Regional Course on Statistical Business Registers

Session 15: Other developments in SBRs

- UN/OECD Multinational Enterprise Information Platform (MEIP)
Multinational Enterprise Information Platform

A joint initiative between OECD and UNSD

Brings together previous projects:

• Global Groups Register (GGR) from UNSD
• Analytical Database on Individual Multinationals and Affiliates (ADIMA) from the OECD (Organisation for Economic and Co-operation and Development)

MEIP


OECD: https://www.oecd.org/sdd/its/mne-platform.htm
Multinational Enterprise Information Platform

Why have an MNE information platform?

• SBRs naturally focus first on the largest enterprises
• MNEs have been at the forefront of changes in the global economy
• Understanding their structure and behavior fundamental to consistency in global statistics / can help resolve discrepancies in trade data
• Facilitates analysis of globalization’s impact on global value chains (GVCs)
• Provides transparency to the public
Multinational Enterprise Information Platform

Methodology

• Developed from a number of timely, publicly available data sources

• Platform combines traditional (i.e. annual reports) and alternative (i.e. webpage metadata) sources

• Includes review of websites, social media profiles, apps

• Advanced data techniques to match records (i.e. fuzzy matching)

• Freely available to the public
Multinational Enterprise Information Platform

Methodology

More on “fuzzy” or “approximate string matching”
Multinational Enterprise Information Platform

Sources

• OpenCorporates
  Combines information from various business registers
  Example: https://opencorporates.com/companies/nl/28071597

• Legal Entity Identifier
  Example: https://search.gleif.org/#/record/LUZQVYP4VS22CLWDAR65

• PermID
  Example: https://permid.org/1-4298454609

CommonCrawl
OpenStreetMap
CorpWatch
PeopleDataLabs
Crunchbase
GDELT

Sectigo (crt.sh)
Tranco
WebDataCommons
OpenOwnership
WikiData
Multinational Enterprise Information Platform

Contents

• Global register
  Covering the structure of the 500 largest MNEs by providing information on
  the MNE’s head, their subsidiaries, their location and their ownership
  structure when available

• Digital register
  Covering the web presence of MNEs around the world by providing a list of
  connected websites and their relative importance determined by the number
  of visitors and the importance of links to their website (page rank)

• Media monitor
  Covering media articles relating to the largest 500 MNEs for 2022 and 2023.
  The aim of this data is to provide indications of significant events for each
given company, such as mergers, acquisitions, restructuring, and investment
Multinational Enterprise Information Platform

Global Register

+120,000 subsidiaries from 500 MNEs

- Name
- Identifiers
- Addresses
- Alternative names
- Hierarchy information where available

Metadata, country codes also included
# Multinational Enterprise Information Platform

## Global Register

<table>
<thead>
<tr>
<th>Parent MNE, Heirarchy</th>
<th>ISO3</th>
<th>Subsidiary Name (Clean)</th>
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<th>OpenCorporates</th>
<th>LEI</th>
<th>PermitID</th>
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</table>
Multinational Enterprise Information Platform

Digital Register

~50,000 websites from 500 MNEs

- Domain name
- Location (top level domain, i.e. “.ar”, and country code)
- Measures of importance
  - Page rank/number of visitors
  - “Harmonic centrality”
Multinational Enterprise Information Platform

Digital Register

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Multinational Enterprise Information Platform

Media Monitor

+ 10 million media articles

• New to this release
• Track major events related to MNE
• Future potential for ML to assist in interpreting/organizing
# Multinational Enterprise Information Platform

## Media Monitor

![Graph showing media articles and MNEs](#)

### Select Multinational Enterprise
- **Parent MNE**
  - 3M Co
  - Abb Ltd
  - Abbott Laboratories
  - Abbvie Inc
  - Abu Dhabi National Energy Company
  - Accenture PLC

### Media Articles

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Multinational Enterprise Information Platform

Dashboard

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Parent MNE
- Search
- 3M Co
- Abo Ltd
- Abbott Laboratories
- Abouke Inc
- Abu Dhabi National Energy Company
- Accenture PLC

Multinational Enterprise Information Platform
Global Register

Count of Subsidiaries per Multinational (Ctrl + Click for multiple selections)

UN Country or Area
Japan
Count of Subsidiary Name (Clean) 7
Count of Subsidiary Name (Clean) 7

OECD
United Nations
Department of Economic and Social Affairs
Statistics

SIAP
Multinational Enterprise Information Platform

Next Steps

Reduce resource burden
  • Auto data extraction and processing from PDFs?
  • AI tools to automate queries, i.e. is x a subsidiary of y?

Widen scope
  • Additional variables - employment, investment, turnover
  • Include more MNEs

Improved timeliness

NLP to classify news events

Link MEIP with Global Initiative on Unique IDs

Provide framework for users to profile other companies of interest
  • Native cloud-based database on the UN Global Platform
Questions/Discussion

1. Do you think the MEIP could be a useful resource in your work?

2. Would it be useful to have a platform to profile other companies not in the top 500 MNEs?

3. What else would you like to see from an MNE platform?
Multinational Enterprise Information Platform

Thank you!