

# Demonstrating XBRL Data in Use Case Studies from Japan

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**XBRL XXV**

HOSTED BY XBRL JAPAN

*TO THE NEXT LEVEL OF BUSINESS REPORTING. AND BEYOND.*



# Agenda

- Brief History of XBRL Adoption in Japan
- New Usage of XBRL Data
- Cases from XBRL Japan Members
- Frustrations and Expectations of Data Users
- Lessons from Japanese Experiences

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# Brief History of XBRL Adoption in Japan

- Tokyo Stock Exchange

  - 2003: Summary Data in TDnet (Timely Disclosure Network)

  - 2008: Full Disclosure of Financial Data

- National Tax Agency

  - 2004: Corporate eTax Filing

- Bank of Japan

  - 2006: Financial Data Reporting from Banks

- Financial Services Agency (FSA)

  - 2008: Renewal of EDINET (Electronic Corporate Disclosure System)

  - (2013: Next Generation EDINET Planned)

# New Usage of XBRL Data - eTAX

## <National Tax Agency>

Taxonomy Provided  
Tax Filing Tool

Web Site for Submission

Submitted Data Check

Data Retrieval for Filer

**Create**



**Submit**



**Accept**



**Store**

## <New Entry>

Tools for Creating Data  
(Accounting / Tax Filing)

Integrated Services  
Provided by Tax  
Accountants

Reuse of Data  
- Bank Credit Application

# New Usage of XBRL Data - BOJ

## <Bank of Japan>

Taxonomy Provided  
Conversion Tool Distributed  
(From Spreadsheet to XBRL)

**Create**

Pre-Check Menu  
BOJ Net for Submission

**Submit**

Submitted Data Check

**Accept**

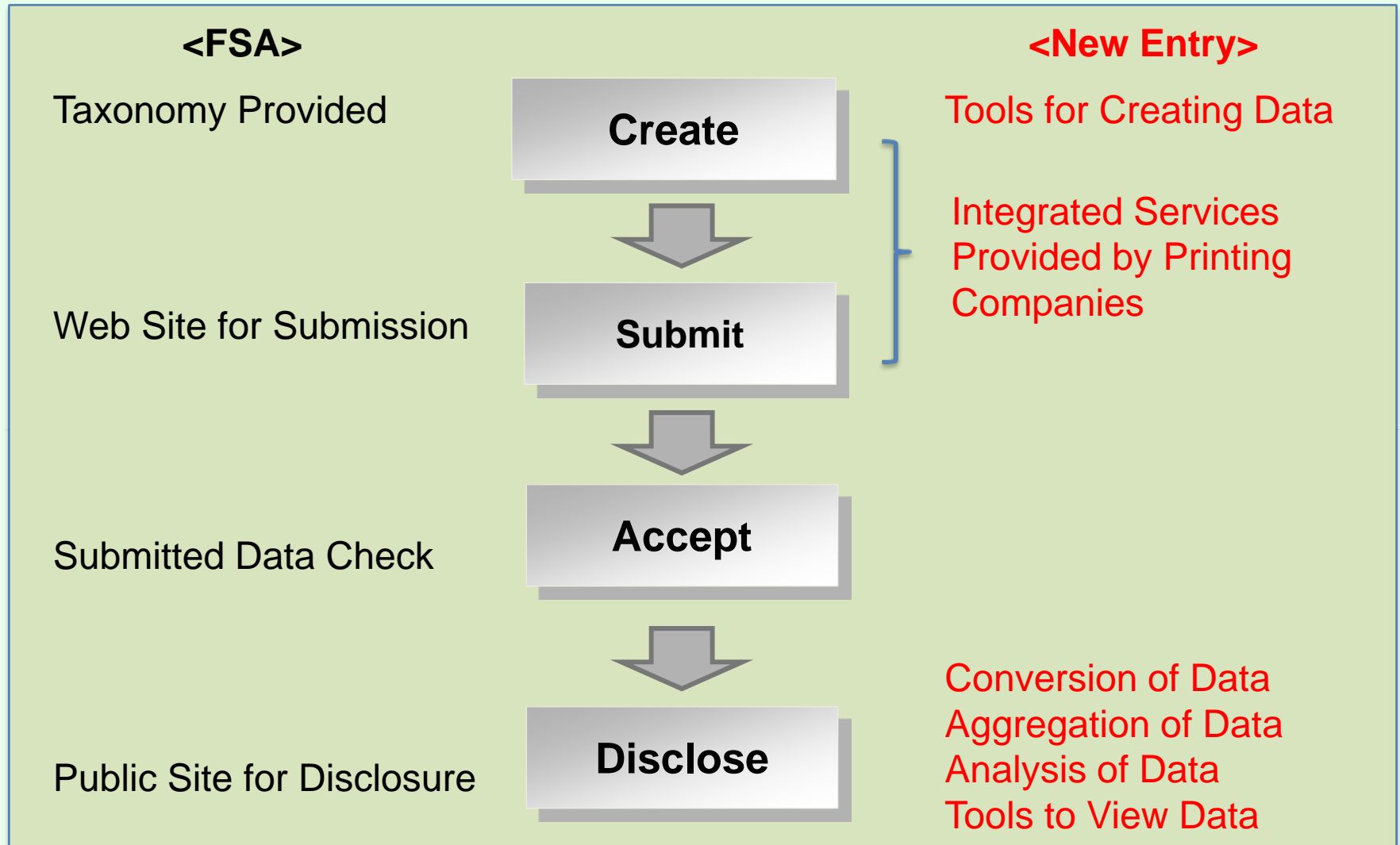
Stored only for Internal Use

**Store**

## <New Entry>

(No New Services or  
Tools Created for Banks)

# New Usage of XBRL Data - EDINET



# New Usage of XBRL Data - TDnet

## <Tokyo Stock Exchange>

Taxonomy Provided

**Create**

Web Site for Submission

**Submit**

Submitted Data Check

**Accept**

Public Site for Disclosure  
Tools to View Data

**Disclose**

## <New Entry>

Tools for Creating Data

Integrated Services  
Provided by Printing  
Companies

Conversion of Data  
Aggregation of Data  
Analysis of Data  
Tools to View Data

# Cases of XBRL Japan Member

- PRECIS
- Internet Disclosure
- Quants Research
- Teikoku Databank
- QUICK
- Toyo Keizai Inc.
- Tokyo Shoko Research

# Case: PRECIS

PRECIS entered into investment information data business with the introduction of XBRL

- Using both EDINET and TDnet data
- Providing investment information web site, “UFO Catcher”
  - The site collects XBRL data and shows various analysis
  - The site is organized with 3<sup>rd</sup> party advertisements
- Providing XBRL viewing tool such as TeCAX and TeCAPro
- Providing professional services to manage XBRL data

# Web site of PRECIS

**有報** みんなのXBRL  
**Catcher!**

投資顧問の提供する「明日の本命銘柄」が  
無料で毎日閲覧できる!

**勝てる銘柄情報を  
無料配信中**  
クリック!!

銘柄情報を無料で受け取る

Premium Stock Club  
プレミアムストッククラブ

## 有報ライブラリ

種類別 全文検索

有報・半報・四半期  
大量保有  
内部統制  
臨時報告書  
その他の法定開示書類  
決算短信

証券コードまたは名称  **企業検索** [R全文検索]

有報ライブラリ | IRの見どころ | 企業価値分析 | 財務統計 | カレンダー | 有報パーツ

[XBRLツール紹介](#) | [XBRL配信ウェブAPI](#) | [旧有報キャッチャー](#)

現在ログインしていません [ログイン](#) [その他...](#)

[Ads by Google](#) [決算売上](#) [決算書類](#) [経営決算](#) [財務諸表](#)

TOPメニュー

いいね! 15人がいいね!

今日の見どころ

ミロク情報サービス  
に関するお知らせ

**NEW**  
ミロク情報サービス  
『当社は  
一部指定の当サイトはスポンサー広告による収益で運営されています。  
ちまして  
部より同市場第一部に  
知らせいたします。』

有価証券報告書、決算書、財務諸表活用サイト

# ufocatcher 2.0

みんなのXBRL。

有報サーチ

比較分析

ランキング

コードブック

RSS

ご案内

ブログ

## 2012年後半にくる 急騰・急落銘柄は?



2593	伊藤園	東1	1,463
2593	伊藤園第1種優先	東1	990
3329	東和フードサービ	JQ	1,025
2910	ロックフィールド	東1	1,342
9444	トーション	HC	5,600
2695	くらコーポレーシ	東1	1,075

»答えは、こちらをクリック!

[Ads by Google](#)

[ダウンロード](#)

[財務諸表](#)

[決算書類](#)

[経営決算](#)

## 有報サーチ

タブ選択から条件の指定が可能です。

XBRLで開示されていない有価証券報告書の検索は[こちらから](#)

適時開示情報のXBRLの情報は[有報キャッチャーASP](#)をどうぞ

名前で検索

報告日検索

EDINET分類

証券33業種

名称・コード検索、提出書類選択

会社名/EDINETコード/証券コードを入力

[検索](#)

☐ ALL ☒ 一般企業 ☐ ファンド

☒ 有価証券報告書 ☒ 半期報告書 ☒ 四半期報告書 ☒ 有価証券届出書

☐ ALL ☐ 東証 ☐ JASDAQ ☐ 新興 ☐ 大証 ☐ 名証 ☐ 福証 ☐ 札証 ☐ その他

## TeCAPro

XBRL対応。  
EDINET/TDnet  
リアルタイムの  
ブラウザ登場。



[詳細を表示](#)

# XBRL XXV

HOSTED BY XBRL JAPAN

**XBRL**  
eXtensible Business Reporting Language

# Case: Internet Disclosure

Internet Disclosure entered into investment information data business with the expansion of internet

- Using both EDINET and TDnet data
- Providing investment information web site, “Kaiji-Net”
  - Search capability for disclosure documents
  - XBRL has been used to indicate financial data
- Providing web site, “Japan Express” for Non Japanese Investor
  - English financial information of Japanese listed companies
  - Using XBRL English label to display financial data

# Web site of Internet Disclosure

**KaijiNet/JapanExpress**

 Tweet < 29

 Like < 11

Inc. submitted "MIRABEGRON RECEIVES POSITIVE CHMP OPINION FOR TREATMENT OF OVERACTIVE BLADDER SYMP

Top

Search

Result

Company

Watchlist

Our message

**Terms and Conditions** : Contents of KaijiNet/JapanExpress have been mainly prepared by Internet Disclosure Co., Ltd. based on XBRL data delivered by TDnet. These contents have been produced with the utmost care. However, we bear no responsibility for content errors.

To our friends around the world. Thank you for your support for the earthquake disaster reconstruction.

As a registered user (It's FREE) , you can access the following function

**Watch List** ... You can receive e-mails when the companies in your watchlist submit disclosure documents.

**Profit Analysis** ... It shows analysis of financial data and then reports the results.

**Ranking** ... It shows your selected company's position on the ranking lists in the industry.

Our database contains

4039

companies

64336

English documents and more..



<http://www.internet-disclosure.com/en/products/japanexpress/>

# Case: Quants Research

Quants Research was established to provide solution and contents based on financial engineering technology

- Using mainly TDnet data
- Providing investment information web site, “Kabu-Map”
  - Mainly Using PDF data to update information
  - XBRL has been collected and accumulated but not used (PDF data can meet the needs of user, but future plan is to convert XBRL to improve data analysis)

# Web Site of Quants Research



[最新ネット証券ランキング!](#)  
[最新FX口座ランキング!](#)

[サイトマップ](#) | [活用特集](#) | [証券会社比較](#) | [FX会社比較](#) | [ヘルプ](#)

[TOP](#) | [マイページ](#) | [銘柄探し](#) | [銘柄分析](#) | [市場分析](#) | [外国為替](#) | [遊ぶ](#) | [投資信託](#) | [株マップ.comとは](#) | [プレミアム会員案内](#)

株マップ.comトップ

文字サイズ: 大 | 中 | 小

キーワードで探す

 チャート・テクニカル決定版  
**株マップ.com**

株マップ.comの姉妹サイト第三弾!  
FXの分析なら何でもおまかせ  
「FX株マップ.com」



いますぐ  
チェック

株マップ.com目的別ナビゲーション

[銘柄を探したい](#) | [銘柄を分析したい](#) | [ゲームで遊びたい](#) | [ネット証券を選びたい](#)

テクニカルシグナルニュース



Code: 6502  
RSIで売りシグナルが出ています。過去2年間に於いて、同パターンは6回出現し、買いシグナルで購入(買戻し)するまでの平均の株価変動率は、-9.64%です。...

※大型株のみ抽出。株マップ.comプレミアム会員1になると全ての銘柄のテクニカルシグナルニュースが閲覧できます。

激しく動く株ランキング



Code: 7162

為替テクニカルシグナルニュース



12/10/22 15:00

会員ログイン

新規会員登録(無料)

株マップ.com

[テクニカル分析](#)  
[業績予想分析](#)  
[理論株価分析](#)

株マップ.comのプレミアム会員

主要指標

日経平均株価	12/10/22 15:10	9,010.71円 (+8.03円)
TOPIX	12/10/22 15:00	753.72 (-0.67)

<http://jp.kabumap.com/>

# Case: Teikoku Databank

Teikoku Databank has been providing company and credit information for many years

- Using mainly EDINET data
- Providing company information to subscribers
  - Downloading XBRL data to retrieve financial data
  - Entering financial statement data to create summary(Mapping tool is used to convert original XBRL data into their summary financial statement – however some of the label information need to be manually converted)

# Web Site of Teikoku Databank

 **TEIKOKU DATABANK**

[HOME](#) | [ABOUT TEIKOKU](#) | [SERVICES](#) | [NEWS&REPORTS](#) | [SITEMAP](#) | [CONTACT US](#)

- Enhance confidence in business, TEIKOKU DATABANK leads your credit strategy towards success.



**TEIKOKU DATABANK**

- Corporate Credit Research
- Database Service
- Market Research
- Electronic Commerce Support
- Publishing



**Corporate Credit Research**  
Comprehensive credit research by professionals with over 100 years research history



**Database Service**  
Up-to-date data gathering as the largest business DB in Japan



**Market Research**  
Custom-made research for your various requests on any business scene

**NEWS&REPORTS**

 **Economic Trends Research** [> Latest 2months](#)

Sep. 2012 [Economic DI](#) **36.8** (down 0.9 points from last month)

 **Bankruptcy Information** [> backnumber](#)

Sep. 2012 [Number of Bankruptcies](#) **852** ↑  
Sep. 2012 [Liabilities \(million yen\)](#) **177,605** ↓

 **TDB Watching** [> backnumber](#)

Sep. 2012 [Survey on Corporate Attitudes towards Business.](#)  
Aug. 2012 [Survey on Corporate Attitudes Towards the Diversity.](#)

**Topics** [> backnumber](#)

May. 2012 [Announcing conducting "Cool Biz"](#)  
Feb. 2010 [Opening the official account on Twitter.](#)

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[日本語](#) 

<http://www.tdb.co.jp/english/index.html>

# Case: QUICK

QUICK is one of the Japan's leading financial information vendors. Established in 1971, it is a member of the Nikkei Inc. group.

- Using mainly TDnet data
- Providing updates on TAN-SHIN to subscribers
  - Downloading XBRL data for TAN-SHIN
  - Retrieving necessary XBRL data to create alerts and news (Summary data stored in database and they are also provided to subscribers)

# Web Site of QUICK

From Information to Value **QUICK** 日本語 中文

A leading financial information vendor  
and a growing solution provider

**QUICK**, a leading financial information provider that provides solutions by embracing customer needs

From Information to Value

**QUICK**

Domestic and international equities  
Interest rates, bonds  
Foreign exchange  
Investment trusts  
News  
Original contents

Securities companies  
Securities exchanges  
Foreign exchange brokers  
Financial futures exchanges  
Money market brokers  
Commodity exchanges  
Banks  
Nikkei inc.

Institutional investors  
Securities companies  
Individual investors  
Banks  
Analysts  
Foreign exchange brokers  
Corporates  
Government and public institution  
Securities exchanges

Company Information  
Products & Services

QUICK's information is ubiquitous

Abundance of data

Original contents

<http://www.quick.co.jp/en/index.html>

# Case: Tokyo Shoko Research

Tokyo Shoko Research has been providing company and credit information for many years

- Using both EDINET and TDnet data
  - Providing company information to subscribers
    - Downloading EDINET financial data and TAN-SHIN data
    - Entering financial data to store in data base
- (Mapping tool is used to convert original XBRL data into their summary financial statement – however some of the label information need to be manually converted)

# Web Site of Tokyo Shoko Research

**東京商工リサーチ**

TSRニュース速報2012年10月22日

TSR企業情報ファイル 〜DM・テレマ・新規開拓・顧客管理を低コストから実現〜

サイト内検索検索

→メルマガ登録→お問合せ

ホーム最新記事商品／サービスリスクマネジメント会社案内

ホーム > English

## Who knows the Japanese business best ?



Our products and services are not available to the customers outside Japan. If you are interested in our business information on Japanese companies while you are located outside Japan, please contact D&B offices in the country where you are located:  
[www.DNB.com](http://www.DNB.com)

### Contact Us

Please contact us for additional information.  
TOKYO SHOKO RESEARCH, LTD.  
✉ [webmaster@tsr-net.co.jp](mailto:webmaster@tsr-net.co.jp)

TOKYO SHOKO RESEARCH, LTD. (TSR) was established in the 19th century(1892) as the first credit reporting agency in Japan. Since then, for over 100 years, TSR has been supporting business scenes in Japan from the standpoint of professional corporate analysis. Over a century experience enables us to have a nationwide network and abundant corporate data. With these advantages, TSR plays a key role in the 21st century.

Reliable data of TSR is a key to success in the business in/with Japan.TSR will be a guide for your successful voyage.

**TSR strives to provide the best business information of Japanese business.**

[↓ Company Profile](#)  
[↓ D-U-N-S® Number](#)

### 最新記事

THE LATEST NEWS

- 倒産速報
- 債権者名簿
- 全国企業倒産状況
- こうして倒産した...
- データを読む
- 時局レポート

### TSRの商品／サービス

TOKYO SHOKO RESEARCH

- TSR REPORT**  
全国の調査スタッフが目で見て足で集めた企業情報をワンストップでお届けします。
- tsr-van 2**  
(インターネット企業情報サービス)  
国内最大級のオンライン企業情報データベースを多様なメニューで提供します。
- TSR情報

<http://www.tsr-net.co.jp/english/>

# Case: Toyo Keizai Inc.

Toyo Keizai Inc. has been providing company information for many years, known for their publication of “KAISHA-SHIKI-HOU”

- Using both EDINET and TDnet data
- Providing company information on periodical publication
  - Downloading EDINET financial data and TAN-SHIN data
  - Entering financial data to create summary statement (XBRL data is used to support data entry – some reconciliation with PDF data)

# Web Site of Toyo Keizai Inc.

**To 東洋経済**  
Toyo Keizai Online  
Information "to" you

ID :   
PASS :

FAQ

お問い合わせ

ID・PASSを忘れた方

文字サイズ

小 中 大

会員登録

サービスのご紹介

RSS一覧

サイトマップ

メールマガジン

会社四季報オンライン

お知らせ

会社四季報オンライン

お申し込み サービス概要

トライアル会員の登録方法

四季報訂正情報

週刊東洋経済訂正情報

総合トップ

企業検索&株価情報

ビジネス

マネー

ライフ

MEMBERS ONLY

銘柄スクリーニング

ポートフォリオ

株価チャート

東洋経済

PRODUCTS



**HEADLINE NEWS**  
マネー  
12/10/27 | 06:00

**【来週の投資戦略】日銀の金融緩和は織り込み済み。緩和の継続姿勢示せばジリ高展開も**  
10月第4週(22~26日)の日経平均株価は、米国株の大幅下落にツレ安することなく踏ん張った。下支え要因は10月30日(火曜日)に発表が見込まれている日銀の金融緩和期待。国債など資産を買い入れる基金の10兆円程度の増額が予想されている。ただ、もし日銀が実際に踏み切っても、すでに金融緩和は相当程度株価に織り込まれているため、これだけで株価を一気に押し上げるのは難し... 全文へ

**新着情報**  
NEWS

鋭敏な市場ニーズの把握で市場を開拓し続けるグリコ乳業「ロリッチ」の挑戦  
《それゆけ！カナモリさん》 -12/10/27 | 00:00

新日鉄住金vs. ポスコ 電磁鋼板の製造技術めぐり公判始まる -12/10/26 | 17:39

ついに登場したウインドウズ8の強みは？ -12/10/26 | 17:27

日本合成化学の13年3月期は営業益53%増へ上振れ -12/10/26 | 17:18

【株式・大引け】日経平均は後場に入り下げ幅拡大し9000円割れ。アジア株安と円高が重荷 -12/10/26 | 15:51

●美味しいパン屋さんと強い営業部の共通点は？

●ビッグデータが生み出すビジネスチャンスとは

●供給加速の新築マンション。この秋、ディベロッパは一気に攻勢をかける。



**東洋経済 最新 TOPICS**

●160社が抱えるグローバル人材育成の課題とは？

●いつでもどこでも自由参加！業界研究フェア開催

●聴く週刊東洋経済・オーディオマガジン「東洋経済」

●注目されるホスピタリティセクターという投資対象

<http://www.toyokeizai.net/>

# Frustrations of Data Users

- Only a part of disclosure information is provided in XBRL
- Some cases of XBRL data different from PDF data
- Error of XBRL data has not been corrected immediately  
(Compared with conventional disclosure data, number of XBRL data users remain relatively low and there are less pressure to correct error)
- Data users need to invest in data processing infrastructure  
(Changes in specification, quite often)
- Use of labels on financial statement items may be too flexible  
(Major obstacle for systematic data conversion)
- Bulk data download only available for TDnet (not for EDINET)

# Expectations of Data Users

- Next Generation EDINET
  - Expansion of XBRL data coverage
    - Improve accuracy and efficiency of data processing
    - Possibility for new analysis
- Use of XBRL for IFRS
  - Standardization of taxonomy
    - Possibility for international comparison
- Recognition for XBRL data usage in corporate disclosure
  - Expansion of corporate data processing in XBRL
    - Improve Quality of data

# Lessons from Japanese Experiences

- Benefits of using XBRL data
  - Clearly recognized among professional corporate data users
  - Benefits include speed, accuracy, and efficiency in processing
  - But not widely recognized by general public
- A room for improving XBRL data quality
  - Need for expansion in XBRL data coverage
  - Errors are to be fixed at once
- Importance of sharing information
  - Feedback from data users are essential
  - Increase in user base needed before competing in individual business case

# Thank You!

**Makoto Shibata**

Chair, Financial Services Working Group, XBRL Japan

**XBRL XXV**

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*TO THE NEXT LEVEL OF BUSINESS REPORTING. AND BEYOND.*

