



Data Explosion: How the LEI as data connector creates a more transparent financial world

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GLEIF**

- Who is GLEIF
- LEI Data
- Data Quality Management
- Open Data and Open Source

Who is GLEIF?



- The GLEIF is a Swiss foundation inaugurated in June 2014 and founded by the Financial Stability Board (FSB).
- GLEIF is overseen by 71 regulators and 19 observers in the Regulatory Oversight Committee (ROC) from 50 countries.
- GLEIF Board has 19 independent directors.



GLEIF in Numbers

Budget 2018
9,5 M US\$

GLEIF in Numbers

Partners for LEI issuing (LOUs)
34, and growing

GLEIF in Numbers

Number of employees
40 from 24 countries

GLEIF in Numbers

Issued LEIs at end Q3-2019
1,500,000



GLEIF Vision

Ultimately, there should be one identity behind every business

Having an LEI will help to achieve this objective

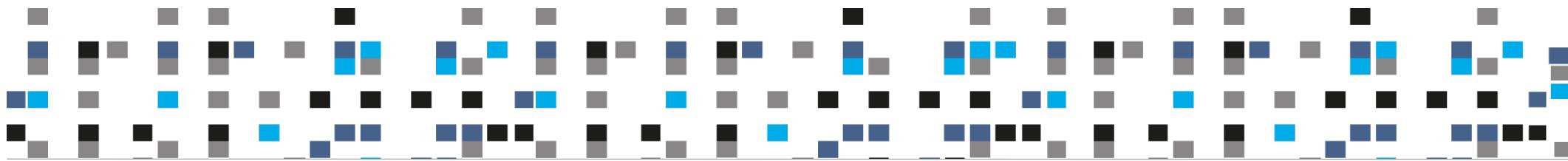
GLEIF Mission

GLEIF manages a network of partners, the LEI issuing organizations, to provide trusted services and open, reliable data for unique legal entity identification worldwide

GLEIF Scope

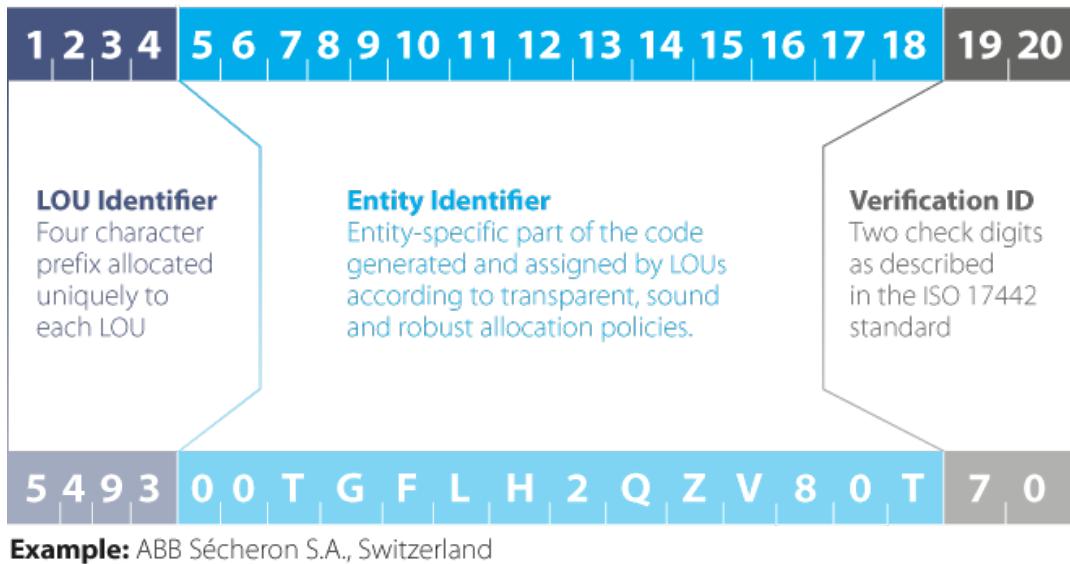
Supra-national, non-for-profit organization

GLEIF is, by its statutes, agnostic to any particular commercial or political interests



What is the Legal Entity Identifier (LEI): Who is Who ?

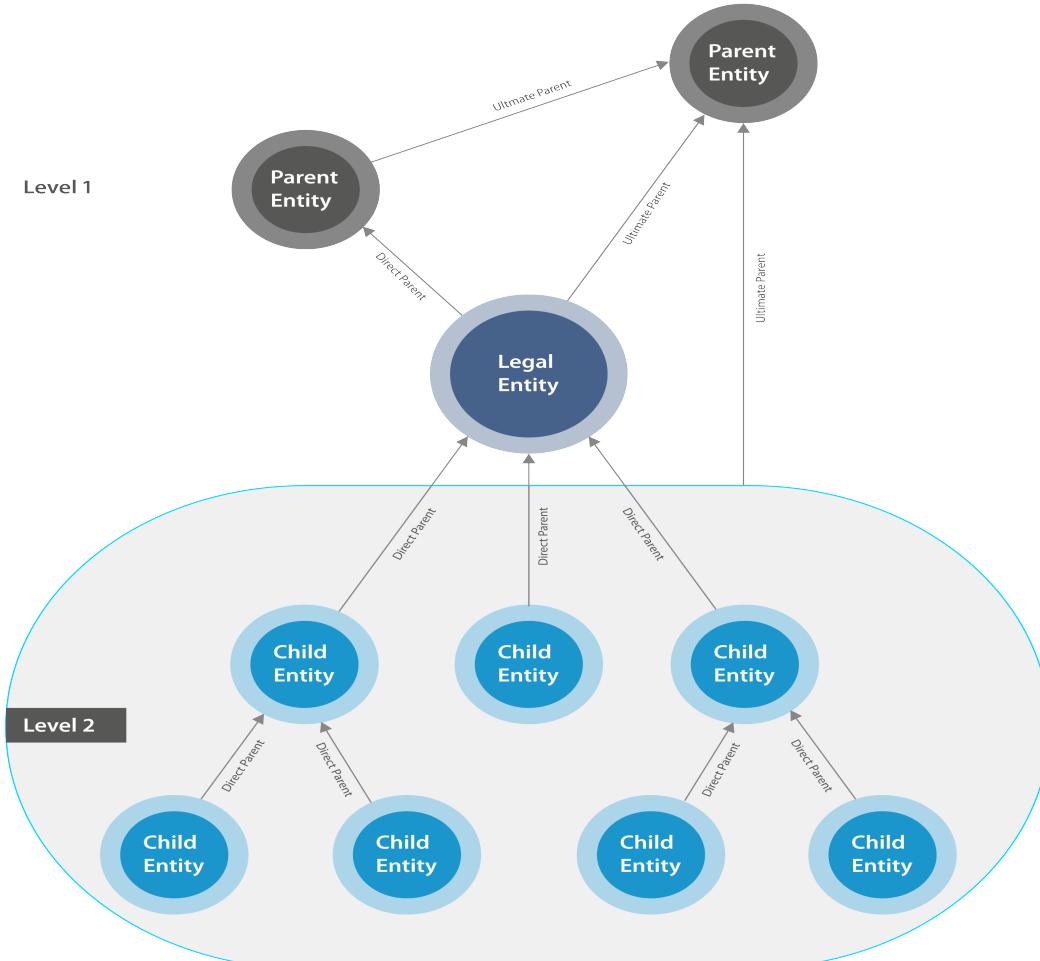
- The LEI is an 20-digit, alpha-numeric code based on the ISO 17442 standard of legal entities developed (and maintained) by the ISO Technical Committee 68 Financial Services



- Connects to key reference information that enables clear and unique identification of legal entities participating in financial and digital transactions

LEI Data Record [1..*]		
LEI	LEI	[0,1]
Entity	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	Registration	[1]
InitialRegistrationDate	DateTime	[1]
LastUpdateDate	DateTime	[1]
RegistrationStatus	RegistrationStatusEnum	[1]
NextRenewalDate	DateTime	[1]
ManagingLOU	LEI	[1]
ValidationSources	ValidationSourcesEnum	[0,1]
Extension	Extension	[0,1]

Information available with the LEI: Who owns Whom ?



- Following information on '**who is who**', the LEI data pool was enhanced to include information on '**who owns whom**'.
- This allows the identification of **direct and ultimate parents** of a legal entity and, vice versa, so that the entities owned by individual companies can be researched.
- Relationship records available of
 - Ultimate parents
 - Direct parents
 - Direct children
 - Ultimate children

LEI Search 2.0

Example



Nestlé S.A.

LEI Code KY37LUS27QQX7BB93L28 [Hide](#)

(Primary) Legal Name	Nestlé S.A.
Transliterated Names	Nestle S.A.
Registered At	Commercial Register (Ministry of Justice) Handelsregister (Eidg. Amt für das Handelsregister) Switzerland, Switzerland RA000549
Registered As	CHE-105.909.036
Jurisdiction Of Formation	CH
Entity Legal Form	Aktiengesellschaft MVII
Entity Status	ACTIVE
BIC Code	NESNCH2XXX

Sections

Empty fields

Entity details

Addresses

LEI Registration details

LOU details

Level 2 Data: Who Owns Whom

Parents

NATURAL_PERSONS (Direct Parent Exception reported) NATURAL_PERSONS

Direct children (69)

Nestlé S.A.

- Maggi-Unternehmungen AG (Direct)
- Nestle Marcas S.A.C. (Direct)
- 네슬레코리아 유한책임회사 (Direct)
- Nestle Waters Brasil - Bebidas E Alimentos Ltda. (Direct)
- Nestle Brasil Ltda. (Direct)
- Nestle de Colombia S.A. (Direct)
- Nestle Türkî ye Gida Sanayî Anonî mşî rketî (Direct)
- Nestle Middle East FZE (Direct)
- Nestle Dubai Manufacturing L.L.C. (Direct)
- Nestle Middle East Manufacturing LLC (Direct)
- Nestle Lanka PLC (Direct)

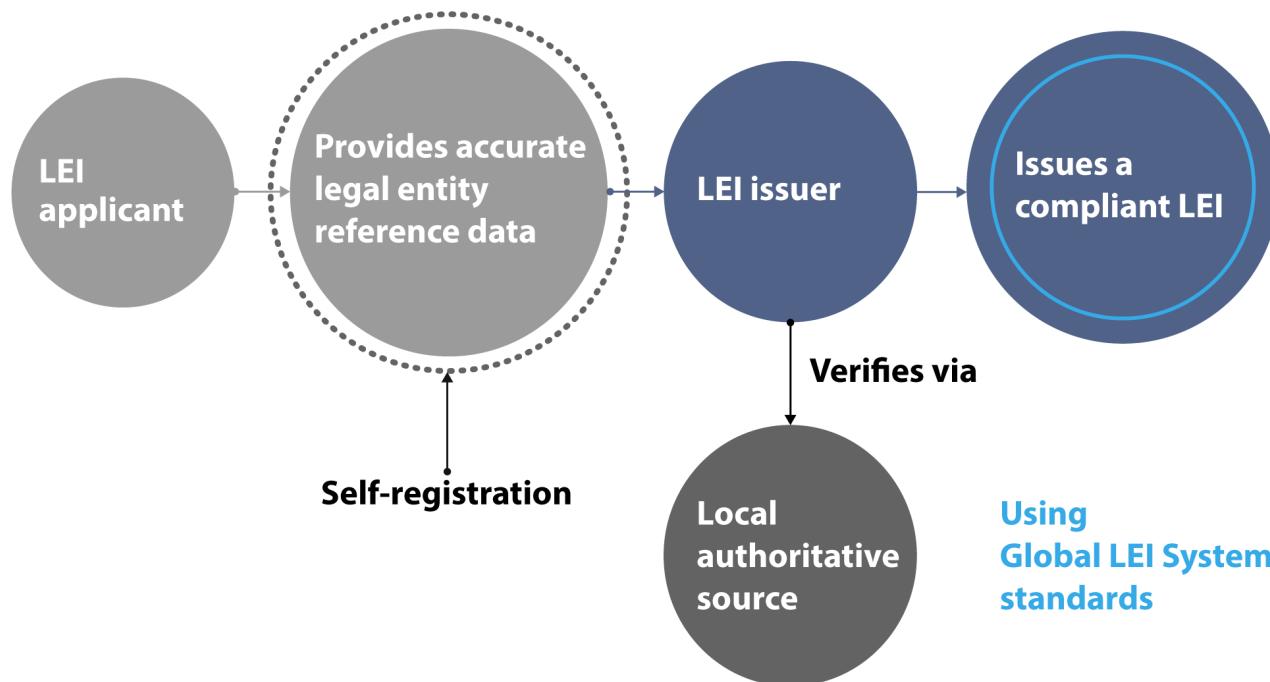
Ultimate children (110)

- Maggi-Unternehmungen AG (Ultimate)
- Nestle Marcas S.A.C. (Ultimate)
- Galderma Nordic AB (Ultimate)
- 네슬레코리아 유한책임회사 (Ultimate)
- CPW Brasil Ltda. (Ultimate)
- Chocolates Garoto SA (Ultimate)
- Nestle Waters Brasil - Bebidas E Alimentos Ltda. (Ultimate)
- Nestle Nordeste Alimentos E Bebidas Ltda. (Ultimate)
- Nestle Brasil Ltda. (Ultimate)
- Nestle de Colombia S.A. (Ultimate)
- Nestle Middle East FZE (Ultimate)
- Nestle Dubai Manufacturing L.L.C. (Ultimate)
- Nestle Middle East Manufacturing LLC (Ultimate)
- Nestle Lanka PLC (Ultimate)
- Fondation Nestlé pour l'étude des problèmes de l'alimentation dans le monde (Ultimate)
- Nestle (Thai) Limited (Ultimate)

Self-registration principle

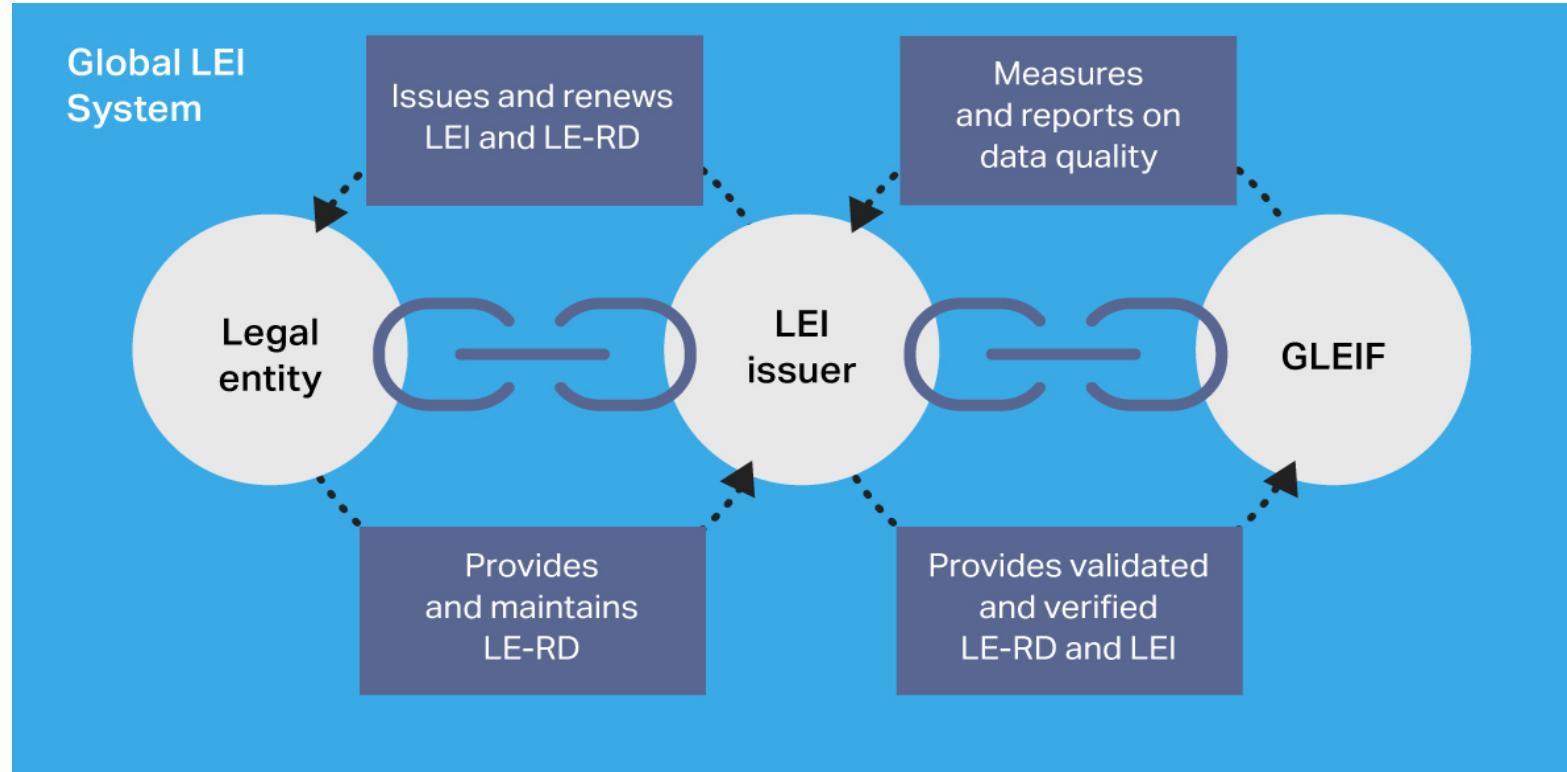
- Local Operating Units (LOUs) – also referred to as LEI issuers – supply registration, renewal and other services, and act as the primary interface for legal entities wishing to obtain an LEI.

- 34 Accredited LOUs
- 6 Candidate LOUs
- 6 Applicant LOUs



- 26 private, 8 public organizations
- 12 ANNA members
- 12 CSDs
- 6 Trade Repositories
- 5 Business Registries
- 11 Clearing Houses
- 21 organizations issue other identifiers

Data Quality Value Chain



Legal entity

- ▶ Responsible for LE-RD (Legal entity reference data)

LEI issuer

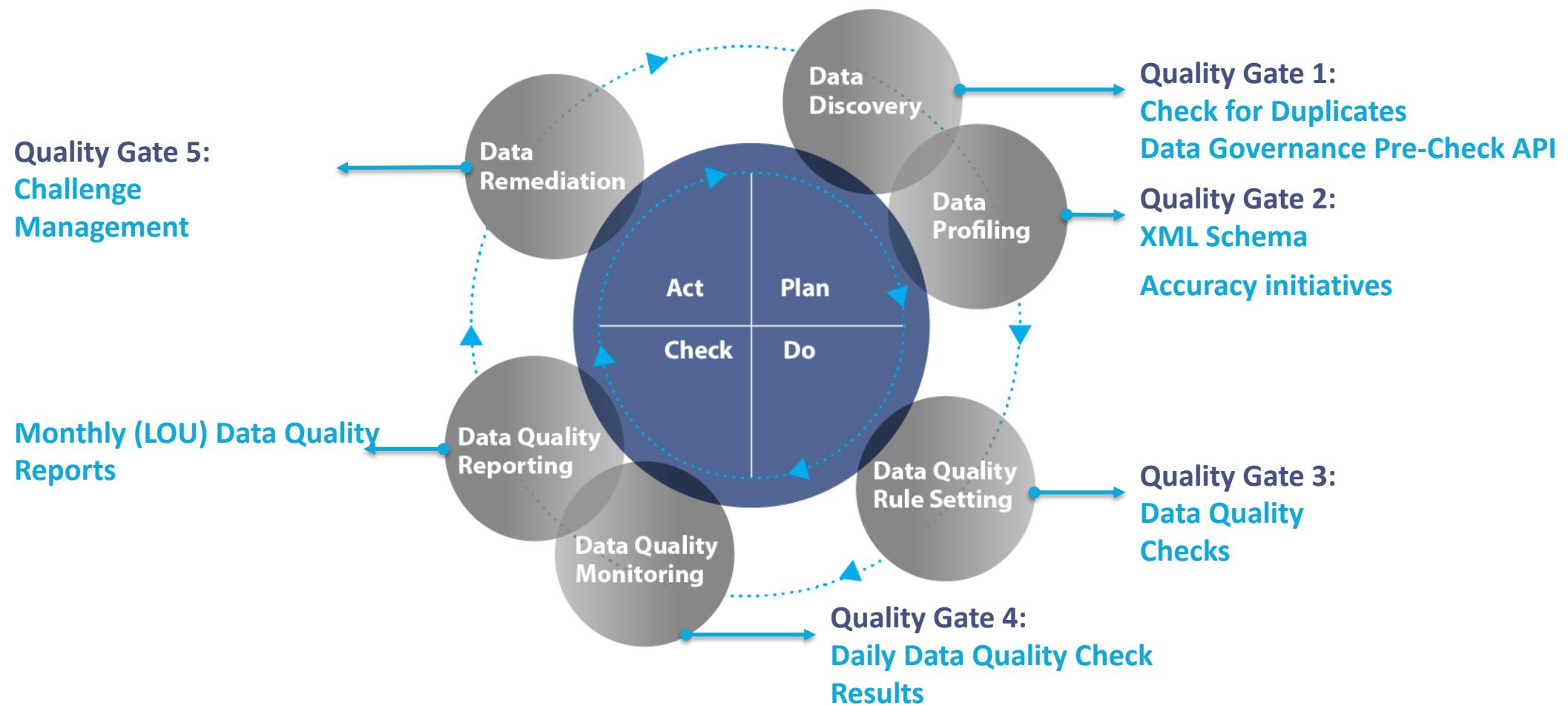
- ▶ Responsible for validating and verifying LE-RD

GLEIF

- ▶ Responsible for monitoring, assessing and optimizing data quality

Data Quality Management Program

Data Quality Cycle and Quality Gates



Only global free of charge online source that provides open, standardized and high quality legal entity reference data.

LEI is the linchpin that connects the dots across the universe of entity identification in the digital age – GLEIF mapping program

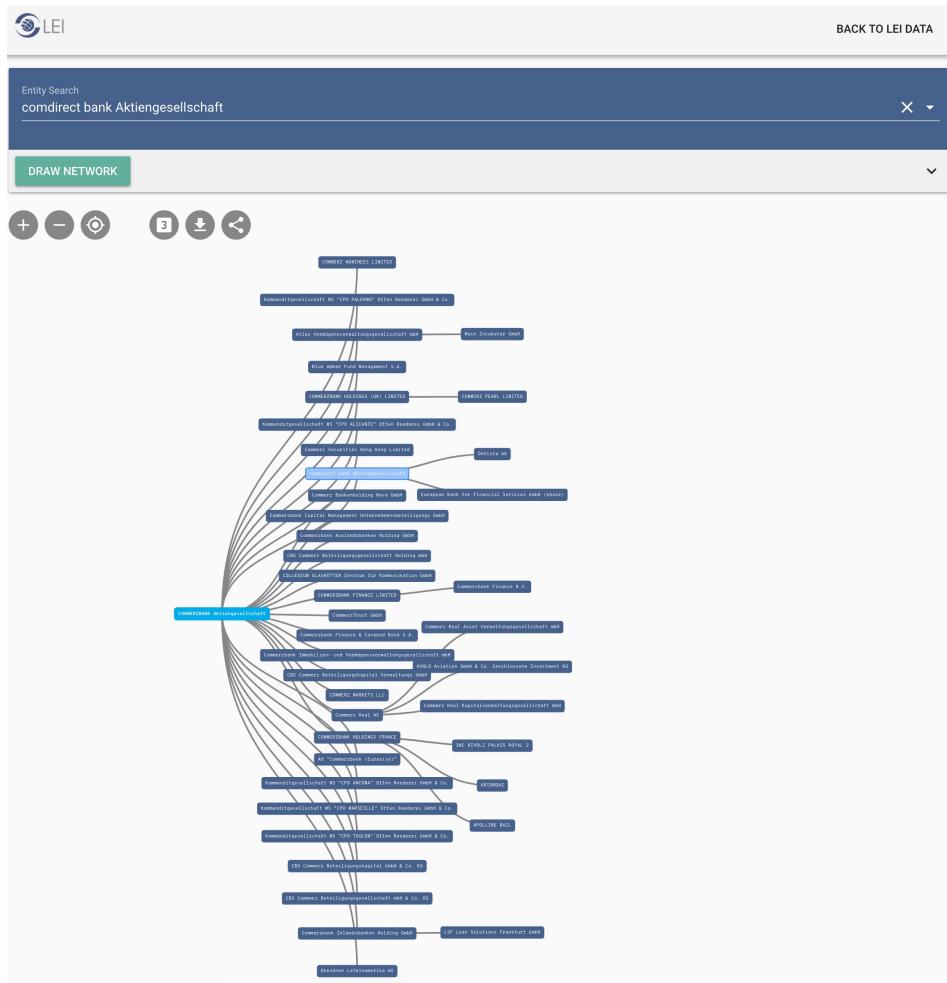
Global LEI Index available on the GLEIF website <https://www.gleif.org>

LEI Mapping: <https://www.gleif.org/en/lei-data/lei-mapping>



Open Data & Open Source

GLEIF meets CorrelAid



Visualization Tool Repository:
github.com/CorrelAid/gleif-level2-server
github.com/CorrelAid/gleif-level2-client

CorrelAid blog:
<https://correlaid.org/blog/hackathon-gleif/>

GLEIF Open Source:
<https://www.gleif.org/en/about/open-source>



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