



# 12th XBRL Europe Day Luxembourg

xEBR workshops

(Thomas Verdin, xEBR WG Chair)

10-11 December 2013

# Topics of the day

- G8 Open Data Charter
- Other Open Data definitions
- EC Core Business Vocabulary / W3C RegOrg
- LEI (Legal Entity Identifier)
- Members updates
- Program for 2014



Transparency 2013/50/EU  
Accounting 2013/34/EU  
EC directives



**xEBR**

# G8 Open Data Charter



## G8 Open Data Charter

### Preamble

1. The world is witnessing the growth of a global movement facilitated by technology and social media and fuelled by information – one that contains enormous potential to create more accountable, efficient, responsive, and effective governments and businesses, and to spur economic growth.

*Open data sit at the heart of this global movement.*

2. Access to data allows individuals and organisations to develop new insights and innovations that can improve the lives of others and help to improve the flow of information within and between countries. While governments and businesses collect a wide range of data, they do not always share these data in ways that are easily discoverable, useable, or understandable by the public.

*This is a missed opportunity.*

3. Today, people expect to be able to access information and services electronically when and how they want. Increasingly, this is true of government data as well. We have arrived at a tipping point, heralding a new era in which people can use open data to generate insights, ideas, and services to create a better world for all.

[...]

*Open Data Charter, June 2013*

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# G8 Open Data Charter template analysis

<b>Date</b>	November 5 <sup>th</sup> , 2013
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<b>Status</b>	Draft 0.1 (empty template with first ideas)

This document considers each principle and criteria in the G8 Open Data Charter and explains how the XBRL technology and the xEBR Core Reference Taxonomy may answer to those principles.

General criteria are in BLACK. Best practices are presented in GRAY.

Criteria	XBRL & xEBR CRT answer
<b>Principle 1: Open Data by Default</b>	
Establish an expectation that all (concerned) data be published openly by default, as outlined in this Charter, while recognising that there are legitimate reasons.	<i>XBRL allows</i> <ul style="list-style-type: none"> <li>- <i>A direct access to tagged data</i></li> <li>- <i>Re-using of data without rekeying</i></li> <li>- <i>Tagging many different types of data (pure, monetary, text, image...)</i></li> </ul>
Define our open data position in a public statement of intent.	
Publish an (...) action plan.	
Publish data on a (...) portal.	
<b>Principle 2: Quality and Quantity</b>	
Release high-quality open data that are timely, comprehensive, and accurate. To the extent possible, data will be in their original, unmodified form and at the finest level	<i>XBRL allows</i> <ul style="list-style-type: none"> <li>- <i>Testing the consistency of the reported data through calculation links and formulae</i></li> <li>- <i>Using the data in raw mode,</i></li> </ul>

of granularity available.	<i>without any transcodification</i> <ul style="list-style-type: none"> <li>- <i>Creating different level of data granularity through presentation trees or tables</i></li> </ul>
Ensure that information in the data is written in plain, clear language, so that it can be understood by all, though this Charter does not require translation into other languages.	<i>XBRL allows</i> <ul style="list-style-type: none"> <li>- <i>Data rendering thanks to presentation linkbases and iXBRL</i></li> <li>- <i>Multilingual labels</i></li> </ul>
Make sure that data are fully described, so that consumers have sufficient information to understand their strengths, weaknesses, analytical limitations, and security requirements, as well as how to process the data.	<i>XBRL allows</i> <ul style="list-style-type: none"> <li>- <i>Data definition in taxonomies, including reference linkbases, precision attribute, etc.</i></li> </ul>
Release data as early as possible, allow users to provide feedback, and then continue to make revisions to ensure the highest standards of open data quality are met.	<i>XBRL allows</i> <ul style="list-style-type: none"> <li>- <i>Easy information processes for a quick use of data</i></li> </ul>
Use robust and consistent metadata.	
Publish and maintain an up-to-date mapping of the core descriptive metadata fields to enable easier use and comprehension by people from around the world.	
Ensure data are fully described.	
Listen to feedback from data users.	
<b>Principle 3: Usable by All</b>	
Release data in open formats wherever possible, ensuring that the data are available to the widest range	<i>XBRL is an open format</i>

# Other open data definition



*“A piece of data or content is open if anyone is free to use, reuse, and redistribute it — subject only, at most, to the requirement to attribute and/or share-alike.”*



[www.opendefinition.org](http://www.opendefinition.org)

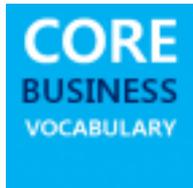


The Open Knowledge Foundation



[www.okfn.org](http://www.okfn.org)

# W3C Core Business Vocabulary / RegOrg



*The Core Business Vocabulary has now been formally published on the W3C standards track as a First Public Working Draft. It has been revised and renamed into Registered Organization Vocabulary (RegOrg).*



[https://joinup.ec.europa.eu/asset/core\\_business](https://joinup.ec.europa.eu/asset/core_business)

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## W3C<sup>®</sup> Registered Organization Vocabulary

*The Registered Organization Vocabulary is a profile of the Organization Ontology for describing organizations that have gained legal entity status through a formal registration process, typically in a national or regional register.*



<http://www.w3.org/TR/vocab-regorg/>

# LEI: Legal Entity Identifier



***A unique 20-character alphanumeric code, defined in the ISO 17442 standard***

***The reference data record accompanying each LEI include:***

- 1. the official name of the legal entity as recorded in the official registers;***
- 2. the registered address of that legal entity;***
- 3. the country of formation;***
- 4. codes for the representation of names of countries and their subdivisions;***
- 5. the date of the first LEI assignment; the date of last update of the LEI information; and the date of expiry, if applicable.***

**Source**  The global provider of secure financial messaging services



[http://www.swift.com/products\\_services/legal\\_entity\\_identifier\\_overview?rdct=t](http://www.swift.com/products_services/legal_entity_identifier_overview?rdct=t)  
[http://www.leiroc.org/publications/gls/lou\\_20131103.pdf](http://www.leiroc.org/publications/gls/lou_20131103.pdf)

# Legal Entity Identifier (LEI) schema (xsd)

```
LEI-France-schema.xsd - Bloc-notes
Fichier Edition Format Affichage ?
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:lei="http://xml.lei-france.fr/schema/" xmlns:xs="http://www.w3.org/2001/XMLSchema" targetNamespace="http://xml.lei-
france.fr/schema/" elementFormDefault="qualified"
  attributeFormDefault="unqualified" version="1.0" >

  <xs:annotation>
    <xs:documentation>This work is licensed under the Attribution-ShareAlike 3.0 Unported License. To view a copy of this
license, visit http://creativecommons.org/licenses/by-sa/3.0/.</xs:documentation>
  </xs:annotation>

  <!-- ++++++ Main elements and types ++++++ -->
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  <xs:element name="LEIDirectory">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="lei:LEIRecord" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
      <xs:attribute name="creationDateTime" type="xs:dateTime" use="required"/>
      <xs:attribute name="publicationDateTime" type="xs:dateTime" use="optional"/>
      <xs:attribute name="content" use="required" type="lei:ContentTypeEnum"/>
      <xs:attribute name="publicationId" type="xs:nonNegativeInteger" use="optional"/>
    </xs:complexType>
  </xs:element>

  <xs:element name="LEIRecord" type="lei:LEIRecordType"/>
  <xs:complexType name="LEIRecordType">
    <xs:sequence>
      <xs:element ref="lei:LegalEntity"/>
      <xs:element name="RecordState" type="lei:RecordStateEnum"/>
      <xs:element name="Events">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Event" type="lei:EventType" minOccurs="1" maxOccurs="unbounded"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="RelatedLEIs" minOccurs="0">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="RelatedLEI" type="lei:RelatedLEIType" minOccurs="1"

```



<https://lei-france.insee.fr/>

Source



Institut national de la statistique  
et des études économiques  
Mesurer pour comprendre

# Members update



# Program for 2014

- **17th ECRF conference Rome, Italy : June 3-5, 2014**
- **XBRL international conference in Orlando, FL : June 9-11, 2014**
- **Our Work Topics ?**