

IFRS 17 Guideline – Integrated approach

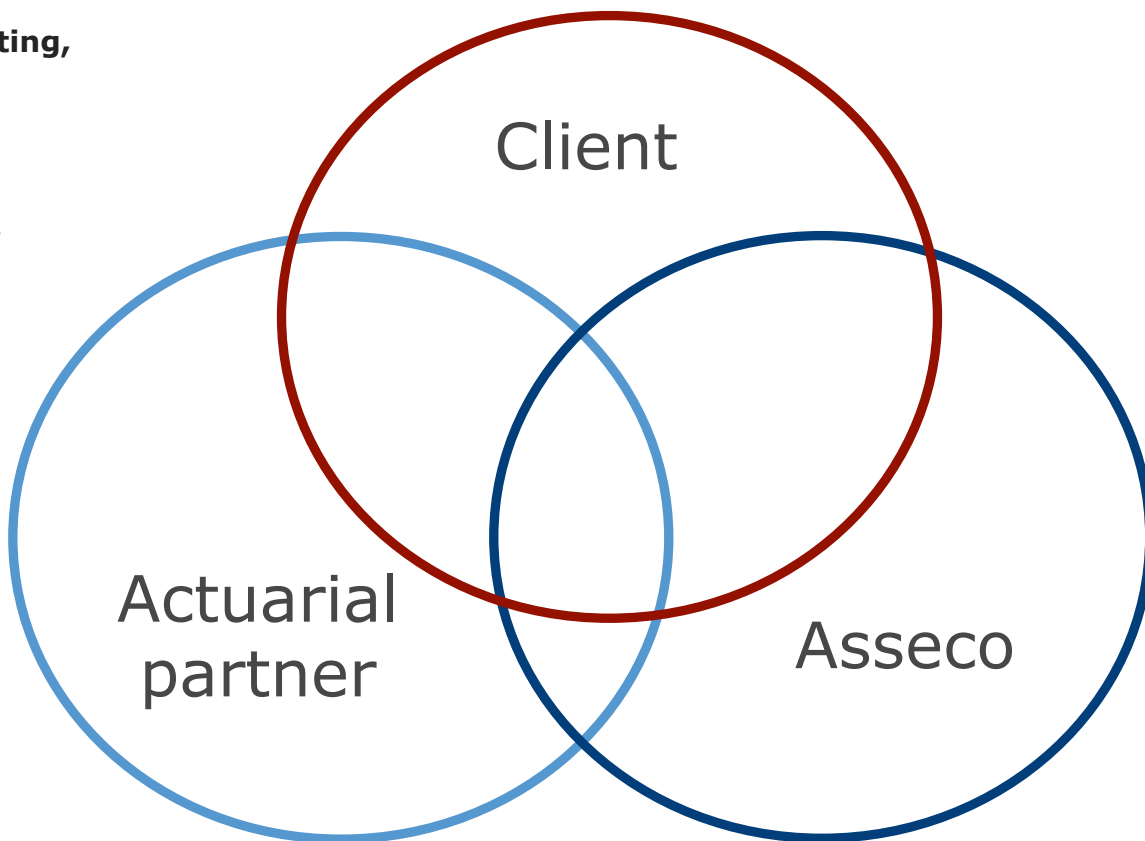
Proposal on how insurance companies can take advantage of their existing IT portfolio, for a lean, cost-effective and controllable IFRS 17 implementation



A customised implementation approach to meet the requirements of the principle based reporting regime

Key focus areas – processes and systems

- Impact analysis – Business/operating, Finance, Systems, Data
- Data Sources / Integration / Gaps
- Actuarial modelling
- Current System Architecture
- Data mapping
- Close/consolidate
- Reporting process



We suggest utilising / re-using

- Actuarial modelling tools (Used by client or Asseco recommendations)
- General Ledger and Group Consolidation
- Policy Administration
- Claims management
- Reinsurance systems
- Disclosure and performance management
- Statutory and Regulatory reporting
- DWH
- Asseco Aggregation Engine (SII Engine framework)

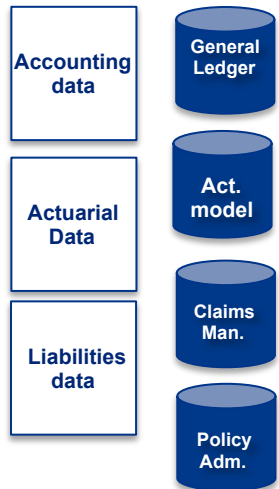
The Assecoco Aggregation Engine – integration, calculation, reporting in a controlled environment

Solvency II Pillar I	Solvency II Pillar II	Solvency II Pillar III
SII Data Mart	Bordereaux solution	Bordereaux Mart
QS, Surplus, XoL -> GL mapping	IFRS 17 Integrated solution	IFRS 17 Mart

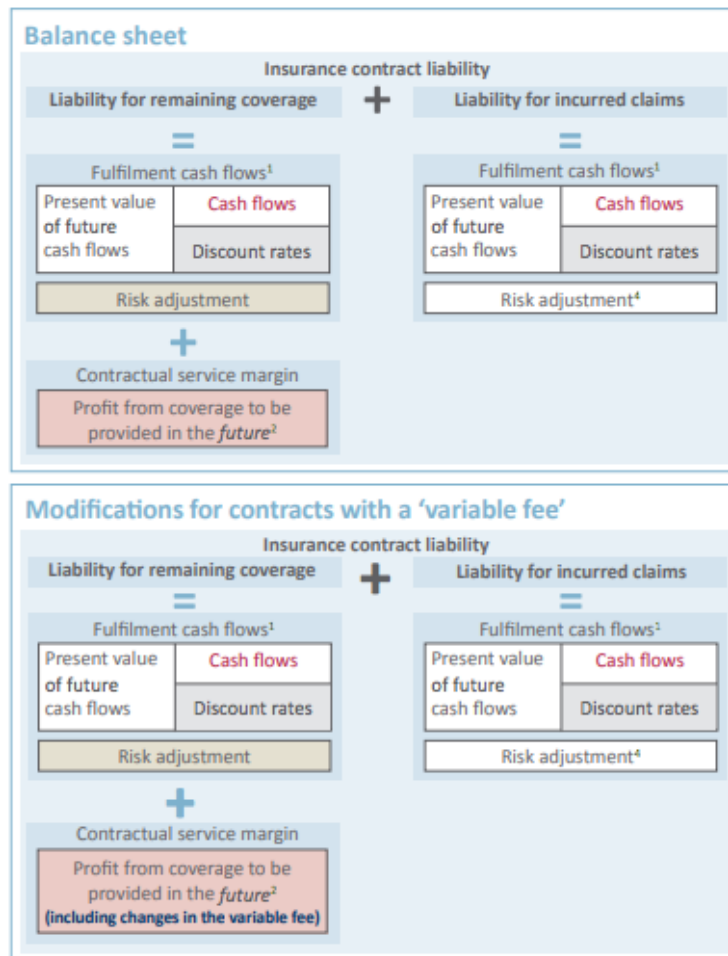
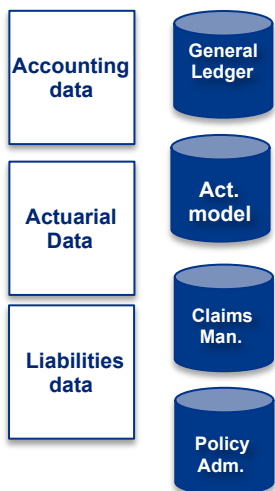
AGGREGATION ENGINE

- Standard solution for advanced but flexible handling of calculations, reporting, data mapping
- Easy implementation of Rules and Parameters Aggregation, allocations, splits, adjustments
- Establish conform layers for integration, analysis, reporting
- Co-existence with existing DWH, MIS, Reporting and other system infrastructure
- Advanced controls audit trails and traceability
- Full transparency and drill down capabilities
- Spreadsheet flexibility for Finance, Risk Management & Actuarial Departments
 - Flexible – formulas, parameters, data
 - Workflows based on Roles
 - Change Setup dynamically

Key systems and data areas



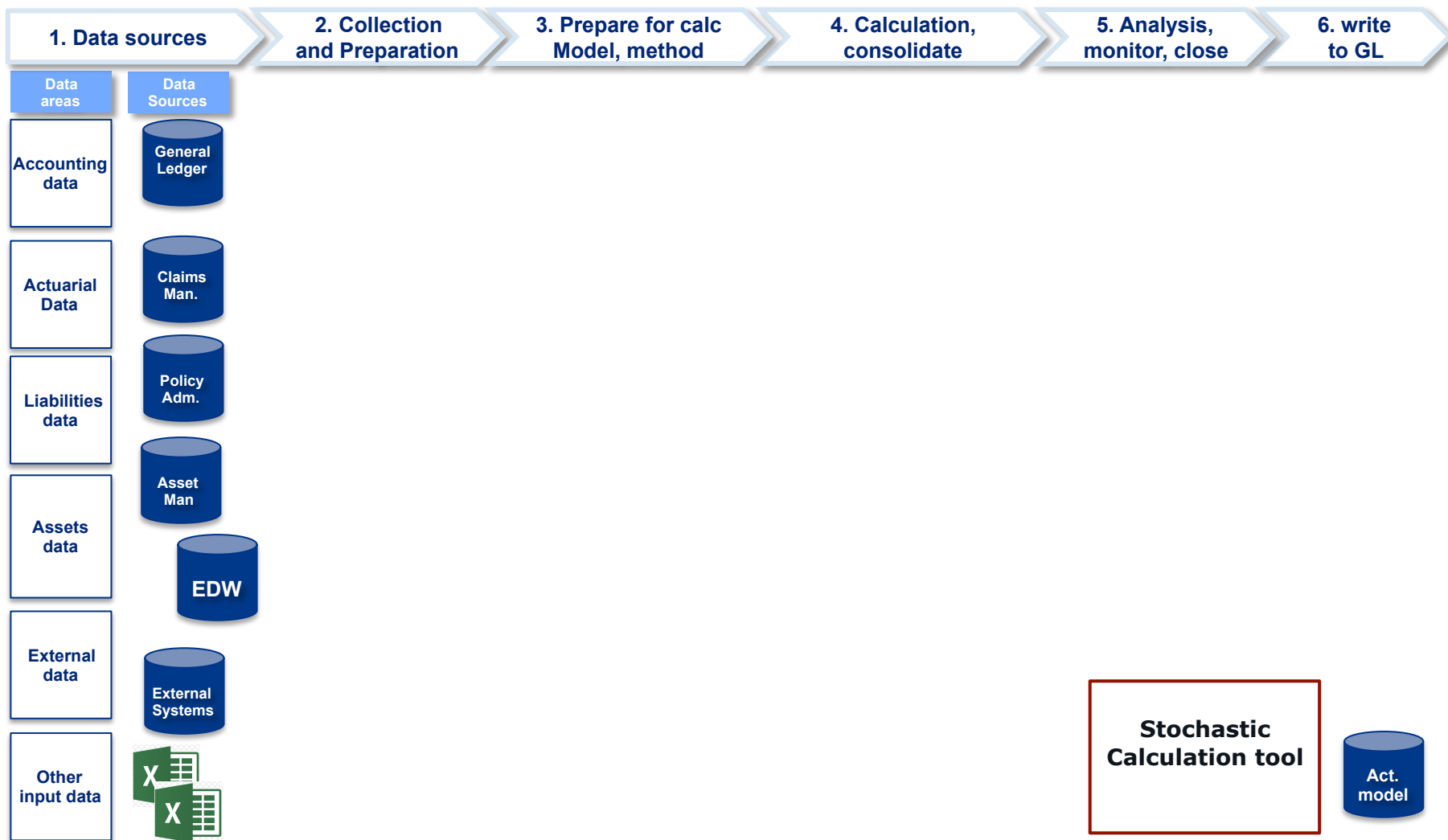
Using a Stochastic Calculation Tool for BBA and VFA



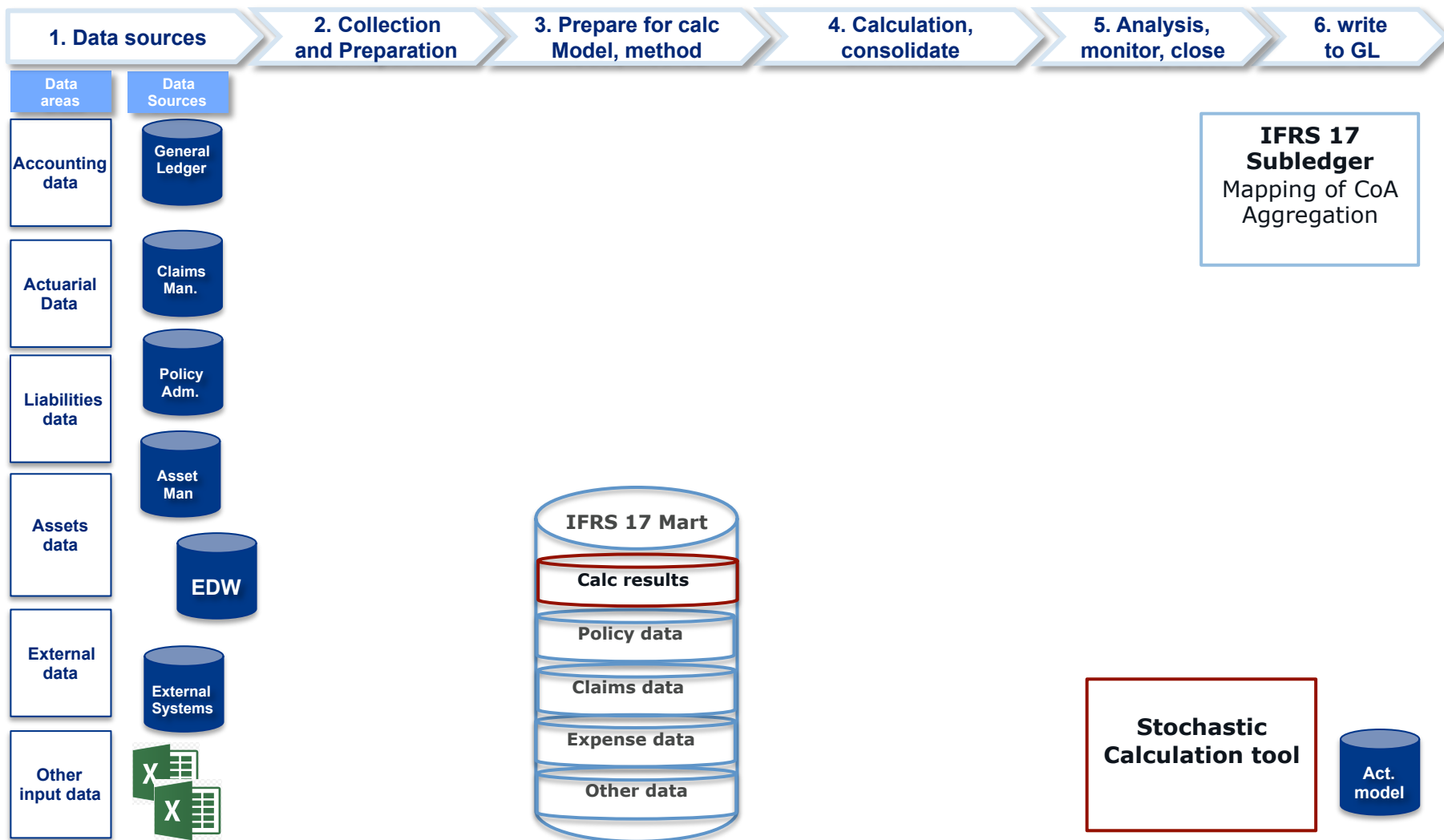
Asseco can recommend a stochastic calculation tool or take advantage of a current solution used by client for building BBA (Building Block Approach) and VFA (Variable Fee Approach)

Stochastic
Calculation tool

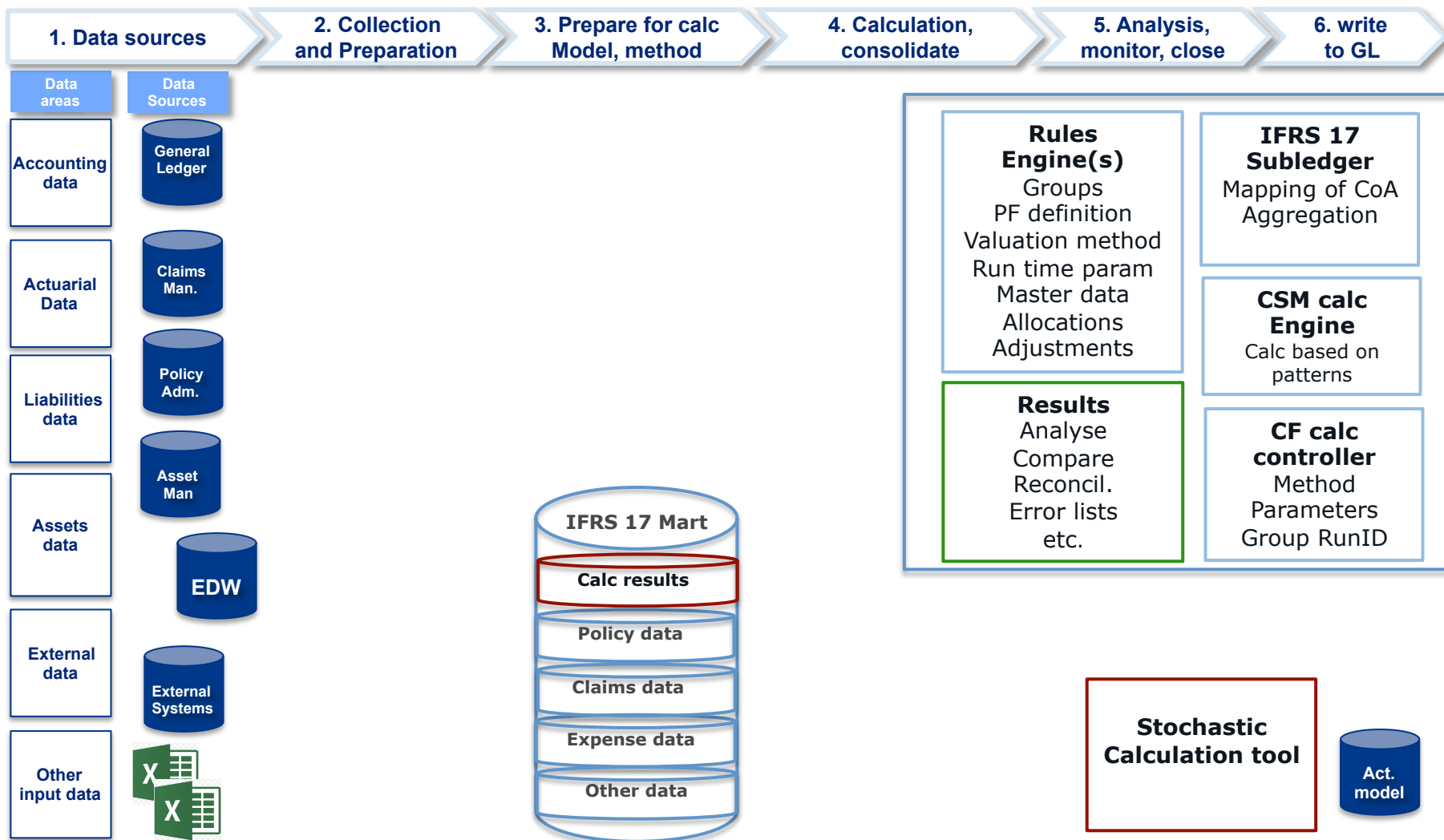
Other systems will also be affected, but to a lesser degree



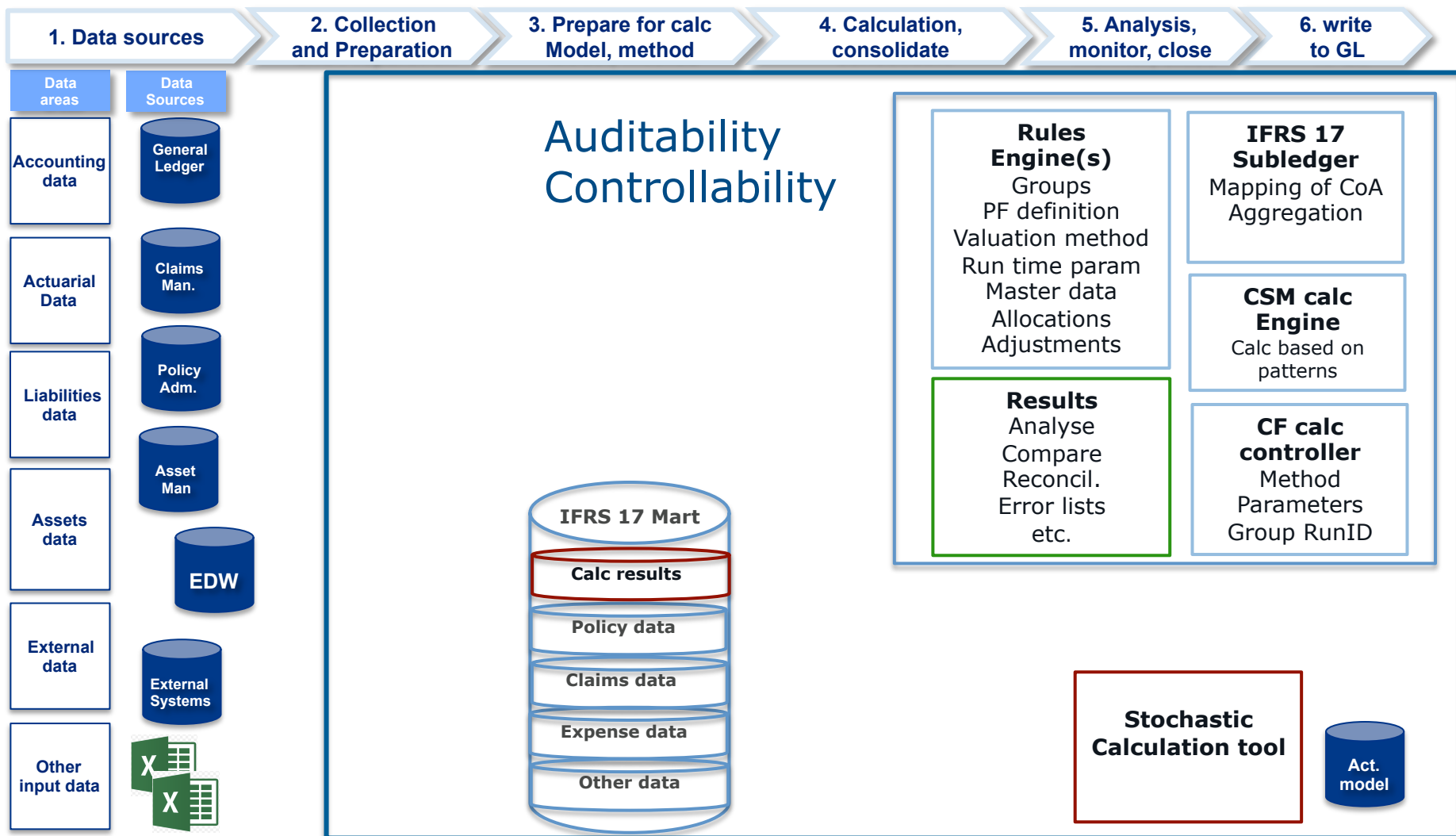
IFRS 17 Data mart and IFRS 17 Subledger



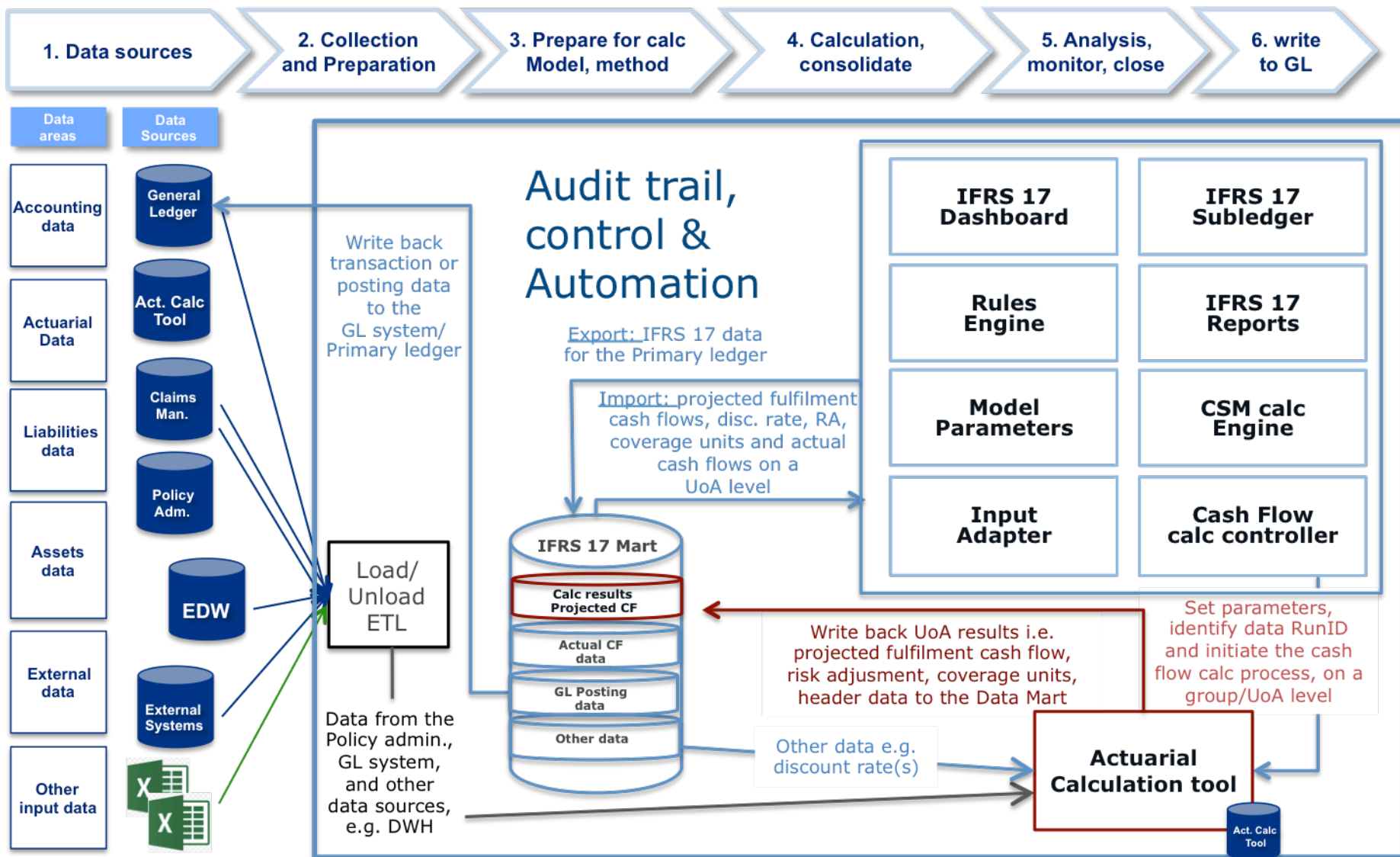
IFRS 17 in client tailored set up



Auditability and controllability is essential



IFRS 17 – The Integrated Process



We envision an integrated approach for IFRS 17

- Acquire the in depth understanding of IFRS 17
- Impact assesment(s) - financial, operational, etc.
- Actuarial modelling and prototyping to see the consequence for the key figures
- Grouping and portfolio definition
- Identify the data sources
- Define and set the requirements in regards to the chart of accounts
- Check completeness of input data set and identify gaps
- Set the strategy for handling data sets regarding different reporting periods
- Define and set the requirements in regards to the chart of accounts
- Develop and maintain the data mapping in the subledger
- Review and update the close and consolidation process
- Reuse existing Data Governance
- Utilize existing data quality assurance routines
- Use existing SOP's & system support correcting data
- And more



Utilise the Assecoco Aggregation Engine platform (SII Engine Framework) (1/2)

- Comprehensive Control/Audit capabilities in regards to client system architecture, e.g. Actuarial/Stochastic modelling tool, EDW, GL system and subledger interfacing
- Integration Hub in regards to source systems
 - ETL
 - Data staging
 - Reconciliation
 - Conformance
 - Plugin architecture
- Standard data marts, customised data mapping to meet clients output requirements e.g.
 - Data for the calculation of the fulfilment cash flows
 - IFRS 17 Subledger -> GL chart of account -> Balance sheet reporting
 - Analysis for the financial highlights in your reporting
 - Scenarios and simulation

Utilise the Asseco Aggregation Engine platform (SII Engine Framework) (2/2)

- Rules and Model Parameter engine(s) for Run-time execution
 - Methods and models
 - Data – grouped, time cohorts, etc.
 - Adjustments
- Calculation engine
 - CSM
 - Allocations
 - Amortisations
- Dashboard
 - Analyse
 - Compare
 - Reconcil.
 - Error lists
 - etc.

To receive information on implementation plan
and solution demonstrations:

Contact us:

info@insurecontrol-solutions.com

Explore also our end-to-end reporting
solution for Solvency II:

Learn more:

www.insurecontrol-solutions.com

