

# “Using the Idea of Statistical Architecture at Statistics New Zealand –Economic session”

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# Economic Architecture

- Current Situation
- The future
- Concluding Remarks

# Comprehensive Business Register

- Tax-based
- All units
- All standard classifications
- Demographic data
- Ownership Structures

## Economy Wide Survey

- Consistent Data
- SNA Variables
- Reliable national aggregates
- Coherent statistics

# Economy Wide Survey

**Annual Economic Statistics**

**Sample Surveys**

**Admin Data**

**Business Frame**

# The Future



## Problems with Survey Strategy

- Productivity studies
- Regional GDP
- Drivers of business performance
- Non-profit sector
- Maori Business

## New Directions

- Microdata analysis
- Integration of datasets
- Longitudinal analysis
- Regional information
- Business household links
- Market / non-market movements

# Database Strategy

**Economic Statistics**

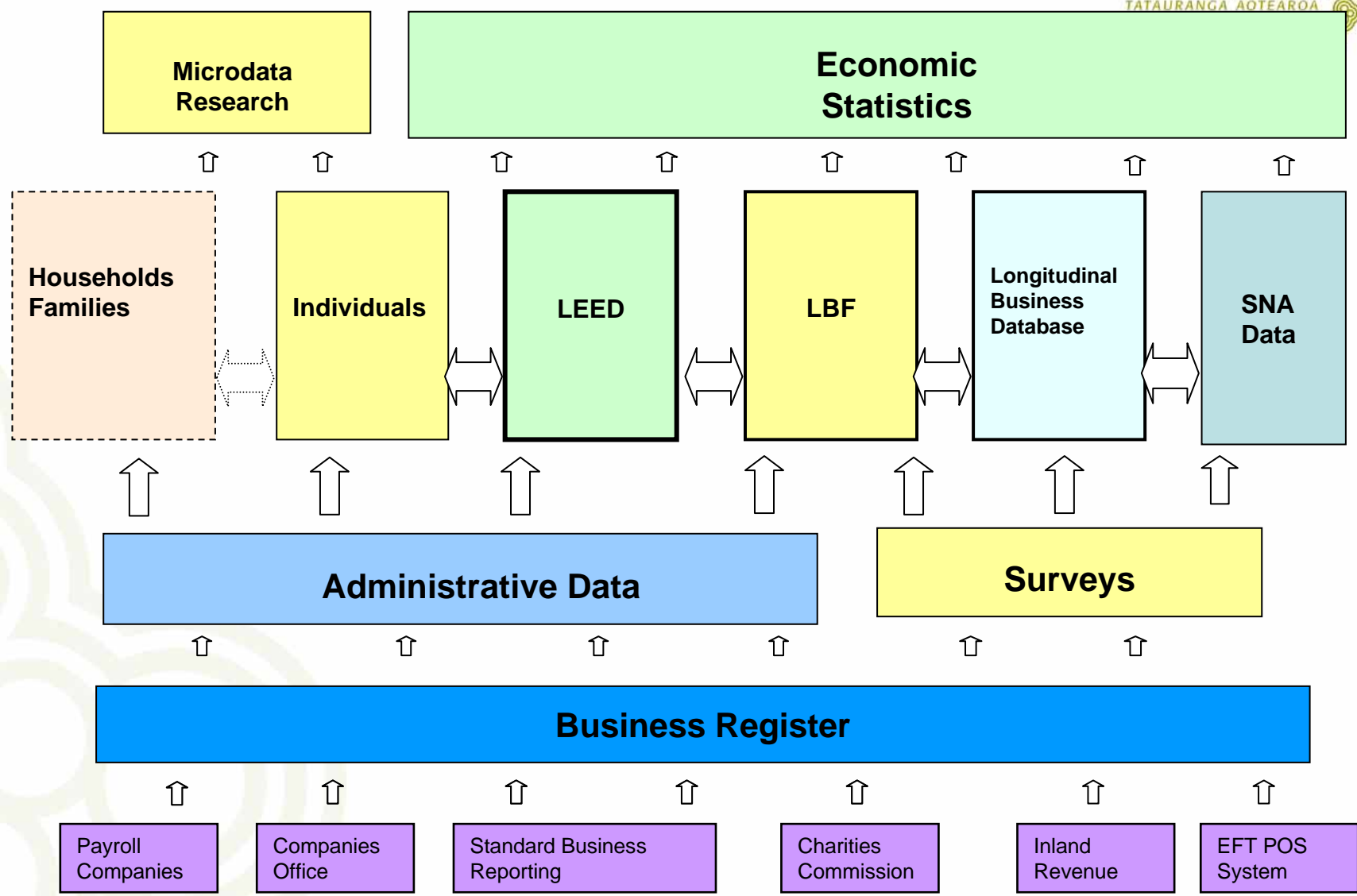
**Sample Surveys**

**Administrative Data**

**Business Frame**

## Principles

- Maintain quality
- Use administrative data where possible
- Surveys used to fill the gaps
- Integrated using population frames
- Support microdata analysis
- Use best quality admin data first

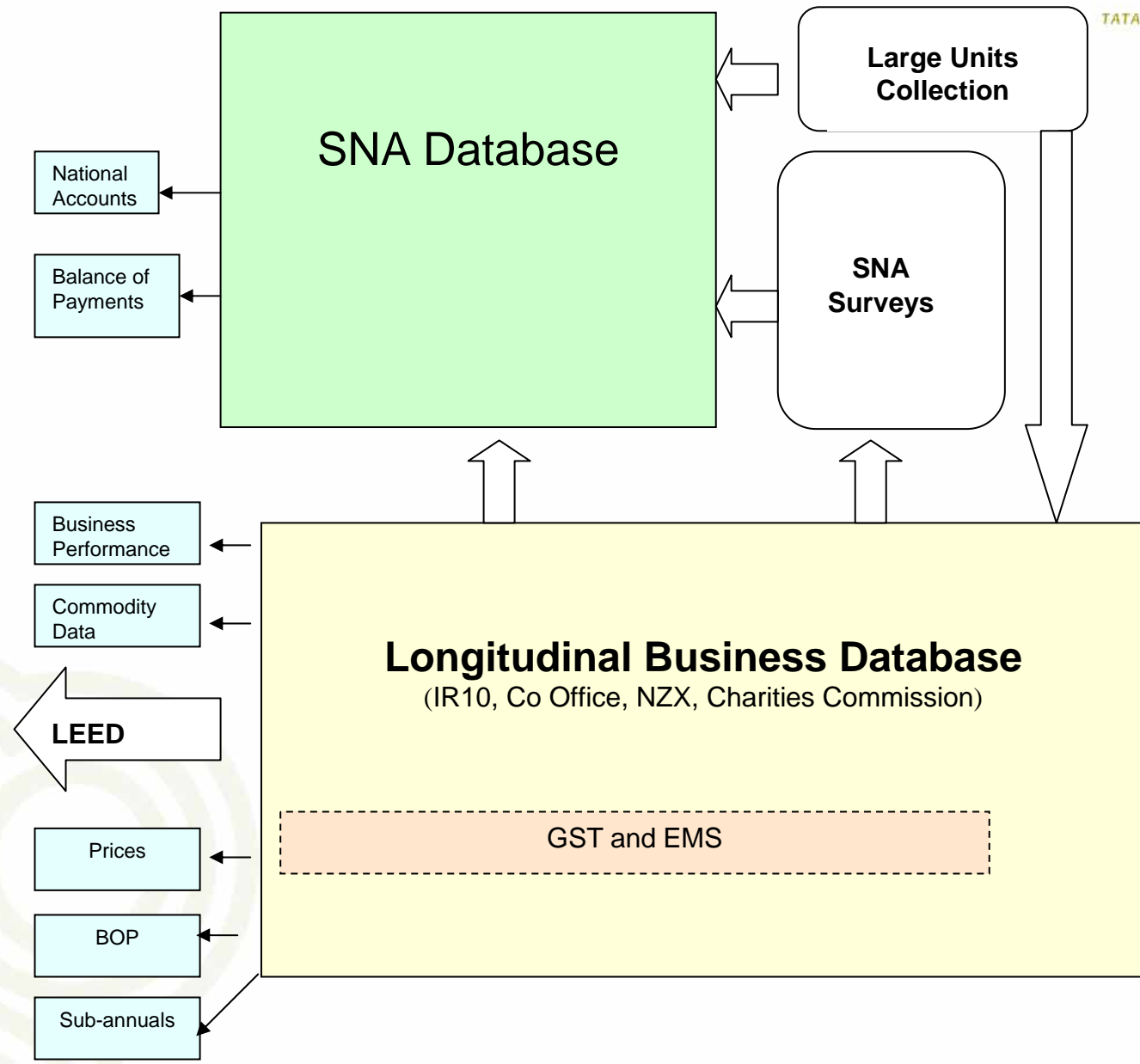


## Longitudinal Business Database



## Core Variables

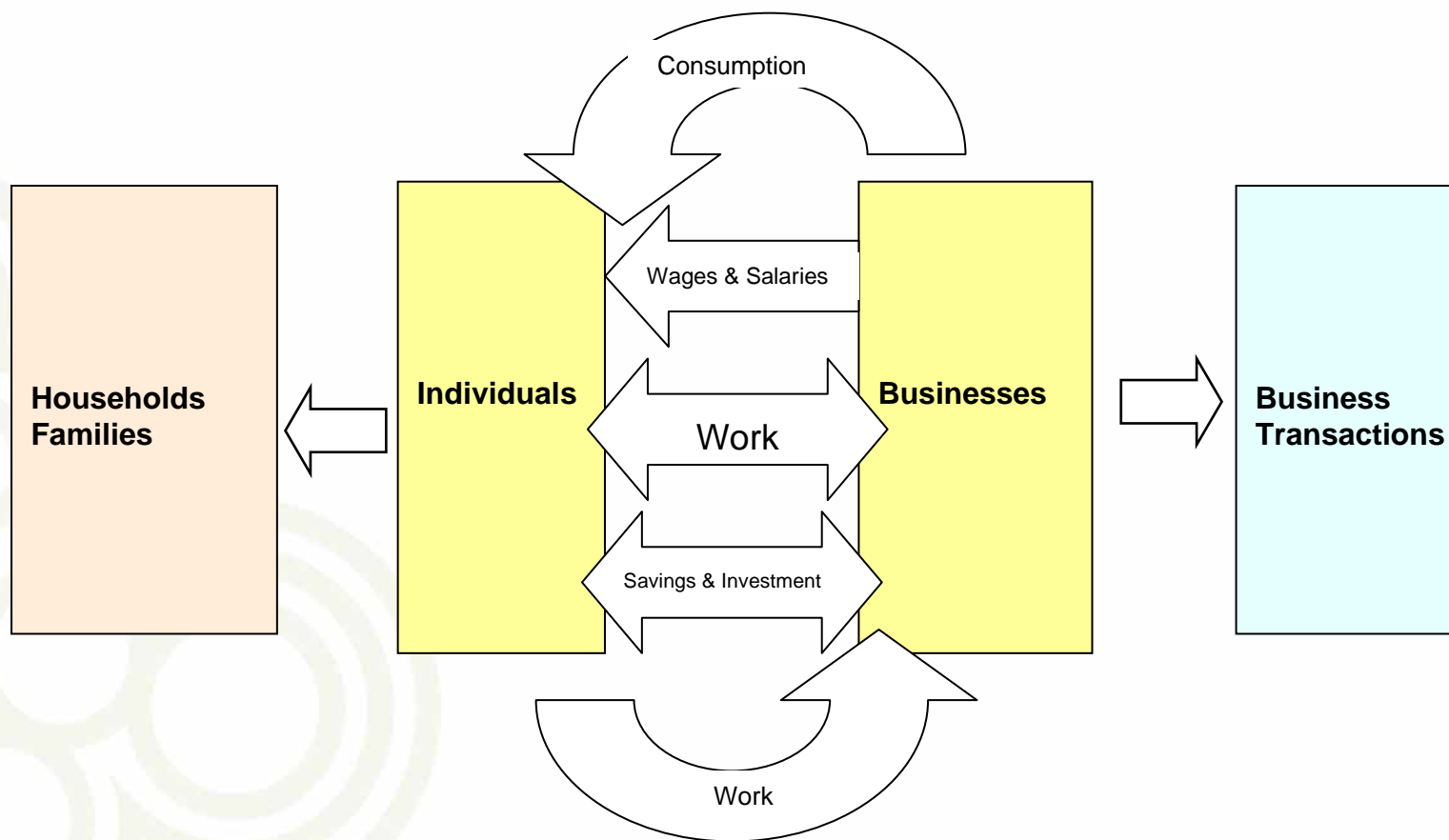
- Sales
- Total Income
- Exports
- Wages and Salaries
- Depreciation
- Purchases
- Expenses
- Net profit
- Dividends
- Fixed Assets
- Intangible Assets
- Total Assets
- Total Liabilities
- Owners Equity



# Quarterly Financial Statistics Database

Top 200					
Supplementary Survey					CFIS
GST	SBR		E F T P O S	EMS	

# People and Business



## Road Map Issues

- Link to Business Frame
- Assessing Quality of Admin Data
- Imputation of Missing Records
- Establishing Standard Units and Periodicity
- Data Modeling

## Concluding Remarks

- SNA framework enables the very specific identification of requirements
- Some key feasibility work to be completed.
- Standard Business Reporting (SBR) provides “opportunities and challenges”
- Current economic conditions might accelerate interest in a more comprehensive picture of national (?) economic vulnerabilities.