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The Integrated Business Statistics Program at Statistics Canada

Presentation to the UNCEEA

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Outline

Harmonizing economic statistics that feed the System of National Accounts, Statistics Canada's experience:

- Corporate business architecture project
- Early integration efforts
 - Project to Improve Provincial Economic Statistics (PIPES)
 - Unified Enterprise Survey Program (UESP)
- Integrated Business Statistics Program (IBSP)
- Facilitating further integration
 - Organizational alignment
 - Integrating environment surveys into IBSP



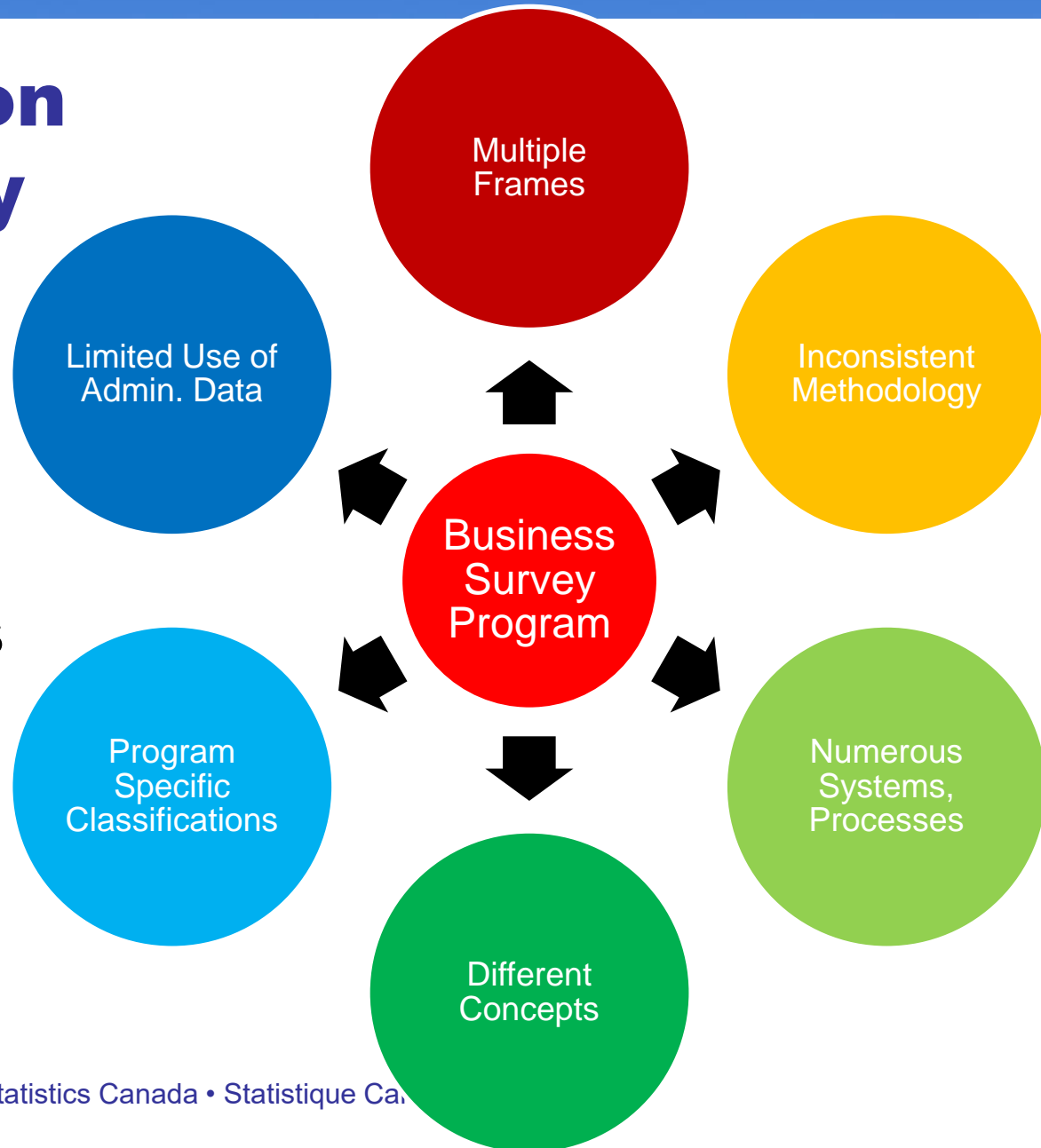
Corporate Business Architecture Project (CBA)

- CBA Project
 - In 2008/09, Statistics Canada embarks on a large transformational project to renew its business and IT infrastructure
- Objective
 - Generate efficiencies to be used for investment in priority projects
- Outcomes
 - Consolidation of IT function
 - Organizational alignment with Generic Statistical Business Model (IT, Collection, Methodology, Analysis, Dissemination)
 - Several transformational projects to generate efficiencies



Early Integration Efforts...History

Prior to mid 1990's, the business statistics program is characterized by:





Early Integration Efforts

PIPES

Fiscal Arrangements

- Mid 1990's: SNA data to be used in Fiscal Arrangements between Federal and Provincial Governments
 - Allocate Harmonized Sales Tax revenue
 - Determine revenue generating equalization payments

Quality Improvements

- Requirement for:
 - Comparable quality of statistics by province
 - Expanded coverage of the economy...services

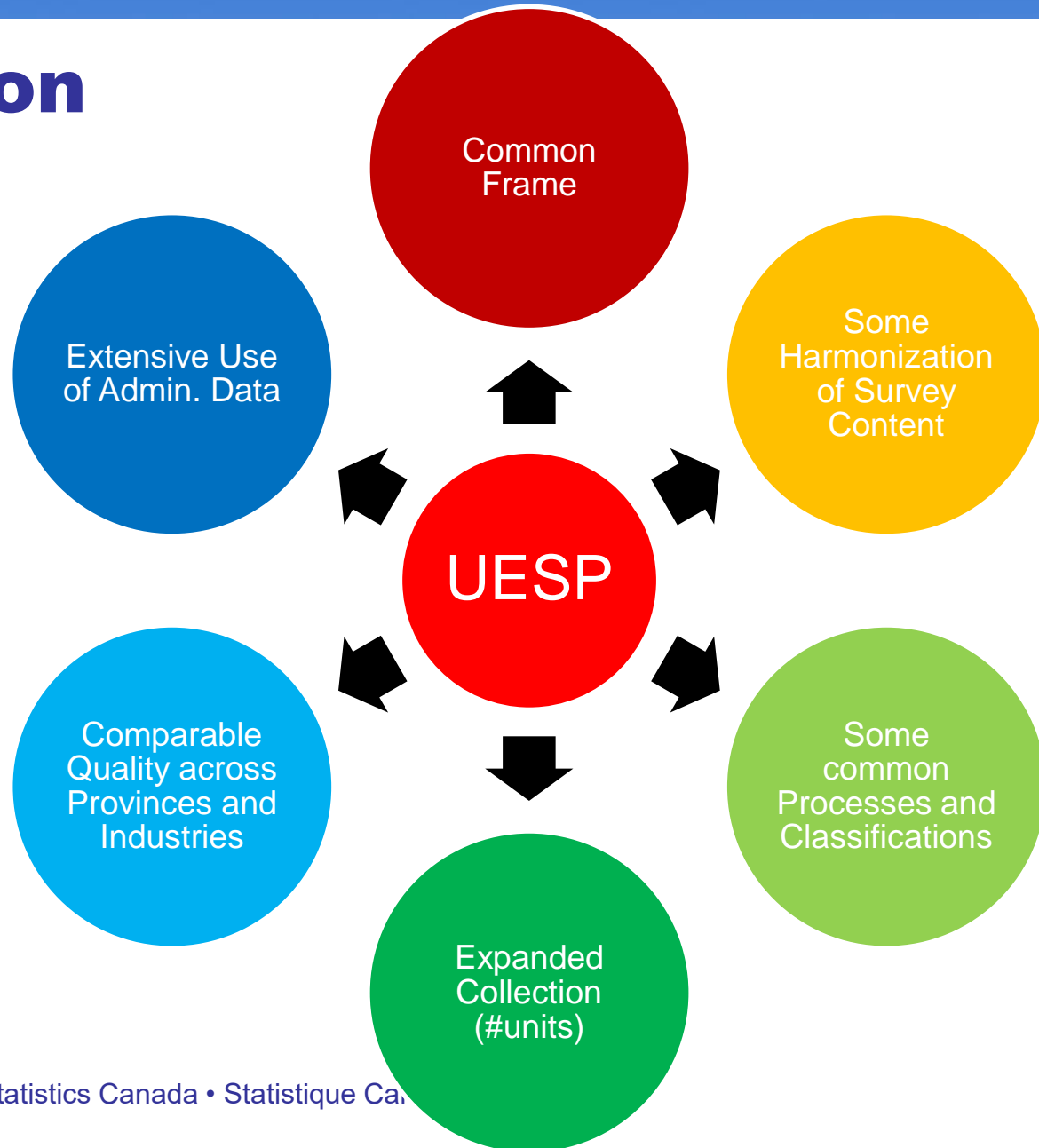
Establish PIPES

- Project to Improve Provincial Economic Statistics
 - Unified Enterprise Survey Program
 - Expand GDP program to cover provinces (Provincial IO tables)



Early Integration Efforts UESP

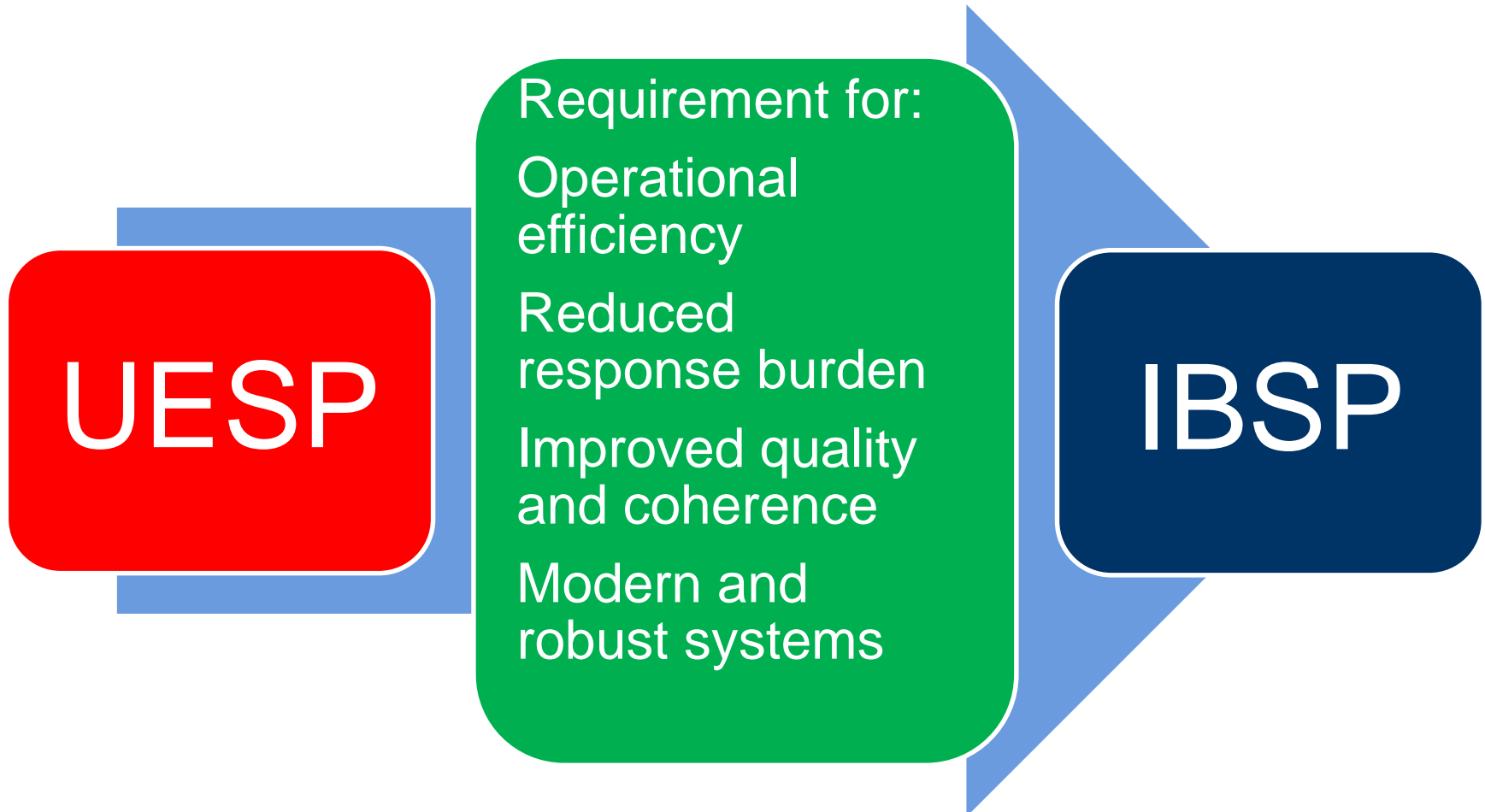
Characteristics of the UESP:





IBSP

Current Drivers





IBSP

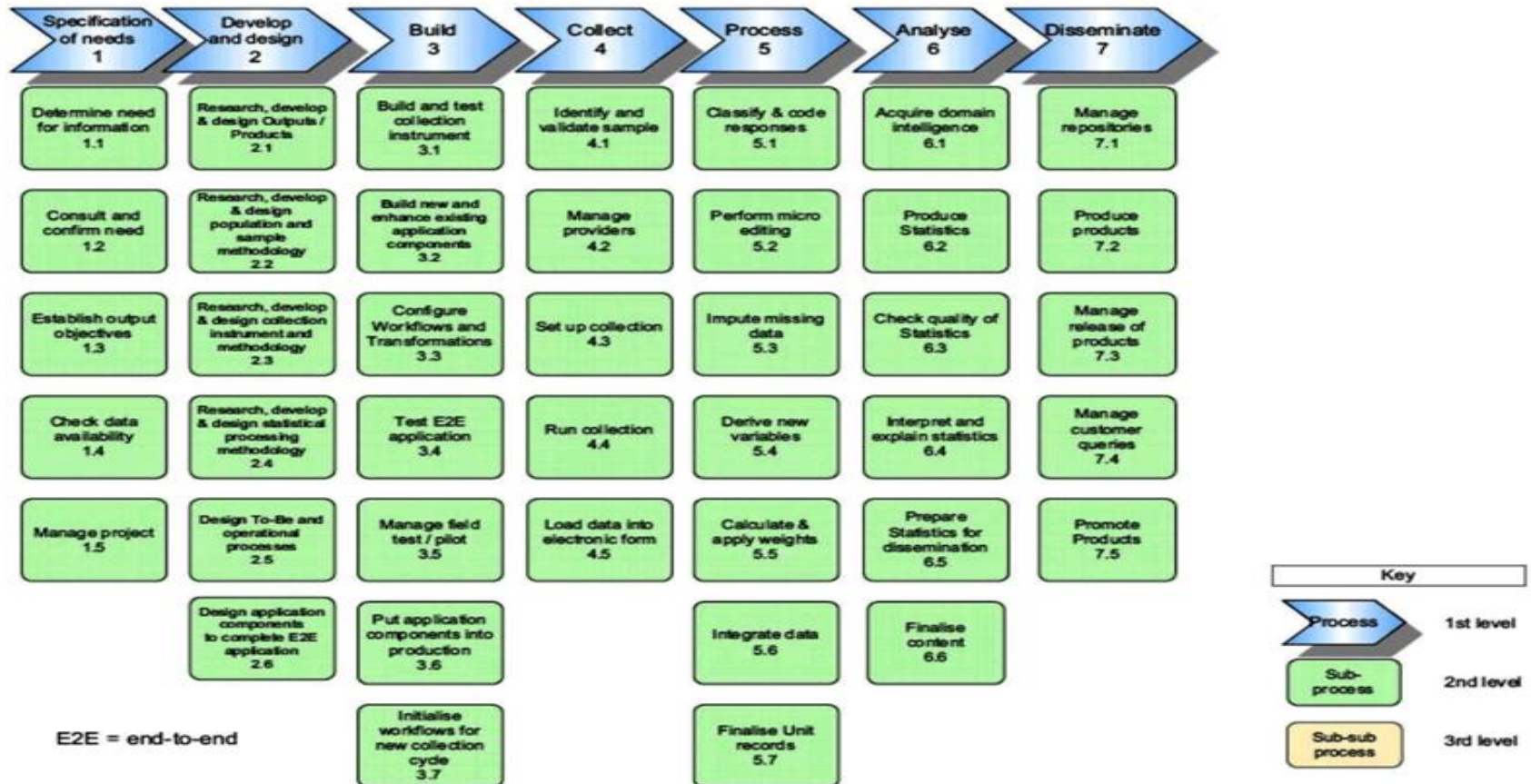
Scope of Project

- Multi-year project, to develop new processing infrastructure and integrate existing surveys into the this infrastructure
- Suite of approximately 150 existing business surveys covering manufacturing, services, retail, agriculture, capital expenditure, energy and R&D ; ad-hoc surveys as well
- Will eventually encompass most business surveys conducted at Statistics Canada



IBSP

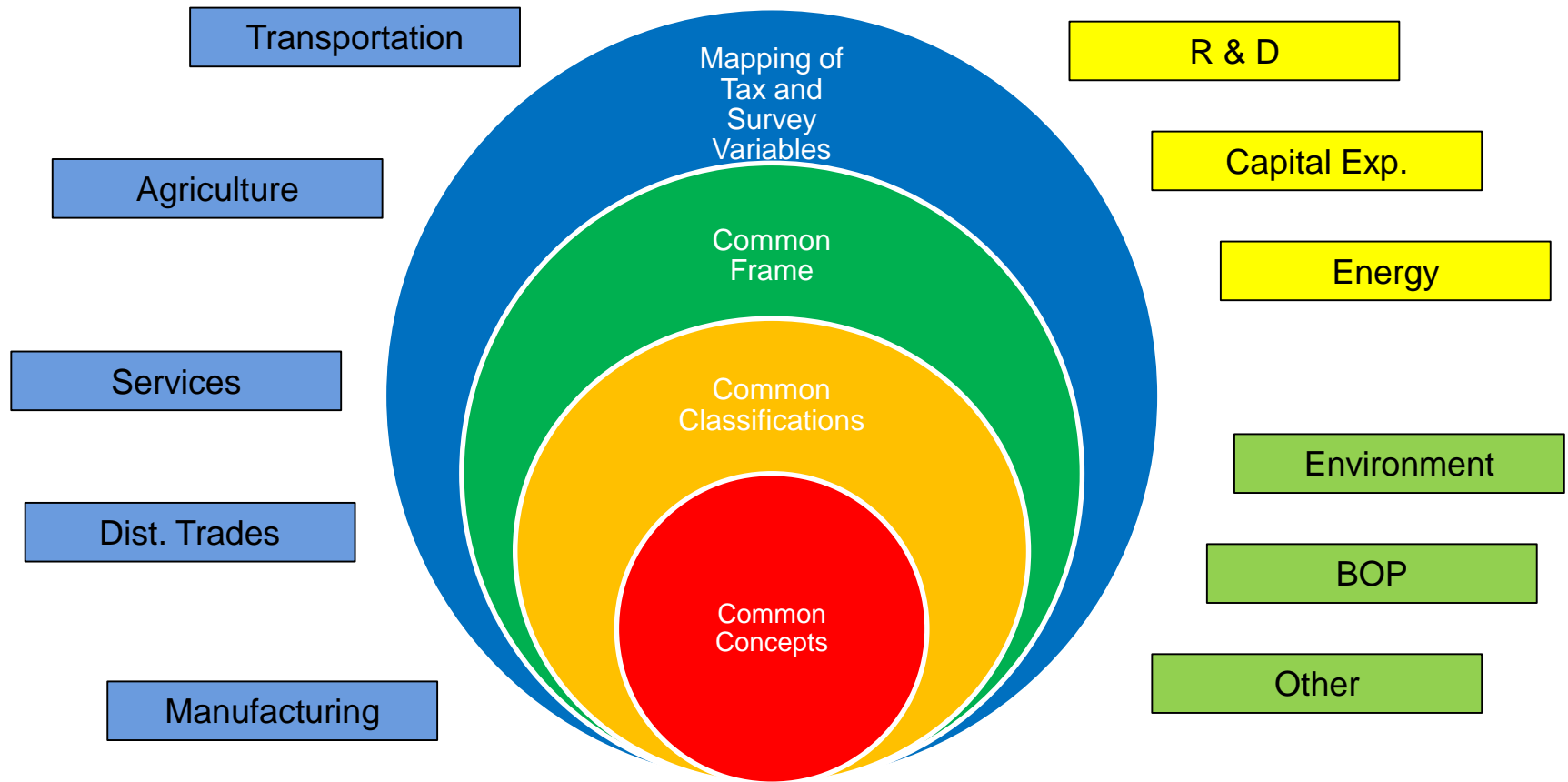
Generic Statistical Business Model





IBSP

Horizontal integration

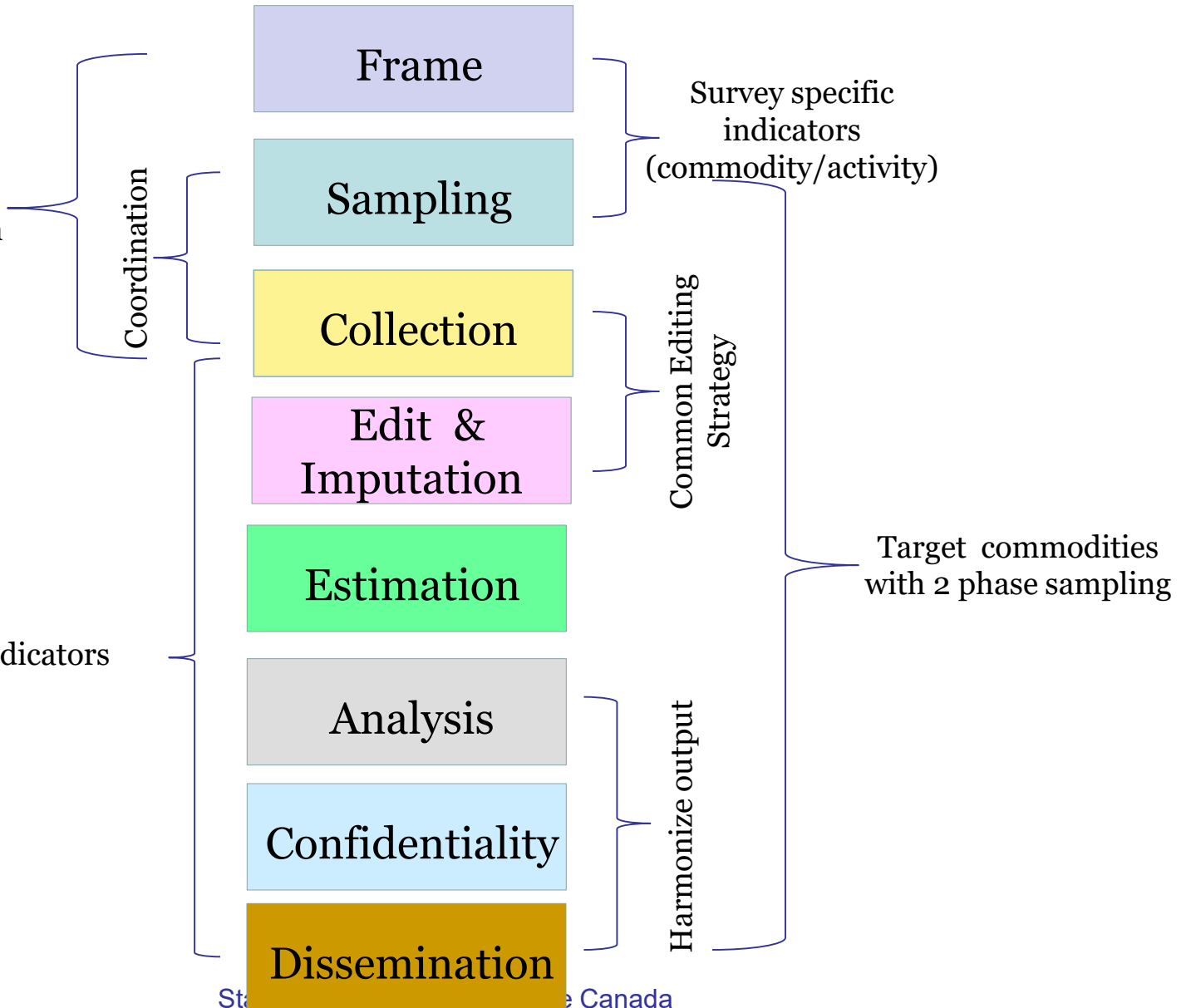




IBSP Vertical integration

Update directly on
frame

Quality indicators





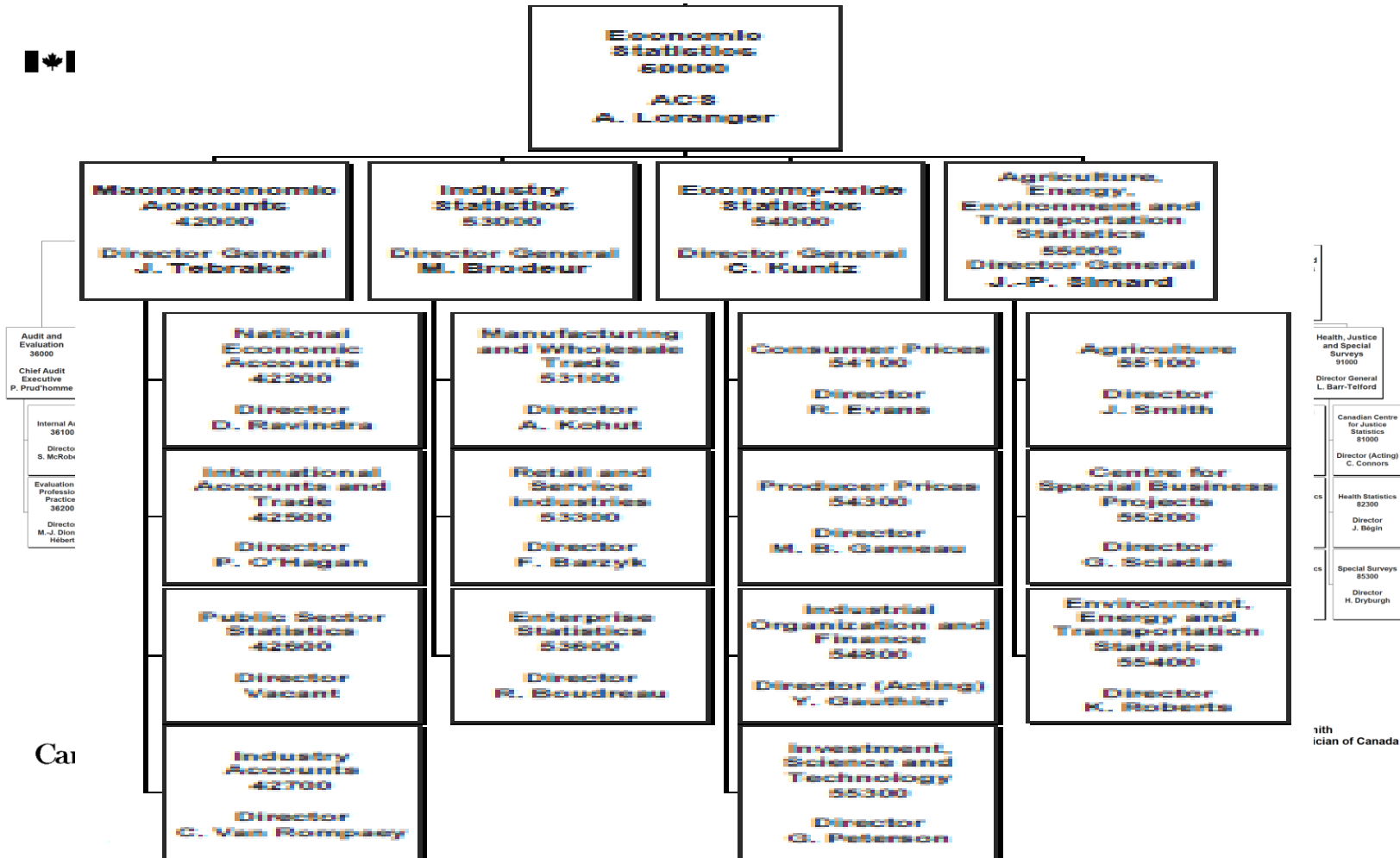
IBSP Outcomes

- **Coherence**
 - Output from different programs integrated into the System of National Accounts
 - Output from different programs comparable by users
 - Eliminates potential overlap in coverage and helps identify coverage gaps
- **Cost Effectiveness**
 - Reduction in the number of systems and processes
- **Reduced Response Burden**
 - Focus on administrative data, coordinated sampling, electronic collection



Facilitating further integration

Organizational alignment





Facilitating Further Integration

Surveys that feed Canada's SEEA Accounts

■ **Physical Flow Accounts:**

- Water use surveys for most major industrial sectors, agriculture, residences served by municipalities.
- Energy surveys, Report on Energy and Supply and Demand
- Transportation surveys
- Solid waste survey (no account yet, but plan to develop pilot accounts within the next two years)



Facilitating Further Integration

Integrating environmental surveys into IBSP

- All environment surveys use Statistics Canada's Business Register and adhere to NAICS/NAPCS.
- Administrative data is used to generate statistics for household energy use – linked to the Household and Environment survey.
- Currently developing a transition plan to move to electronic questionnaires and a suitable approach to integration in IBSP



Conclusion

- CBA not just a project but new philosophy...a new way of doing business
- IBSP is the single largest project for the economic statistics program with many links to other projects...good progress mid way through the transition, many positive outcomes including savings
- Key ingredients to success:
 - Commitment, planning, oversight



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