

CDP Enumerations

Climate Change Taxonomy update

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XBRL Enumerations 1.0 (PWD)

Extensible Enumerations 1.0

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This version:

<http://www.xbrl.org/Specification/ext-enumeration/PWD-2013-10-22/ext-enumeration-PWD-2013-10-22.html>

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What is an enumerated structure?

- Enumerations represents a fixed set of constants



```
<xs:simpleType name="carType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Audi"/>
    <xs:enumeration value="Golf"/>
    <xs:enumeration value="BMW"/>
  </xs:restriction>
</xs:simpleType>

<xs:element name="car" type="carType"/>
```

```
public enum Day {
  SUNDAY, MONDAY,
  TUESDAY, WEDNESDAY,
  THURSDAY, FRIDAY,
  SATURDAY }
```



The

85 %

of Climate Change questionnaire contains enumerated structures.
21 enumerations structures have been defined to cover this requirement.

CDP Taxonomy – case of use

Please indicate the **verification/assurance status** and **standards** that applies to your **Scope 1, Scope 2 and Scope 3** emissions

Period : 2013-12-02 - 20... | Identifier : A | Types of emission scope [axis] : Scope 1 [member]

Level of verification or assuran...

Disclosure of standards used and level of verification ...	Level of verification or assurance [member]				
	Limited assurance [member]	Moderate assurance [member]	Reasonable assurance [member]	High assurance [member]	Verification or assurance underway [member]
Disclosure of standards used and level of verification or assurance	(Abstract)	(Abstract)	(Abstract)	(Abstract)	(Abstract)
Information about standards used and level of verification or assurance	(Abstract)	(Abstract)	(Abstract)	(Abstract)	(Abstract)
Relevant verification or assurance standard used (enumerated)	-	-	-	-	-
Relevant verification or assurance statement attached	-	-	-	-	-

CDP Taxonomy – how can be defined in XBRL?

Please indicate the verification/assurance status and **standards** that applies to your Scope 1, Scope 2 and Scope 3 emissions

List of fixed values

Verification Standards domain
AA1000 Assurance Standard
AT101
EC Directive 2003/87/EC Annex V
ISAE 3000
ISO14064-3
The Climate Registry
CCX
AE3000
....

XBRL Enumerations 1.0 (PWD)

▼ New schema `extensible-enumerations.xsd`

▼ 1 data type

```
<complexType name="enumerationItemType" />
```

▼ 3 new attributes

```
<attribute name="domain" type="QName" />
```

```
<attribute name="linkrole" type="anyURI" />
```

```
<attribute name="usable" type="boolean" default="false" />
```

CDP Taxonomy – Enumeration domain definition

Definition of the **Verification Standards** domain. (*Definition linkbase*)

[99000018] Relevant verification or assurance standard used [enumeration]	
Relevant verification or assurance standard used [list]	
AA1000 Assurance Standard	domain-member (*)
AT101	domain-member (*)
EC Directive 2003/87/EC Annex V and 2007/589/EC as amended (EU ETS compliance)	domain-member (*)
ISAE 3000	domain-member (*)
ISO 14064-3	domain-member (*)
The Climate Registry	domain-member (*)
CCX	domain-member (*)
ASAE3000	domain-member (*)
Australia NGER	domain-member (*)
California mandatory greenhouse gas reporting regulations	domain-member (*)

Reusable structure – isolate through an independent linkrole

CDP Taxonomy – primary item definition

EnumerationItemType in primary item.

[08700000] Disclosure of standards used and level of verification or assurance applicable to emissions		
Disclosure of standards used and level of verification or assurance applicable to emissions [abstract][led disc		
Types of emission scopes and level of verification or assurance [table]	all (*)	
Types of emission scope [axis]	hypercube-dimen...	
Level of verification or assurance [axis]	hypercube-dimen...	
Information about standards used and level of verification or assurance applicable to emissions [line item]	domain-member (*)	
Relevant verification or assurance standard used [enumeration]	domain-member (*)	
Relevant verification or assurance statement attached	domain-member (*)	

`<element name="RelevantVerificationOrAssuranceSta .. type="enum:enumerationItemType"
enum:domain="cdp:RelevantVerificationOrAssuranceStandardUsedListEnumeration"
substitutionGroup="xbrli:item" enum:linkrole="http://www.cdproject.net/xbrl/taxonomy/2013-11-
30/ELR/RelevantVerificationOrAssuranceStandardUsedEnumeration" nillable="true" xbrli:periodType="duration"/>`

CDP Taxonomy – enumerations in CDP report

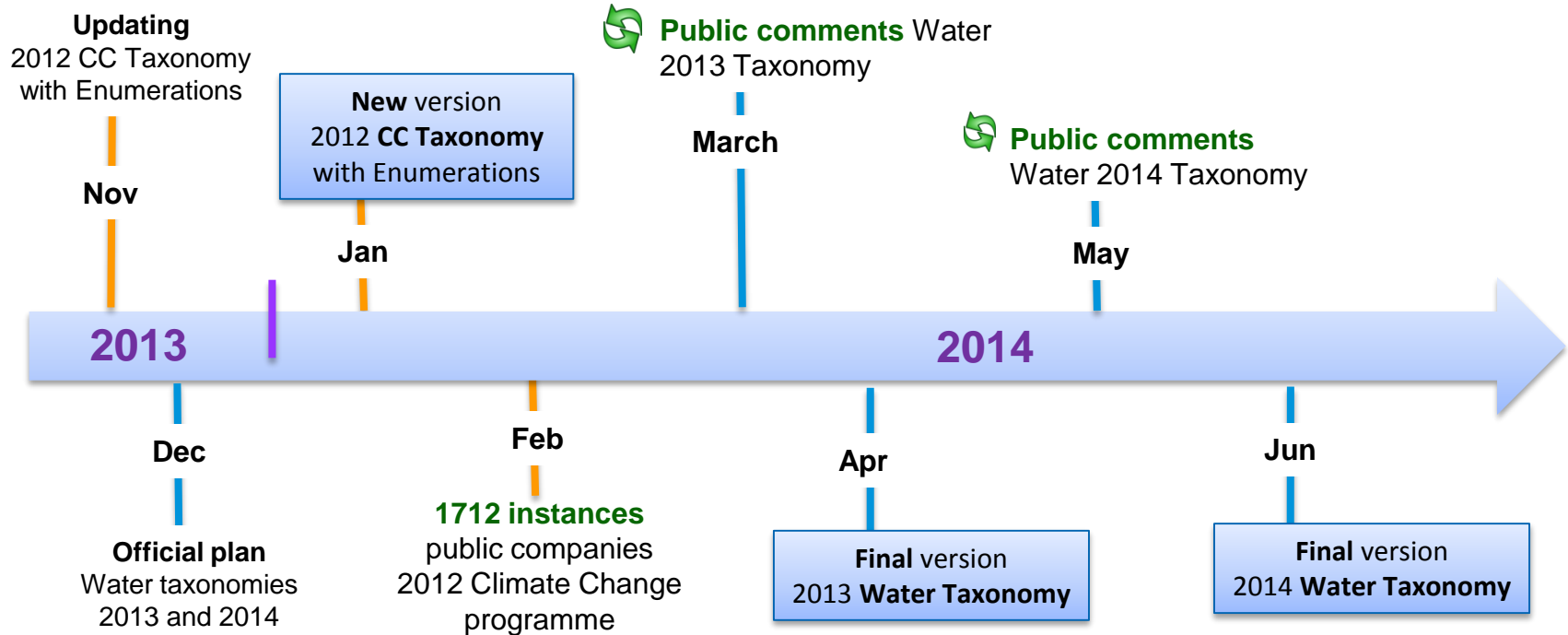
Period : 2013-12-02 - 20... Identifier : A Types of emission scope [axis] : Scope 1 [member] Level of verification or assuranc...

	Level of verification or assurance [member]				
	Limited assurance [member]	Moderate assurance [member]	Reasonable assurance [member]	High assurance [member]	Verification or assurance underway [member]
Disclosure of standards used and level of verification or assurance applicable	(Abstract)	(Abstract)	(Abstract)	(Abstract)	(Abstract)
Information about standards used and level of verification or assurance	(Abstract)	(Abstract)	(Abstract)	(Abstract)	(Abstract)
Relevant verification or assurance standard used [enumeration]	(No Value)	-	-	-	-
Relevant verification or assurance statement attached	(No Value)	-	-	-	-

Relevant verification or assurance standard used [enumeration] dropdown menu:
(No Value)
AA1000 Assurance Standard
AT101
EC Directive 2003/87/EC Anr
ISAE 3000
ISO 14064-3
The Climate Registry
CCX

<cdp:RelevantVerificationOrAssuranceStandardUsedEnumeration contextRef="ctx01_Scope1Member">cdp:ISO140643</cdp:RelevantVerificationOrAssuranceStandardUsedEnumeration>

XBRL actions timeline





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