



UN / CEFAC



Welcome & Rules of the Road

- UN/CEFACT registered Experts vs Observers
<https://uncefact.unece.org/display/uncefactpublic/UNCEFACT+Expert+Registration>
- UN/CEFACT Open Development Process
https://unece.org/sites/default/files/2023-12/ECE_TRADE_C_CEFAC_2016_17E_ODP.pdf
- UN/CEFACT Intellectual Property Rights Policy
<https://unece.org/trade/documents/2010/12/session-documents/intellectual-property-rights-policy>
- UN/CEFACT Code of Conduct
<https://unece.org/trade/documents/2010/12/session-documents/revised-code-conduct>
- Meeting records (no unauthorized AI notetakers)
<https://uncefact.github.io/spec-untp/docs/governance/conformityGroup/>



UNTP–Conformity Stakeholders include...

- Conformity assessment bodies (CABs)
- Scheme Owners
- TIC Council & other CAB representative bodies
- ISO CASCO & relevant standards development programs
- Trade regulators and compliance officials
- Intergovernmental trade-related bodies
- International Accreditation Forum (IAF)
- International Laboratory Accreditation Cooperation (ILAC)
- National accreditation bodies
- National measurement institutes
- Consultants and technical solution providers



Conformity Data in the Voluntary Space

Apart from regulated systems, such as the EU DPP, some voluntary systems also incorporate DPPs, the UNTP being a notable example.

Since self-declarations are not enforceable within a voluntary system, the reliability of claims is dependent on referenced [conformity assessment data](#).

The UNTP-Conformity Group is specifically established to guide the UNTP on conformity-related matters. Conformity assessments may relate to products or facilities. They can include any of the following activities: product certification, testing, inspection, verification, validation, management system certification.



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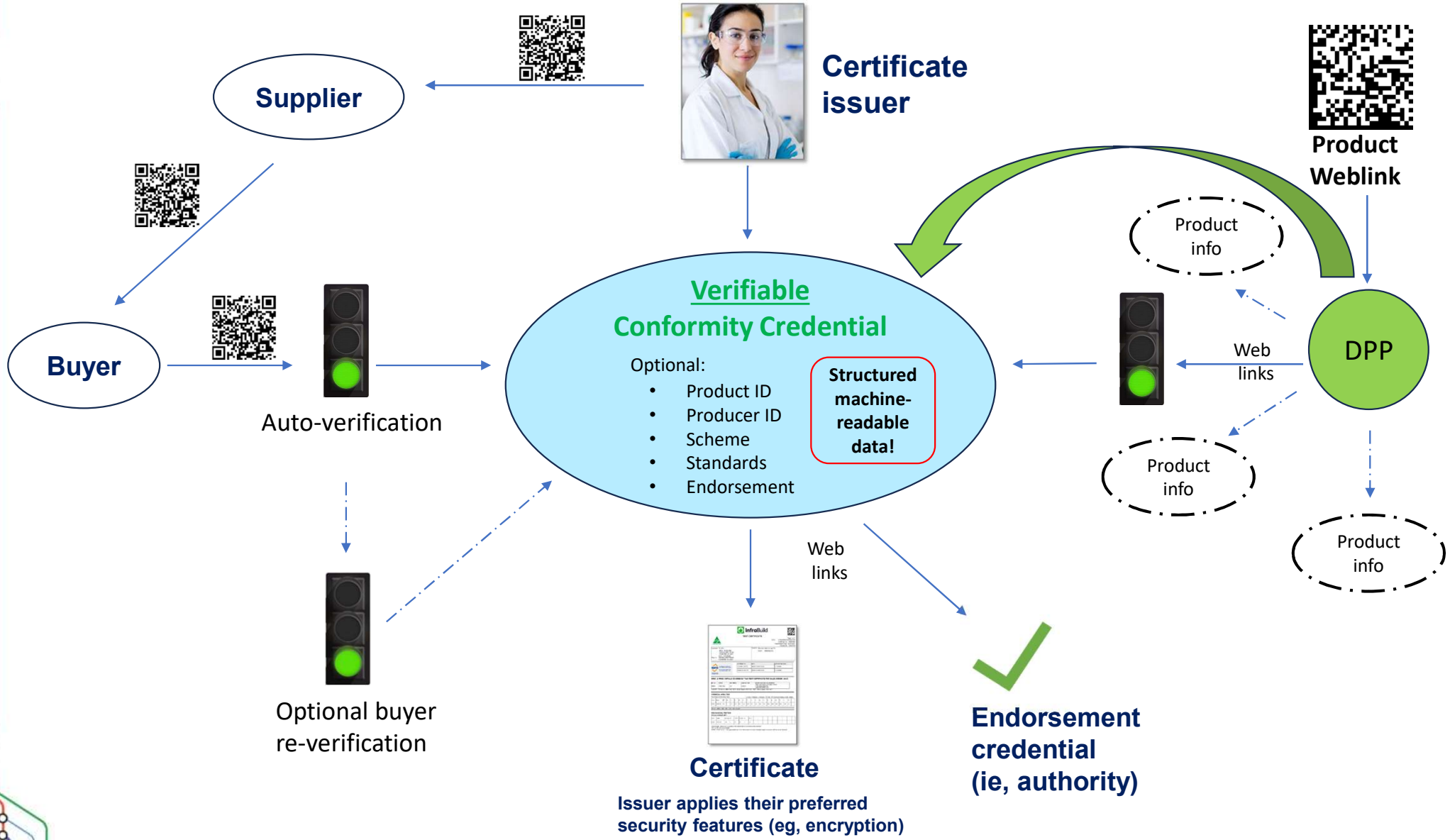
UNECE/UNCEFACT Recommendation 49

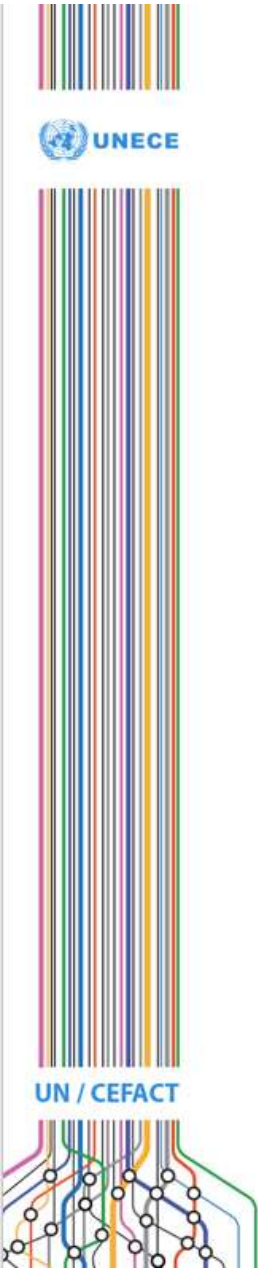
Use independent attestations to add trust and confidence:

Conformity assessment bodies (CABs), which may be accredited following the International Organization for Standardization (ISO) CASCO framework, issue attestations of conformity with reference standards and regulations. An attestation typically includes many individual assessments of products or facilities against specific conformity criteria (e.g. missions, welfare). **Independent conformity attestations add trust to the claims made by market operators about their products or facilities. Supporting instruments should define digital standards for these conformity attestations** so that they are harder to fake and so that buyers can automate the verification of sustainability claims.” [UNECE Rec 49 Part II - C]



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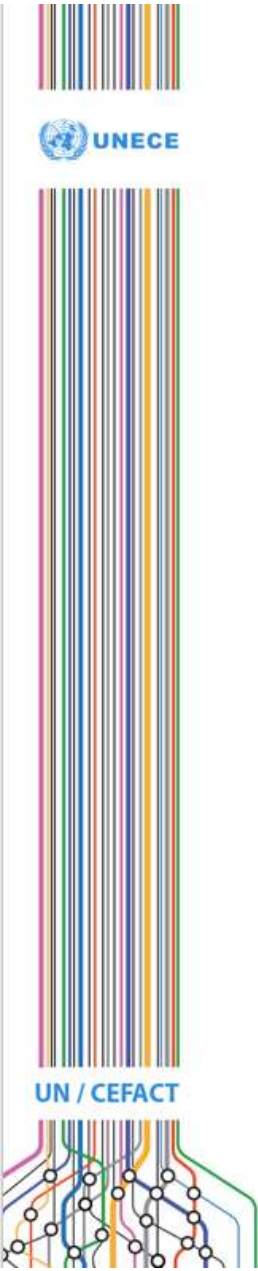


UNECE/UNCEFACT Recommendation 49

Reference unambiguous criteria in both self-assessed claims and independent attestations:

Both assessments in digital conformity attestations and claims in digital product and facility data sets should unambiguously reference conformity criteria (from standards or regulations) they are based on, requiring each criterion to have a globally unique identifier. Supporting instruments should provide mechanisms for scheme owners to publish detailed assessment or compliance criteria in both human- and machine-readable formats.

[UNECE Rec 49 Part II- C]

A decorative graphic on the left side of the slide. It features a series of vertical lines in various colors (blue, green, yellow, red, purple) that form a stylized 'S' shape. At the top of this shape is the UNECE logo, which consists of a globe icon and the text 'UNECE'. At the bottom of the shape is the text 'UN / CEFAC'.

Sustainability Vocabulary

Scheme Owners host **hierarchical representations of their assessment requirements.**

This hierarchy is divided into Scheme/Criterion/Sub-criterion elements.

Every element is accessed via unique URI as *machine-readable data* and which links to *Scheme assessment requirements rendered in human-readable form* (accessed at the applicable hierarchical level).



BUYER



Product label

Supplier-generated

Product Passport

1st Claim '4 Star Rating SchemeABC': Link
• SchemeABC Supporting Credential:Link
2nd Claim 'Water Use SchemeABC': Link
• SchemeABC Supporting Credential:Link
3rd Claim SchemeXYZ etc

CAB-generated

Conformity Credential #1

- Product identifier
- Assessed Stds
- Assessed Regs
- Criterion SchemeABC 4 Star: Link
- Criterion SchemeABC Water:Link

Other
Conformity
Credentials

Scheme-generated

Scheme ABC - Conformity Vocabulary

Sustainability Criteria details: Link

- Criteria #1 'Energy': Link
- Criteria #2 'Water Use': Link
- Criteria #X 'ZZ': Link

Criterion #1 Energy

Energy Criteria details:Link

Sub-criterion#1 'Energy Rating': Link

Sub-Criterion #1 Energy Rating

Energy Rating criteria details:Link

- Sub-criterion #1 – '4 Star': Link
- Sub-criterion #2 – 3 Star: Link

Additional
Criterion

Etc

Sub-Criterion #1.1

'Rating 4 star'- details: Link

Sub-Criterion #1.2

Rating 3 star - details: Link

The **Scheme Vocabulary** (or 'Header') is a URI which resolves to the following set of machine-readable data:

1. A link to any overall Scheme-level documentation
2. Links to any **Criterion element URIs**
3. A set of information fields (as structured data):
 - ✓ Owner
 - ✓ Scheme Name
 - ✓ Version
 - ✓ Valid_from
 - ✓ Valid_to [*eg, superceded scheme version*]

Criterion element URIs then link to more detailed Scheme assessment requirement URIs, as well as any associated **sub-criterion element links** and also give textual descriptions including the UNTP Conformity Topic and any (self-declared) alignment with standards or regs

Any **external standards** may be cross-referenced (hopefully as URIs) from within any of the above assessment requirement elements

1. ABC Greenhouse Gas Emission Scheme (ID=URI#ABC.1) contains

- **criterion** (ID=URI#ABC1.1): **name= ABC Carbon** footprint, **refStandard:**(ID=URI#ISO.1) *ISO 14064-3*

UNTP Conformity Topic = Carbon Footprint Reduction - Minimizing greenhouse gas emissions

Standards alignment = ISO 14064-3

2. ABC Sustainability Scheme (ID=URI#ABC.2) contains

- **criterion** (ID=URI#ABC2.1):**name= ABC Method for Water** usage

UNTP Conformity Topic = Water Conservation - Sustainable water management

3. ABC Energy Efficiency Scheme (ID=URI#ABC.3) contains

- **criterion** (ID=URI#ABC3.1) **name= IEC XYZ Energy** Rating

refDocument ((ID=URI#IEC.1) **IEC XYZ**

UNTP Conformity Topic = Energy Optimization - Efficient supply chain energy use

Standards Alignment = IEC XYZ

- **Sub-criterion** (ID=URI#ABC3.1.1) name= Energy Rating 'A'