

# Data Standards Initiatives

## The LEI is just the beginning

*CEMLA Meeting on Financial Information Needs for Statistics,  
Macroprudential Regulation and Supervision in Central Banks*

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*Views and opinions expressed are  
those of the authors and do not  
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or Treasury positions or policy.*

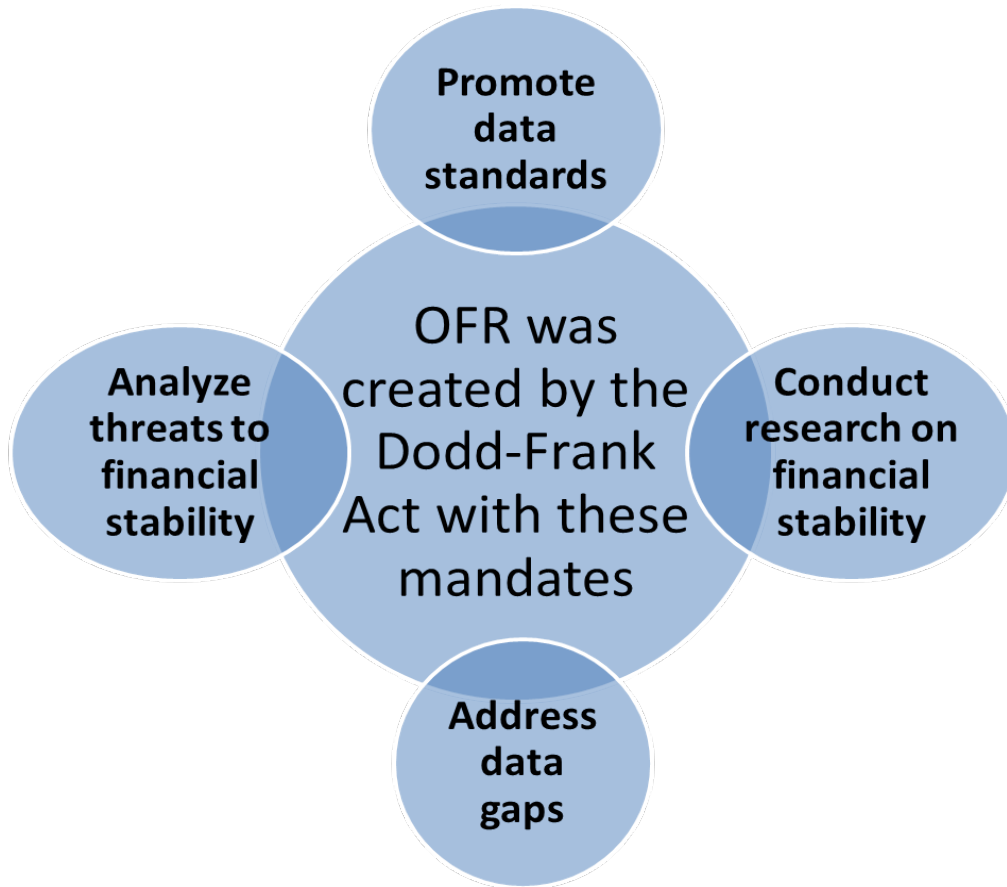
*Mexico City  
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## Overview

- Who is the OFR
- Benefits of data standards
- Best practices in data standards
- Legal Entity Identifier
- Universal Mortgage Identifier
- Swap Data Repository Standards
  - Universal Product Identifier
  - Universal Transaction Identifier

# Who is the OFR



## OFR is:

- **working with agencies to identify needs for data standards**
- **collaborating with industry and expert groups such as X9, EDM Council, and ISO**

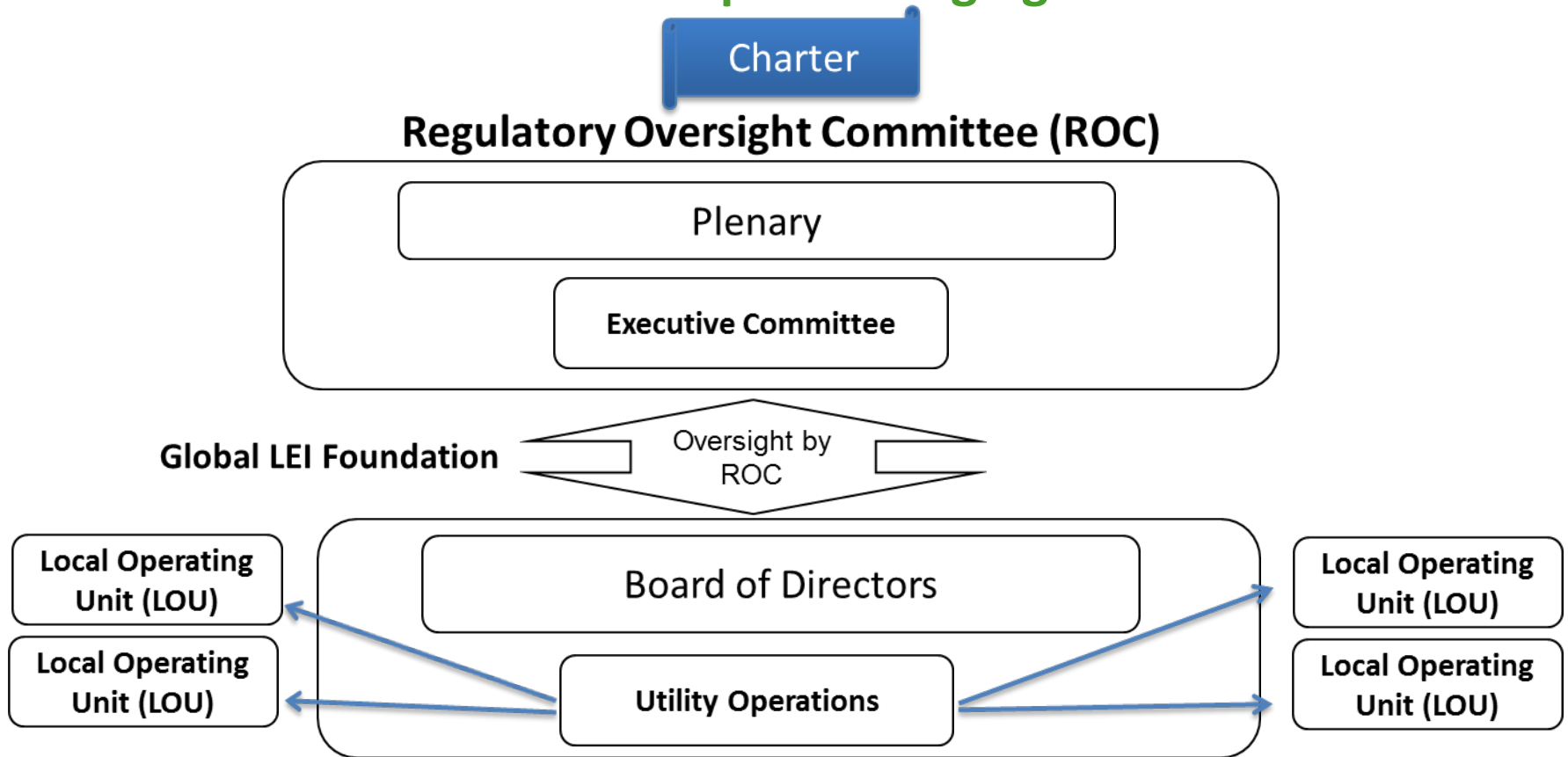
## Benefits of Data Standards

- Enhance regulatory data sharing, interoperability
- Reduce industry's reporting burden through greater efficiency, less redundancy
- Help OFR carry out strategic goal to “provide the public with key data and analysis, while protecting sensitive information”
- Improve usability of data to monitor the financial system by enabling linking, aggregating, and sharing
- Enable cross-over for private sector use, such as to strengthen risk management

# Best Practices in Identification Data Standards

- Unique - one and only one ID for each object identified
- Persistent – should change as the object moves through the system
- Neutral – should not contain intelligence
- Extensible – must allow for growth
- Reliable – Must be of high quality
- Open – Must be available for use

**Legal Entity Identifier (LEI) – A unique, consistent and persistent identifier used by financial market participants. Entity identification is one of the first step in managing data assets.**



## LEI Timeline

- 2010 U.S. interagency initiative launched and Linchpin paper published
- Nov. 2011 G20 asked Financial Stability Board to develop LEI framework
- March 2012 ISO 17442 adopted
- Nov. 2012 G20 approved charter to create ROC
- Jan. 2013 Global LEI ROC formed
- March 2013 Launch – ROC began oversight
- Today COU being formed (Swiss foundation)
- 267,000 IDs issued in 179 countries by 14 LOUs

## LEI in Reporting Rules

- European Banking Authority
- European Swaps Reporting (EMIR)
- Australia, Canada, Hong Kong, and Russia Trade Repositories
- U.S. CFTC Swaps Reporting
- U.S. Insurance Companies
- U.S. Mortgage Industry Standards



## Mortgage Identifier

- Universal Mortgage Identifier
- Unique persistent mortgage identification
- U.S. home mortgage loans represent 70 percent of household liabilities
- Bring coherence to fragmented data
- Benefit households, industry, regulators, and researchers
- System must protect personal privacy
- OFR working paper [http://www.treasury.gov/initiatives/ofr/research/Documents/OFRwp0012\\_McCormickCalahan\\_CommonGroundNeedforUniversalMortgageIdentifier.pdf](http://www.treasury.gov/initiatives/ofr/research/Documents/OFRwp0012_McCormickCalahan_CommonGroundNeedforUniversalMortgageIdentifier.pdf)

## Swap Data Repository Identifiers

- Entity – LEI (available)
- Product – Universal Product Identifier
  - Need an international standard
  - Necessary for aggregating data
- Transaction – Universal Transaction Identifier
  - Need an international standard
  - Necessary for eliminating duplicate reporting

## Final Thought



Data Standards  
are more useful  
when they are  
international  
standards