

# ARCHITECTURE PORTFOLIO

Click a project card in the PDF or PPTX to open the corresponding architecture page.

PLATFORM ICONS / SAFE STACK



Color = verified platform/product · monochrome = policy-safe architecture step

## CLOUD

Databricks / Azure delivery

### FOIL'O ECOLOGIE

Databricks Developer

 Databricks

 PySpark

 dbt / SQL

Renewable simulation platform  
[Open project →](#)

### EUKLEIA SOFTWARE

Cloud Consultant

 Synapse

 ADF

 Databricks

Dynamics/Synapse/ADF delivery into lakehouse  
[Open project →](#)

## BI / SQL

Power BI / DAX / Fabric

### EUKLEIA SOFTWARE

BI Consultant

 Power BI

 Fabric

 DAX

D365 reporting, DAX model and Fabric readiness  
[Open project →](#)

### DANONE

BI Developer

 Power BI

 Excel/VBA

 Power Automate

Swiss KPI automation from SAP/Excel to Power BI  
[Open project →](#)

## ANALYSIS

Oracle / Excel / SAP automation

### TOTALENERGIES

Product Owner Assistant

 Power BI

 Oracle DB

 Excel

Project database and estimation reporting  
[Open project →](#)

### SAVENCIA GROUP

Excel Analyst

 SAP MRP

 Excel/VBA

 Controls

Multi-brand replenishment workflow with VBA controls  
[Open project →](#)

FOIL'O ECOLOGIE

CLOUD · Databricks · PySpark · dbt

Databricks

PySpark

TASK

Simulate technical and financial scenarios from user inputs.

ARCHITECTURE

Streamlit/API -> Databricks Jobs -> PySpark -> Delta/dbt.

OUTCOME

Traceable decision data: AEP, P50/P90, LCOE, CAPEX/OPEX, NPV.

May 2025-present (16 mo) · Remote

ARCHITECTURE

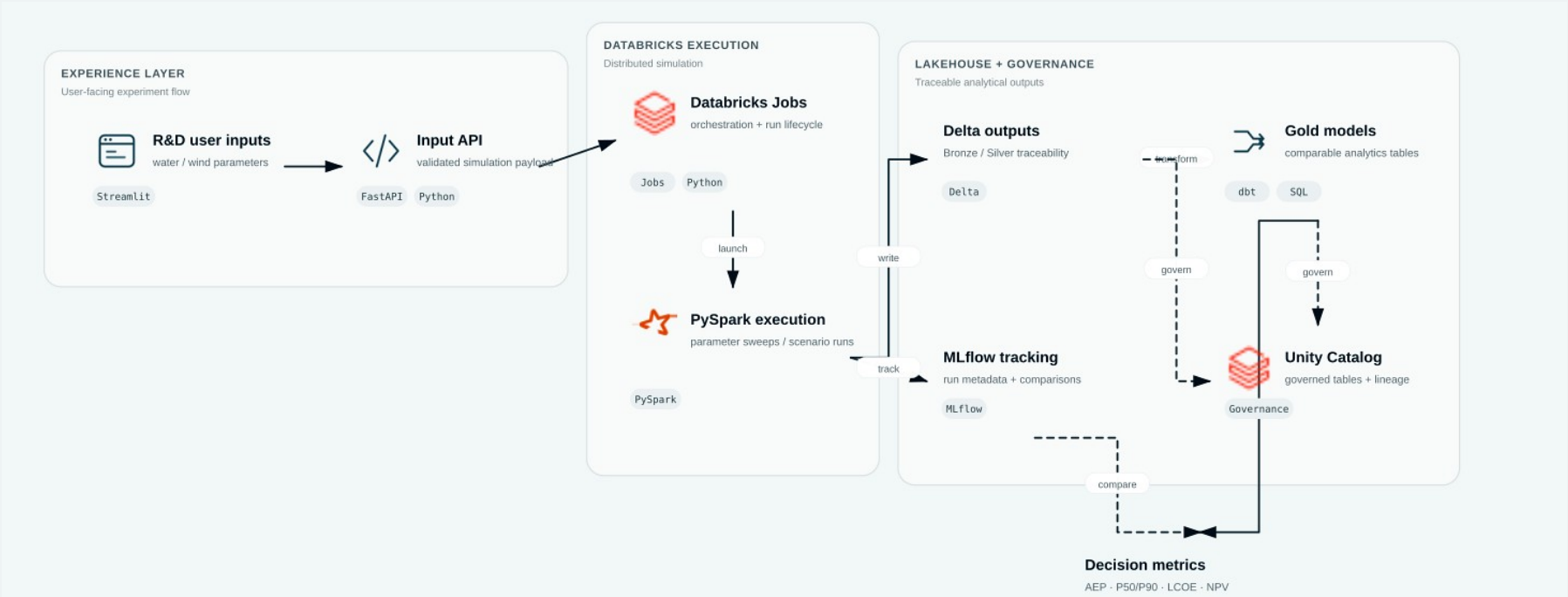
Renewable simulation platform

STACK

Databricks

PySpark

dbt / SQL



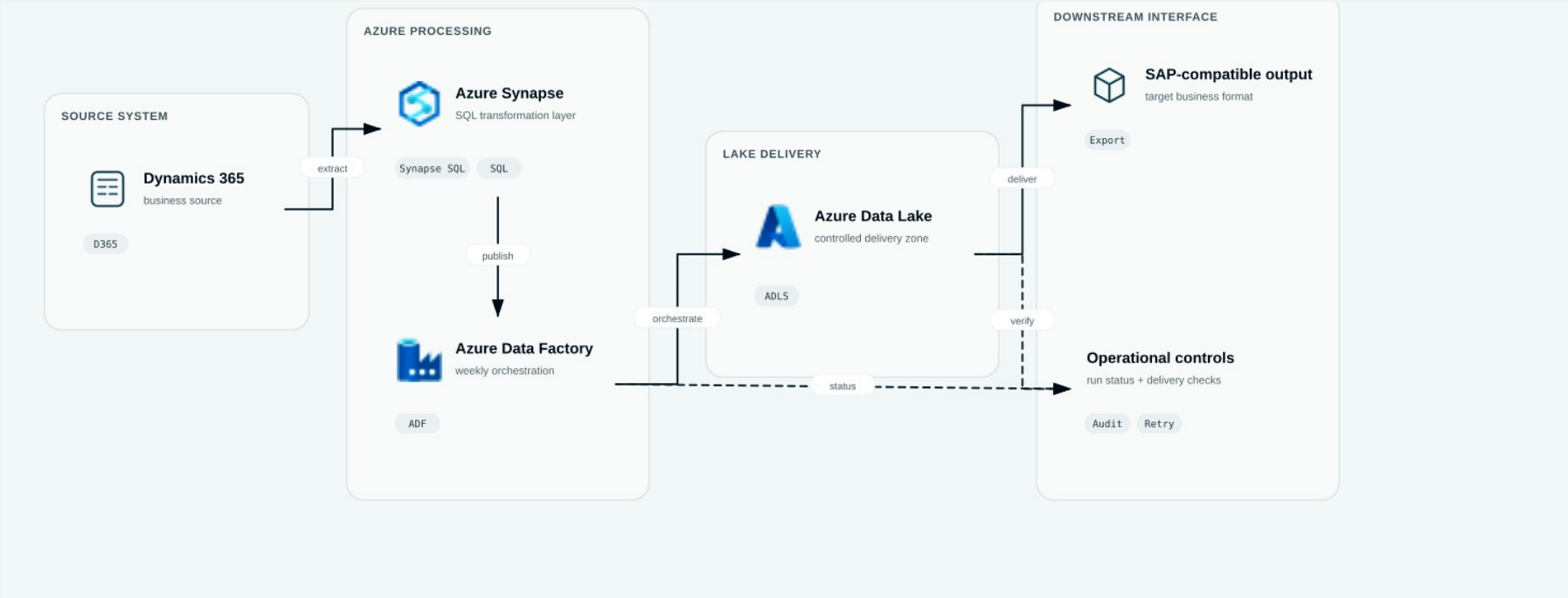
← SUMMARY

| EUKLEIA SOFTWARE                            |  | CLOUD CONSULTANT                                    | Aug 2024-Feb 2025 (7 mo) · Geneva                      |                                                                 |
|---------------------------------------------|--|-----------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------|
| CLOUD · Azure Synapse · ADF · Databricks    |  | TASK                                                | ARCHITECTURE                                           | OUTCOME                                                         |
| <div><div>Synapse</div><div>ADF</div></div> |  | Build weekly D365 extracts and cloud data delivery. | D365 -> Synapse SQL -> ADF -> Data Lake -> Databricks. | Structured files and tables ready for a partner data warehouse. |

ARCHITECTURE

Dynamics/Synapse/ADF delivery into lakehouse

STACK



[SUMMARY](#)

## Apr 2023-Jul 2024 (16 mo) · Geneva

## OUTCOME



D365



DANONE

BI / SQL · Power BI · Excel/VBA · Power Automate

Power BI

Excel/VBA

BI DEVELOPER

Dec 2021-Nov 2022 (12 mo) · Remote

TASK

Deliver six Power BI projects and automate weekly reporting.

ARCHITECTURE

SAP extracts -> Excel/VBA -> Power BI -> Power Automate.

OUTCOME

Faster reporting and less manual work for Swiss Water KPI.

ARCHITECTURE

Swiss KPI automation from SAP/Excel to Power BI

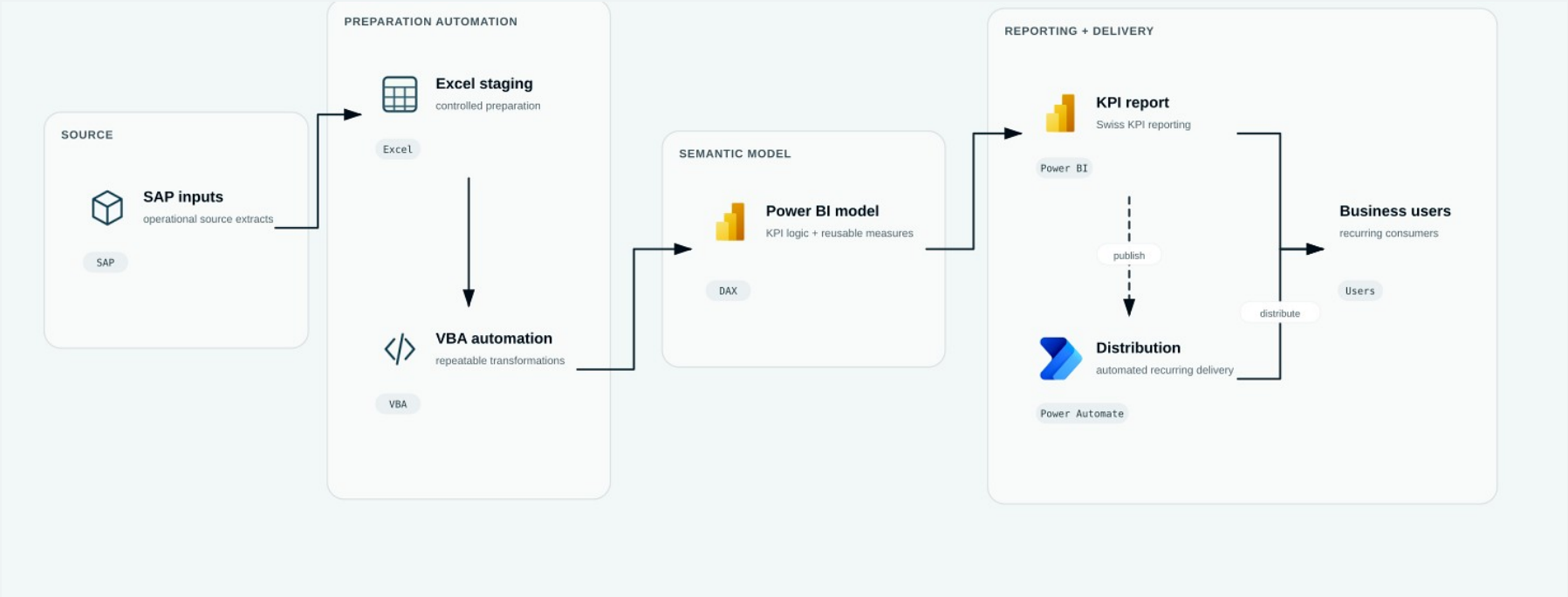
STACK

Power BI

Excel/VBA

Power Automate

SAP



[SUMMARY](#)

TOTALENERGIES

ANALYSIS · Power BI · Oracle DB · Excel

Power BI

Oracle DB

PRODUCT OWNER ASSISTANT

Sep 2018-Aug 2019 (12 mo) · Paris

TASK

Support the product owner on an estimation tool and decision data.

ARCHITECTURE

Excel inputs -> Oracle Database -> SQL checks -> Power BI.

OUTCOME

Early estimation workflow reduced from about 2 weeks to 4 days.

ARCHITECTURE

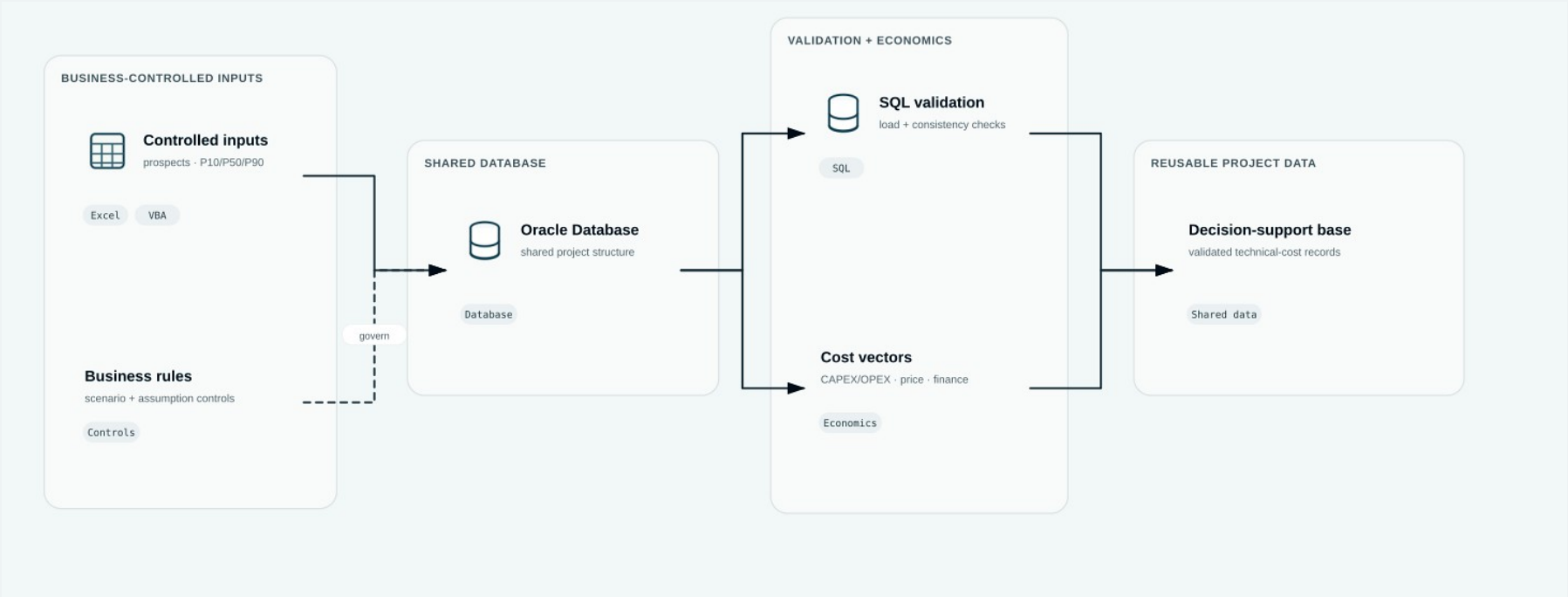
Project database and estimation reporting

STACK

Power BI

Oracle DB

Excel



[SUMMARY](#)

SAVENCIA GROUP

ANALYSIS · Excel/VBA · SAP MRP

SAP

SAP MRP

Excel

Excel/VBA

TASK

Automate weekly replenishment orders.

EXCEL ANALYST

ARCHITECTURE

SAP/MRP + forecast inputs -> Excel/VBA -> validation -> orders.

OUTCOME

Weekly workload reduced from about 2 hours to 20 minutes.

Apr-Sep 2017 (6 mo) · Remote

ARCHITECTURE

Multi-brand replenishment workflow with VBA controls

STACK

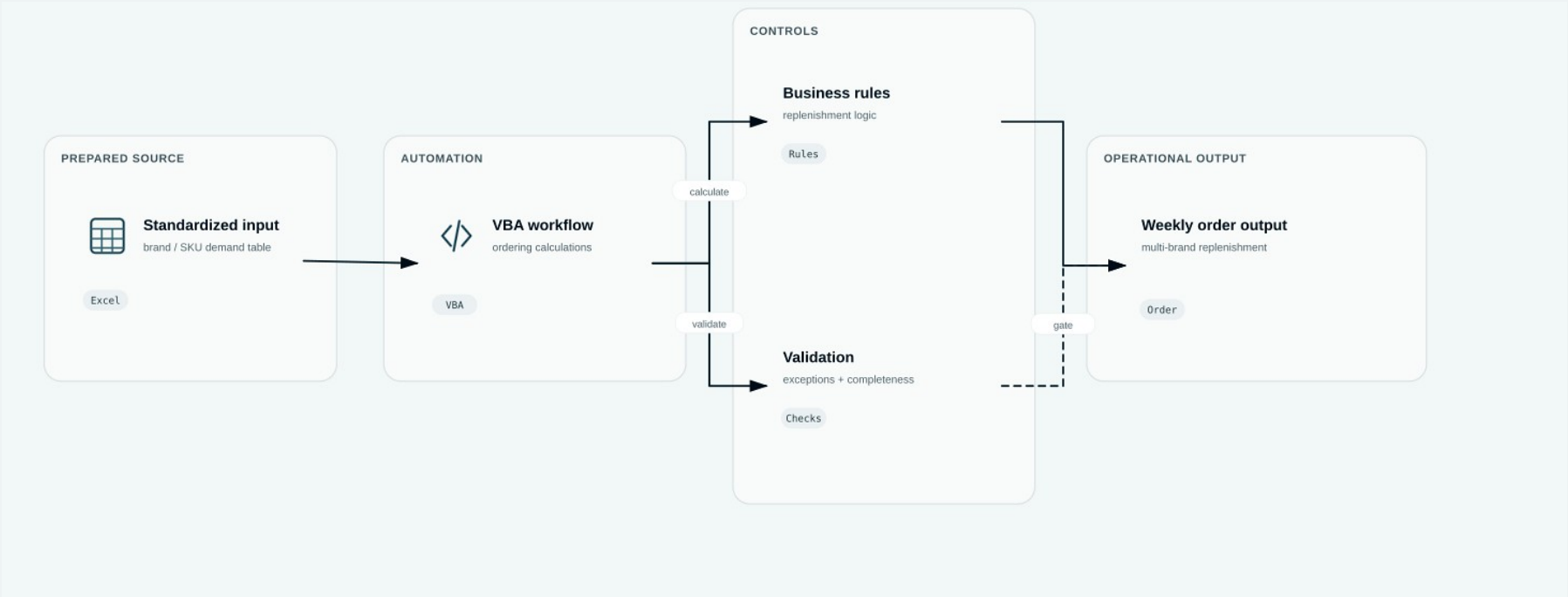
SAP

SAP MRP

Excel

Excel/VBA

Controls



[SUMMARY](#)