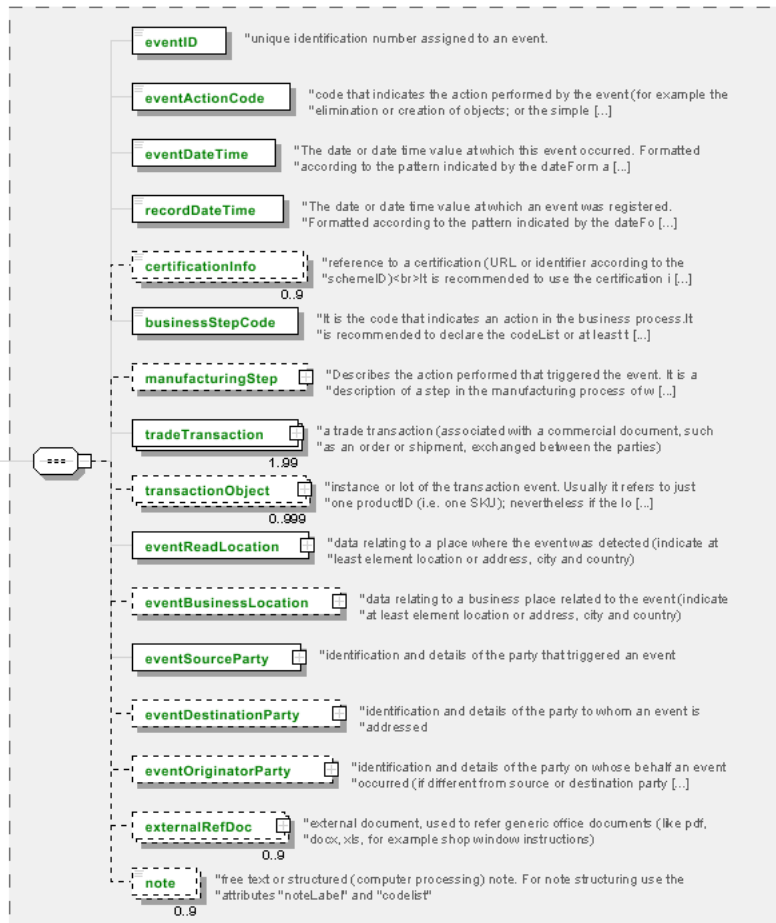
TRCheader
 TRC header: header of the Traceability documents ("Traceability Receiving Advice", "Traceability Despatching Advice", "Traceability Report", "Transparency and Sustainability Report")



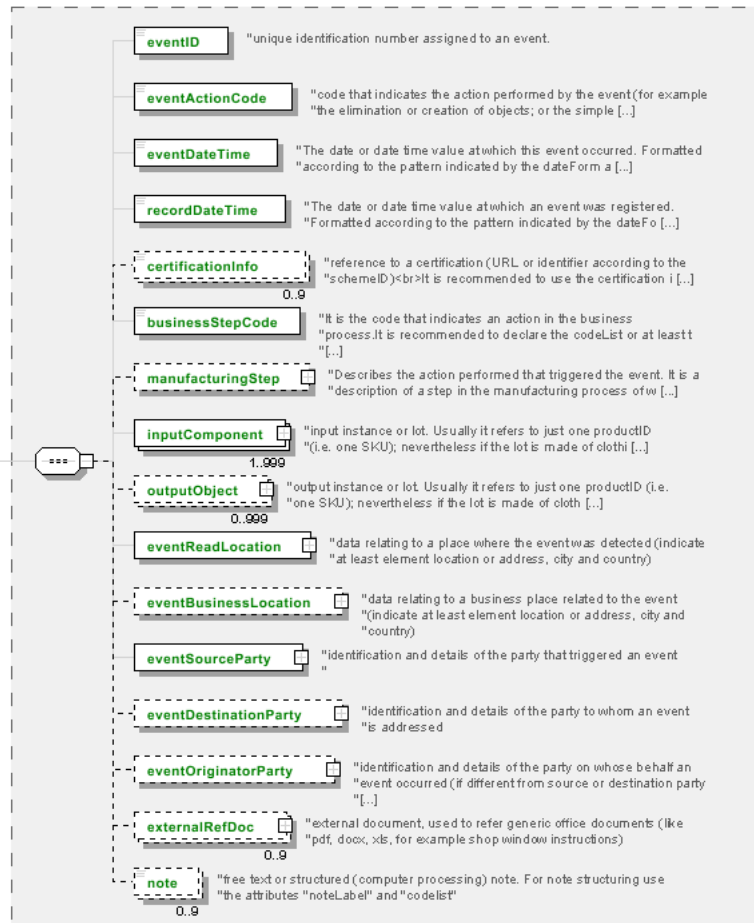
TRCObjectEvent
 TRC object event: information about a generic traceability event



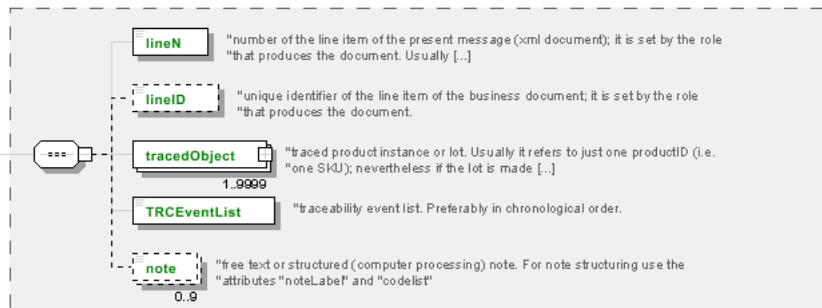
TRCTransactionEvent
 TRC transaction event information about a generic traceability event



TRCTransformationEvent
 TRC transformation event information about a generic traceability event



TRCTraReplItem
 TRC traceability report item. Item of the traceability report, contains data related to one or more objects (Lots or items) that share the same history (for example clothing lots of the same product in different sizes from same fabric and subcontractor)



TRCTRAREport
 TRC TRAREport: Traceability Report for one or more lots or items of a good

