



LEI

GLOBAL
LEGAL
ENTITY
IDENTIFIER
FOUNDATION

The Legal Entity Identifier

An industry standard providing open and reliable data for unique identification management

12 May 2016

Semantic Interoperability Conference 2016

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1. The role of the Global Legal Entity Identifier Foundation (GLEIF) in the Global LEI System (GLEIS)

What is the Global LEI System and GLEIF?

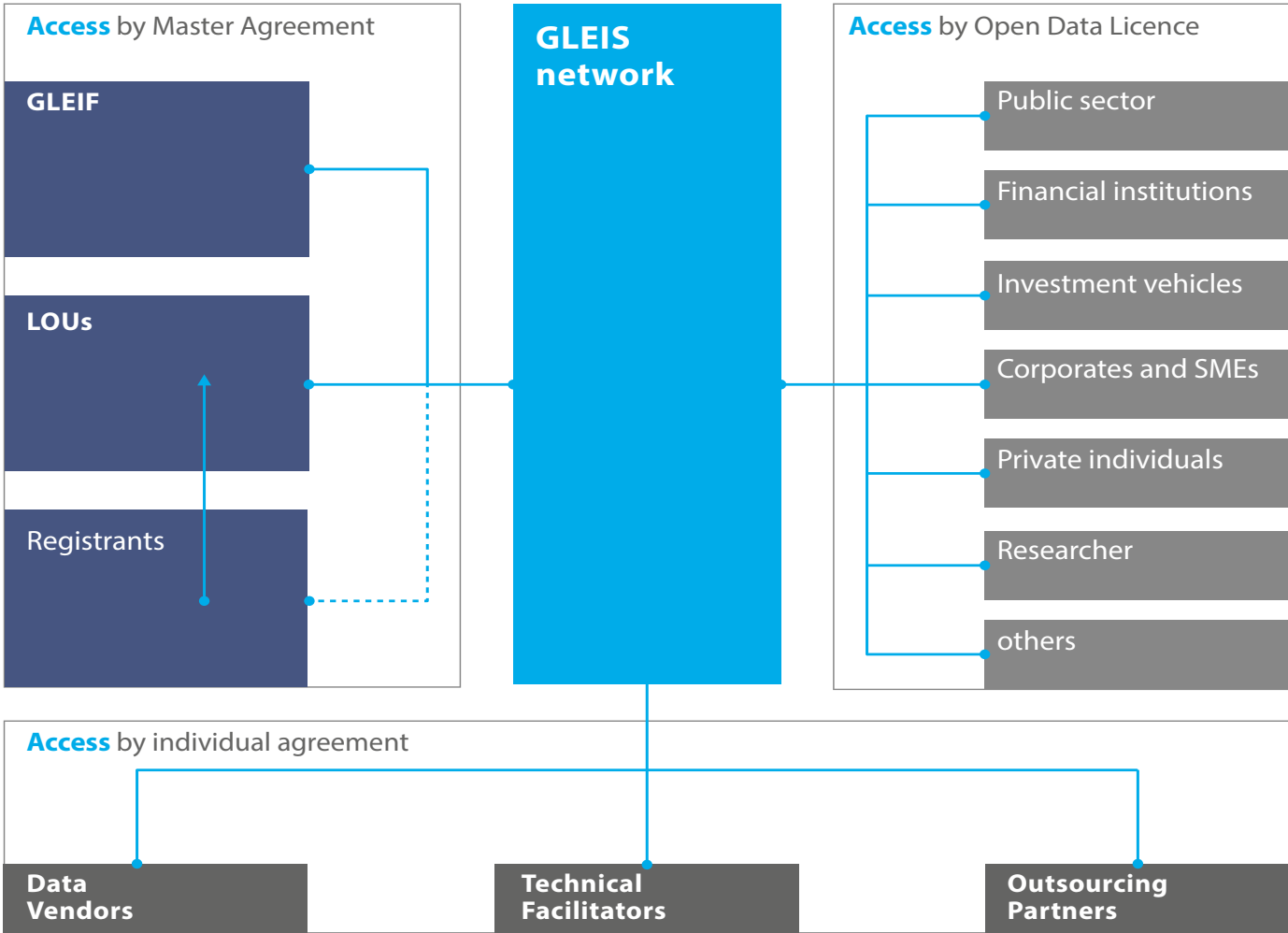


- The Global LEI System is composed of 3 layers:



The Financial Stability Board (FSB) and the Group of Twenty (G20) have endorsed the LEI, Global LEI System and GLEIF.

Global LEI System (GLEIS) as a legal network

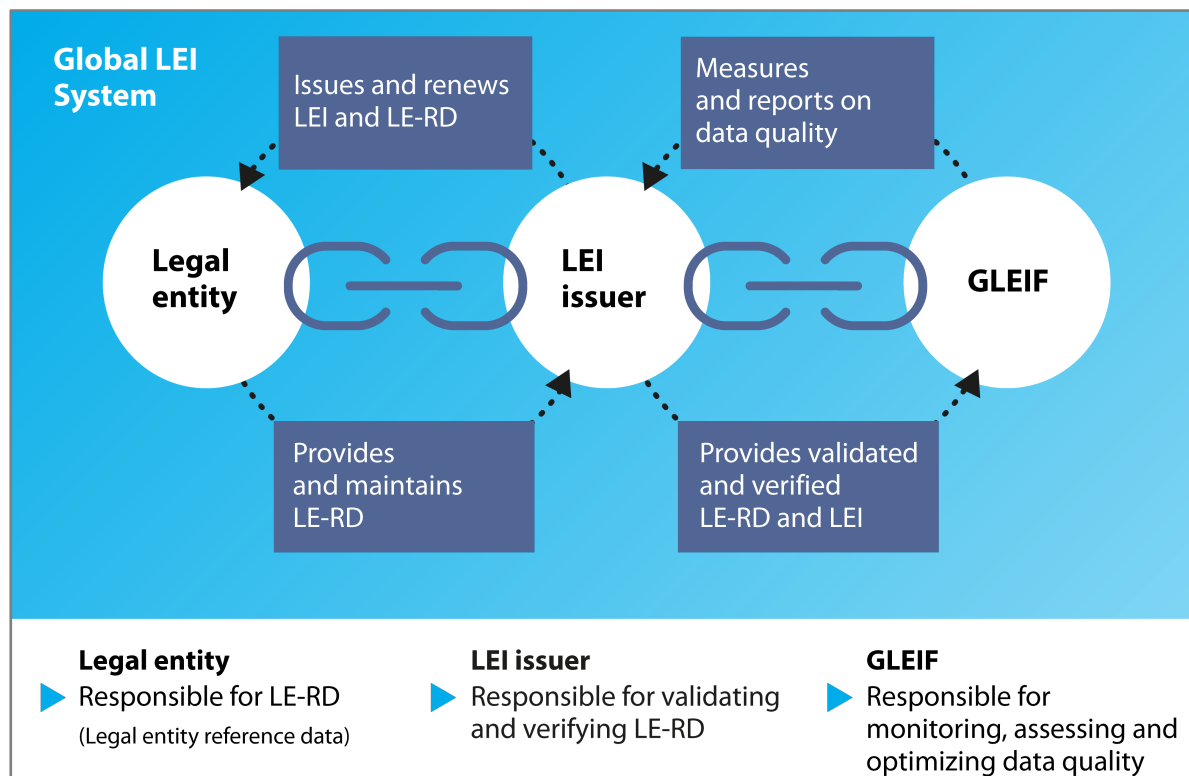


Global LEI System architecture



GLEIS as a federative architecture

GLEIF is responsible for ensuring the application of uniform operational standards and enforcing any required standards or protocols for Interoperability and quality.



The role of the GLEIF in the Global LEI System



“GLEIF manages a network of partners to provide trusted services and open, reliable data for unique legal entity identification worldwide.”

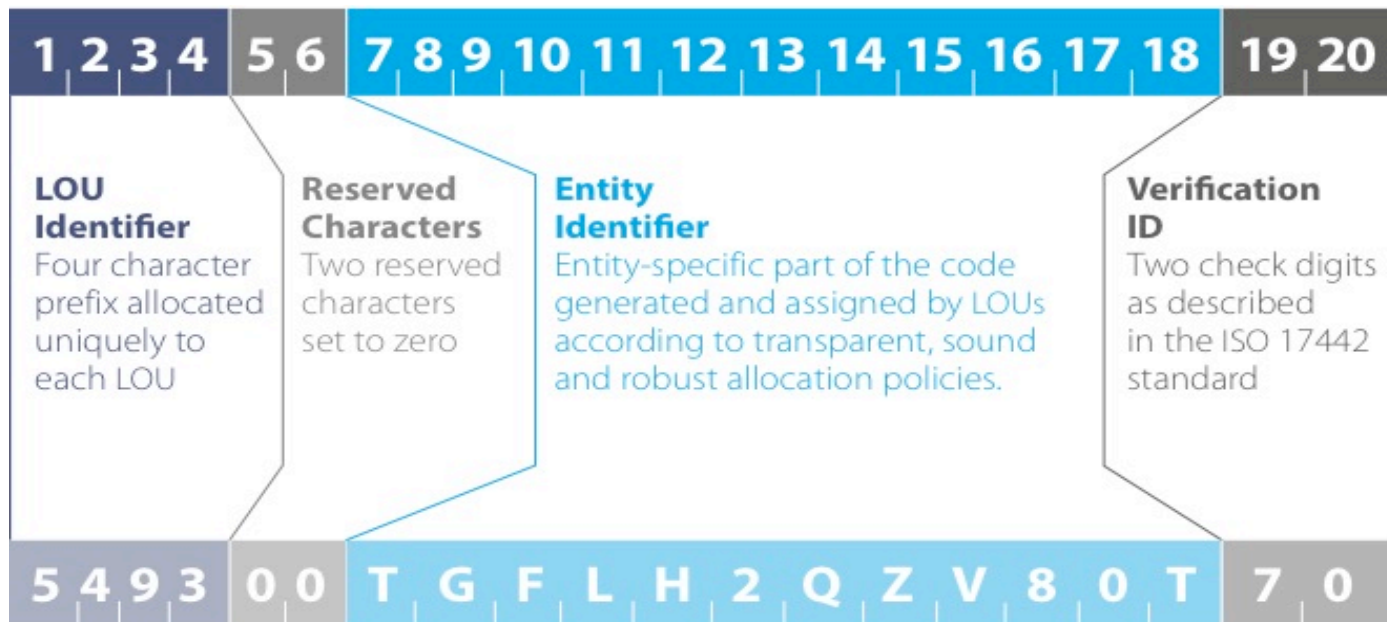
- **GLEIF performs four main functions:**
 1. **Rulemaking:** proposes, defines, issues and enforces worldwide uniform operational and technical standards and protocols for LEIs and LEI Reference Data.
 2. **Operations:** provides the technical infrastructure necessary to unite the LEI information published by the LOUs and to make publicly available at www.gleif.org the **Global LEI Index**
 3. **Monitoring:** accredits LOUs and monitors compliance of LOUs and users with the operational and technical standards and protocols. Since January 2016 GLEIF publishes a monthly **LEI Data Quality Report** with key statistics and the underlying **LEI Data Quality Checks** (also for comments).
 4. **Communication:** makes all relevant documentation available at www.gleif.org

2. The Legal Entity Identifier (LEI)

What is the LEI?



- A high-quality identifier that is accessible **free of charge** as a **broad public good** for the benefit of the users of the public and private sector.
- **Unique** 20 digit alphanumeric code based on ISO 17442 standard assigned to legal entities



Example: ABB Sécheron S.A., Switzerland

How to get an LEI



- LEIs are issued by local operating units (LOUs)
- LOUs supply registration, renewal and other services, and act as the primary interface for registrants for LEIs

The screenshot shows the GLEIF website navigation menu. The 'LEI Focus' link is highlighted in the top navigation bar. The 'How to Get an LEI' link is highlighted in the main navigation menu. The 'LOU Facts' section is also visible, listing 29 LOUs, operations based in 27 different countries, and 193 jurisdictions served.

The GLEIF website provides a listing of LOUs.

LOU Facts

- 29 LOUs
- Operations based in 27 different countries
- 193 jurisdictions served

How to access LEI data



- GLEIF collects **daily** the LEI data from the LOUs and publishes the concatenated file in the Common Data File format.
- All LEI data are **free of charge** downloadable from www.gleif.org. Search results are available in various formats. The search engine also allows search with multiple criteria.

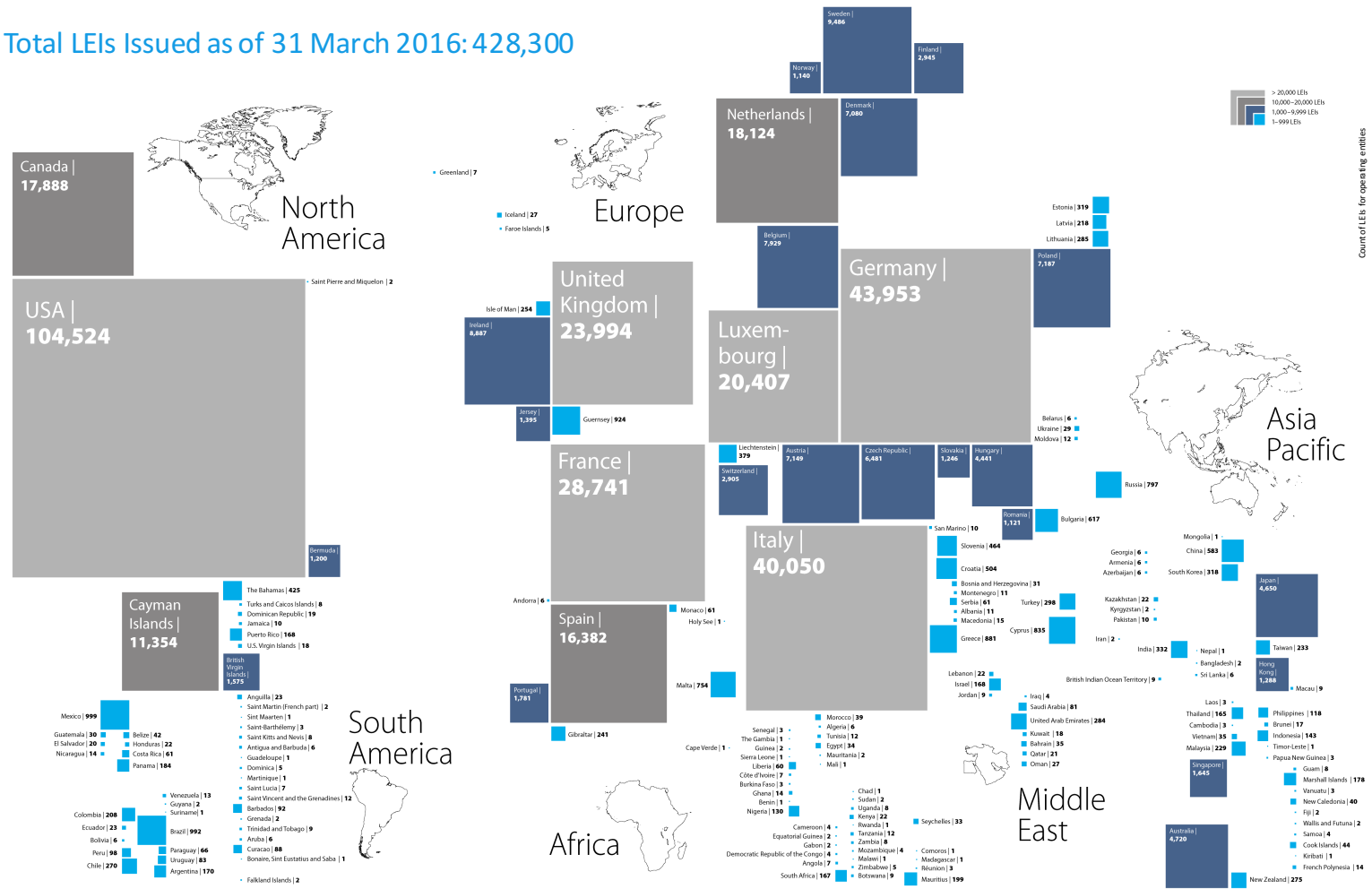
The screenshot shows the GLEIF website interface. On the left is a navigation menu with items like 'Access and Use LEI Data', 'Global LEI Index', 'LEI Statistics', 'LEI Search', 'How to Use LEI Search', 'GLEIF Concatenated File' (highlighted with a red box), 'About the Concatenated File', 'Download', 'LEI Issuers: Original Sources', 'GLEIF Data Quality Management', 'Data Quality Reports', 'Download Reports', 'Questions and Answers', 'Supporting Documents', and 'Manage Data Challenges'. The main content area is titled 'Latest File' and features a prominent blue button with a download icon and the text 'Download latest concatenated file (2016-05-03)'. To the right of this button, it states '436,127 LEI records, 52.42 MB, Created by GLEIF' and 'MD5 Checksum: 103077074ebfde8ab13b29805d6495fb', with a 'Show Details' link below. Below the 'Latest File' section is a 'File History' section containing a table with the following data:

Date	Created By	Details	MD5 Checksum	Record Count	Concatenated File
2016-05-02	GLEIF	Show Details	Show Checksum	436,019	Download (52.41 MB)
2016-05-01	GLEIF	Show Details	Show Checksum	436,005	Download (52.4 MB)
2016-04-30	GLEIF	Show Details	Show Checksum	435,993	Download (52.4 MB)
2016-04-29	GLEIF	Show Details	Show Checksum	435,708	Download (52.37 MB)

Where are Legal Entities with LEIs located?



Total LEIs Issued as of 31 March 2016: 428,300



3. Why LEI?

Unique Characteristics of the Global LEI System



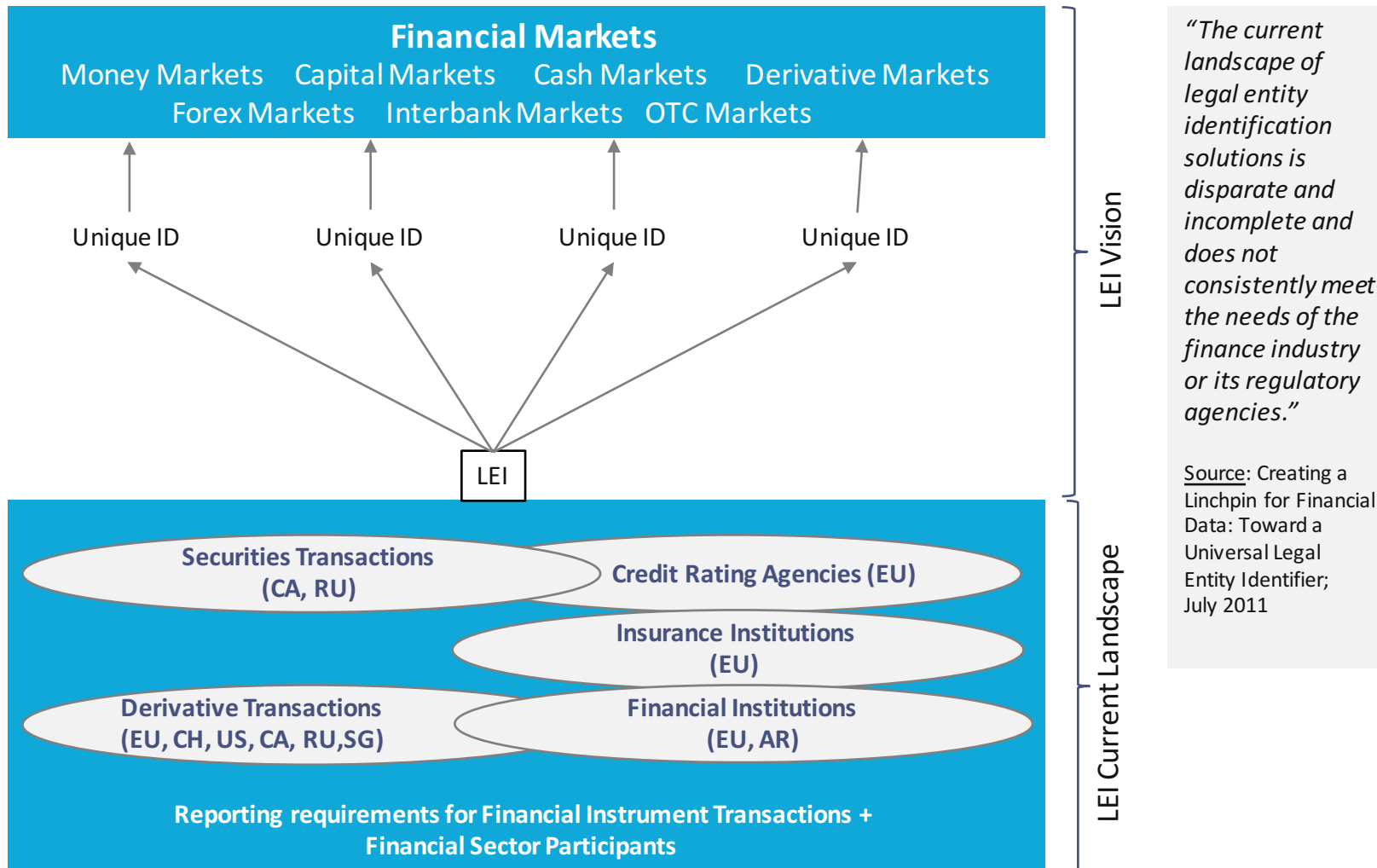
- **Regulatory support:** the LEI is a regulatory mandated identification system. Members of the Regulatory Oversight Commission (ROC) pledge to support the introduction of the Global LEI System for official or international identification purposes.
- **Data access:** the LEI and the LEI reference data are made available to end users under a Creative Commons (CC0) license. These data are publically available free of charge.
- **System structure:** the Global LEI System is a system of federated registries. It benefits from the local knowledge of LEI issuing organizations but ensures interoperability between LEI issuing organizations. Furthermore, the Global LEI System has a hierarchical structure. While each LEI issuing organization publishes daily its full file of managed LEIs, the user needs only reference the GLEIF consolidated publication of managed LEIs.
- **Data quality:** the LEI issuing organization validates annually the Legal Entity reference data. Any public user can challenge the accuracy of a Legal Entity's reference data.

Unique Characteristics of the LEI



- **Persistence:** the LEI is a persistent identifier that may be used to identify any unique legal entity.
- **Global recognition:** with the assignment of an LEI, a legal entity becomes a digital entity recognizable globally.
- **Clear scope:** the LEI and its associated reference data allow for easy identification of the legal entity. The LEI may act as an easy means to link to other value-added reference data, but the focus of the LEI is to provide best in class quality management for this basic reference data.

Original Vision and Current Landscape



4. Next steps

Common Data File Format of the LEI Record



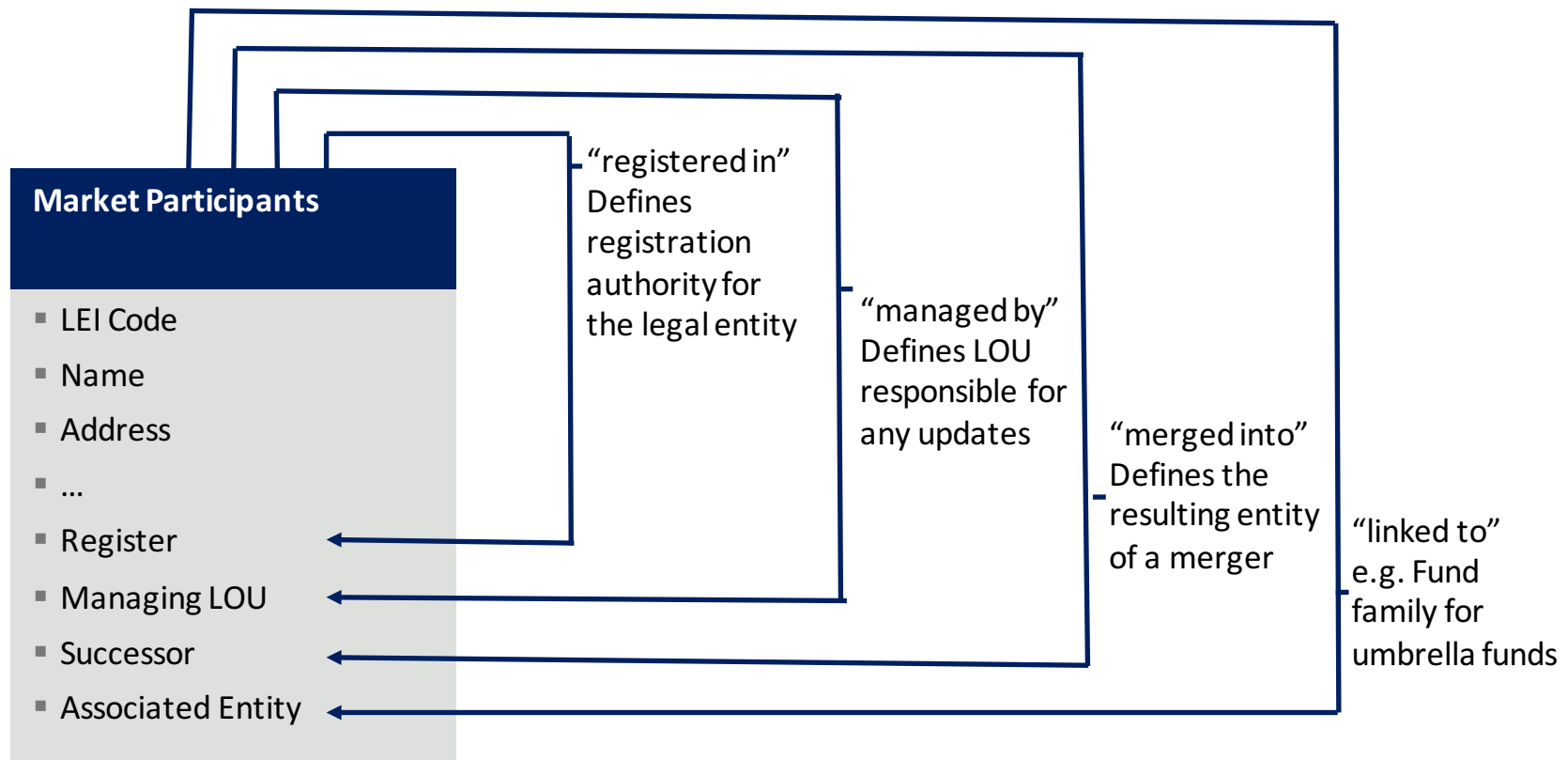
- The legal entity reference data content is defined in the Common Data File format. This is often referred to as ‘Level 1’ data
- In upcoming months GLEIF is responsible for enhancing the Level 1 data collection, in particular for standardizing the business register/other registration authority ID and the Entity Legal Form (ISO 20275)

LEI Data Record			[1..*]
LEI	LEI		[0,1]
Entity			[1]
LegalName	Name		[1]
OtherEntityNames	OtherEntityName		[0..n]
LegalAddress	Address		[1]
HeadquartersAddress	Address		[1]
OtherAddresses	OtherAddress		[0..n]
BusinessRegisterEntityID	BusinessRegisterEntityID		[0,1]
LegalJurisdiction	JurisdictionCode		[0,1]
LegalForm	Name		[0,1]
AssociatedEntity	Associated		[*]
EntityStatus	EntityStatusEnum		[1]
EntityExpirationDate	DateTime		[0,1]
EntityExpirationReason	EntityExpirationReasonEnum		[0,1]
SuccessorEntity	Successor		[0,1]
Registration			[1]
InitialRegistrationDate	DateTime		[1]
LastUpdateDate	DateTime		[1]
RegistrationStatus	RegistrationStatusEnum		[1]
NextRenewalDate	DateTime		[1]
ManagingLOU	LEI		[1]
ValidationSources	ValidationSourcesEnum		[0,1]
Extension			[0,1]

Relationships: Level 1 Data



Already the Level 1 data collection provides a number of relationships for each legal entity:

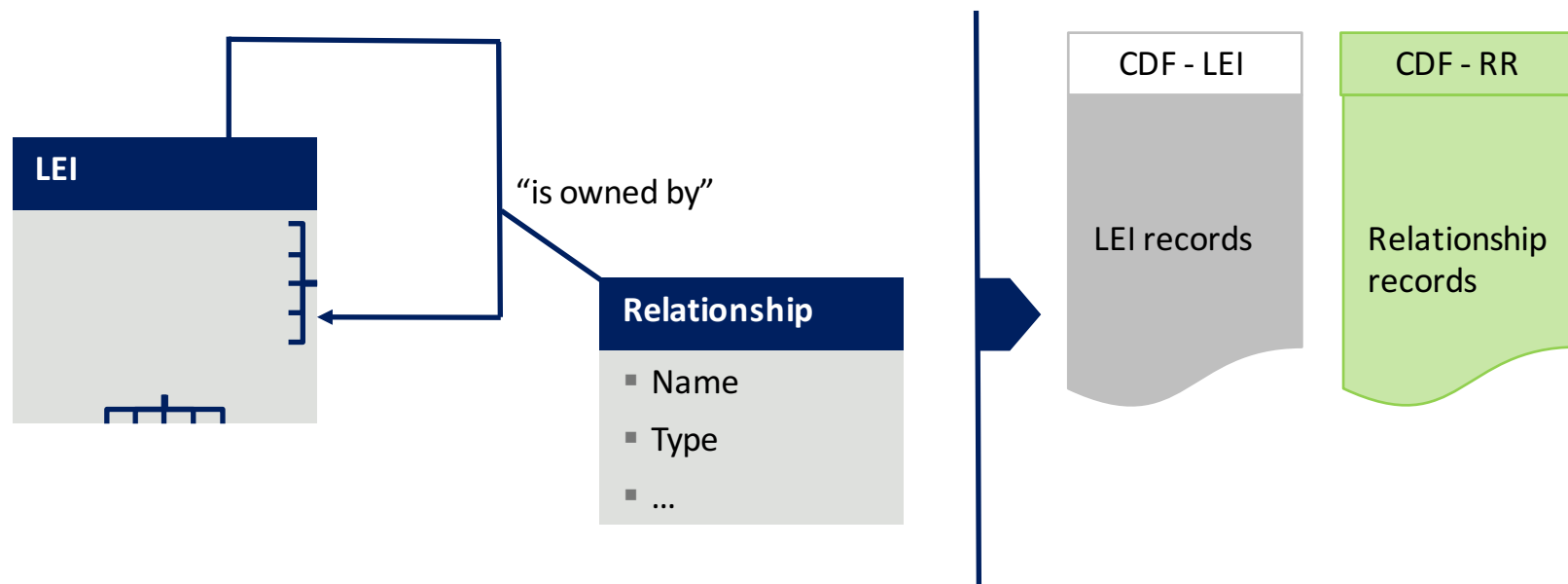


Relationships: Level 2 Data and Relationships



Next step in the evolution of the GLEIS is the introduction of relationships between Legal Entities and their Direct and Ultimate Parents.

Out of several optional relationship types the Regulatory Oversight Commission (ROC) policy defines “Accounting Consolidation” as first implementation (full consolidation in parent balance sheet). The relation itself shall be designed as “object” coming with certain attributes.



Thank you for your attention!

For more information, visit the GLEIF Website at www.gleif.org

Limitations



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