Syniti

Data First:
Transforming Enterprise Data for Success
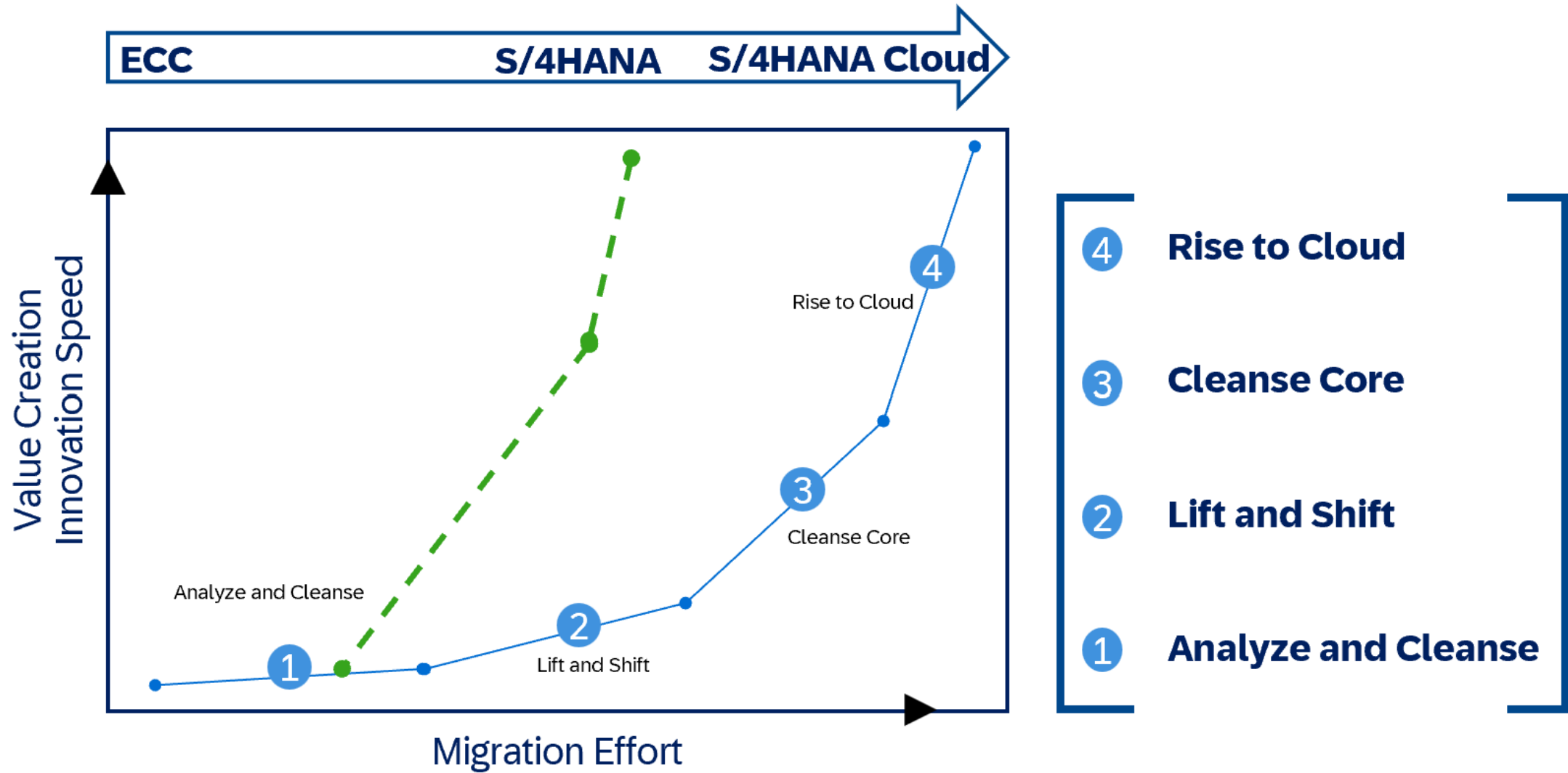
March 2025

Agenda:
- SAP Integrated Toolchain
- Data is the Truth Teller
- Automation
- The Syniti Difference

Scale Transformation with SAP integrated Toolchain
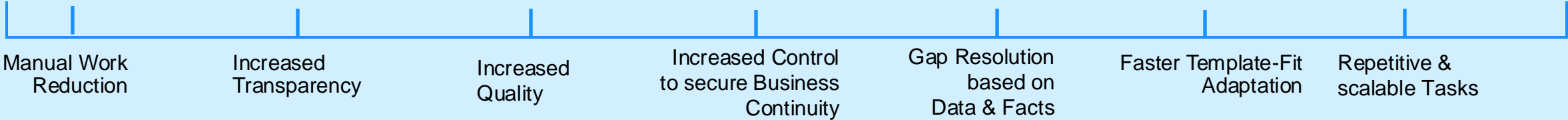
How to reduce efforts in the **Exploration Phase** (Cumulative Impact)
Focus on Delta Scope – Digitalization as Delta Finder

Source: Legacy

System comparison

Target: S/4HANA

Process | Configuration | Tables | Data

Signavio

Syniti
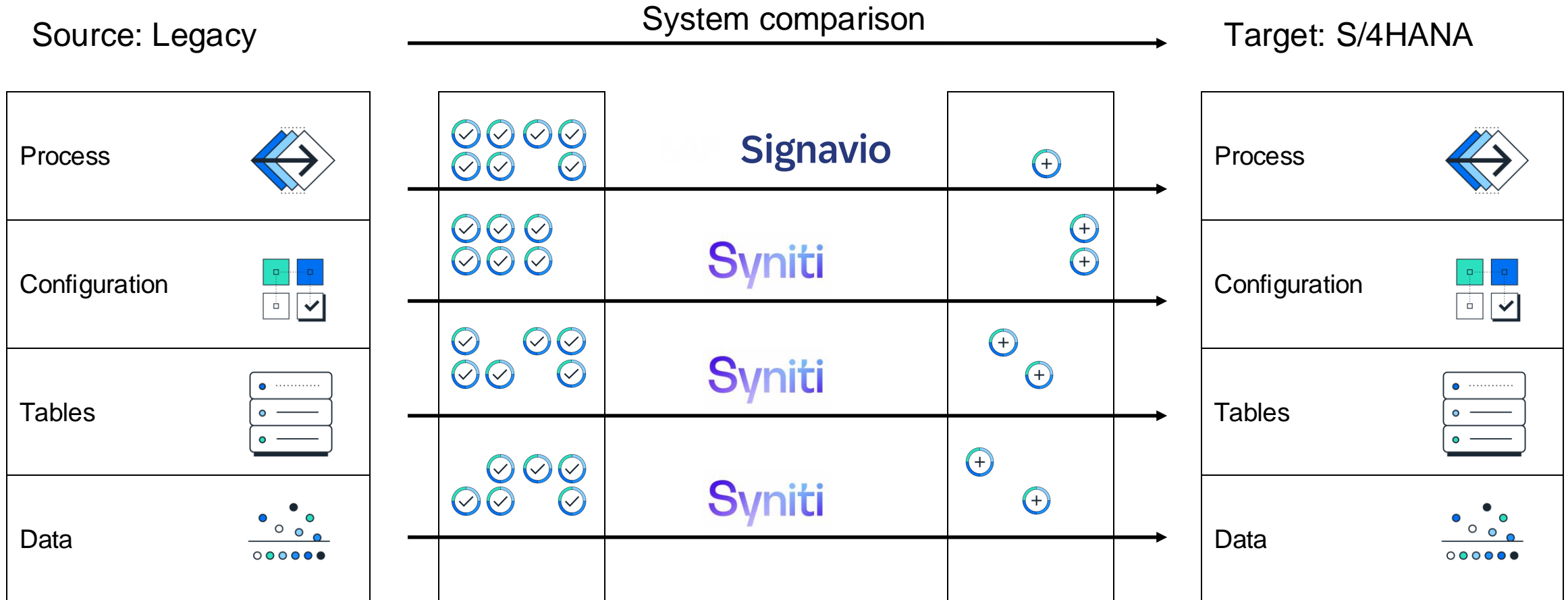
Existing in Source and Target
→ Not relevant for Exploration Phase
→ Effort Reduction & reduced CR risk

Delta Scope
→ Relevant for Exploration Phase
→ Focus for Fit-Gap

"Would you trust a guess... or the evidence?"

Left: Cricket umpire guessing an edge (no tech).

Right: Fact based with Modern Tech (no edge)

Old School

The Modern Way

"Data is the truth teller"

Sound, heat, and trajectory are **data points** captured **in context** by specialized tech to inform a decision with **evidence, not assumption**

Syniti ADMM
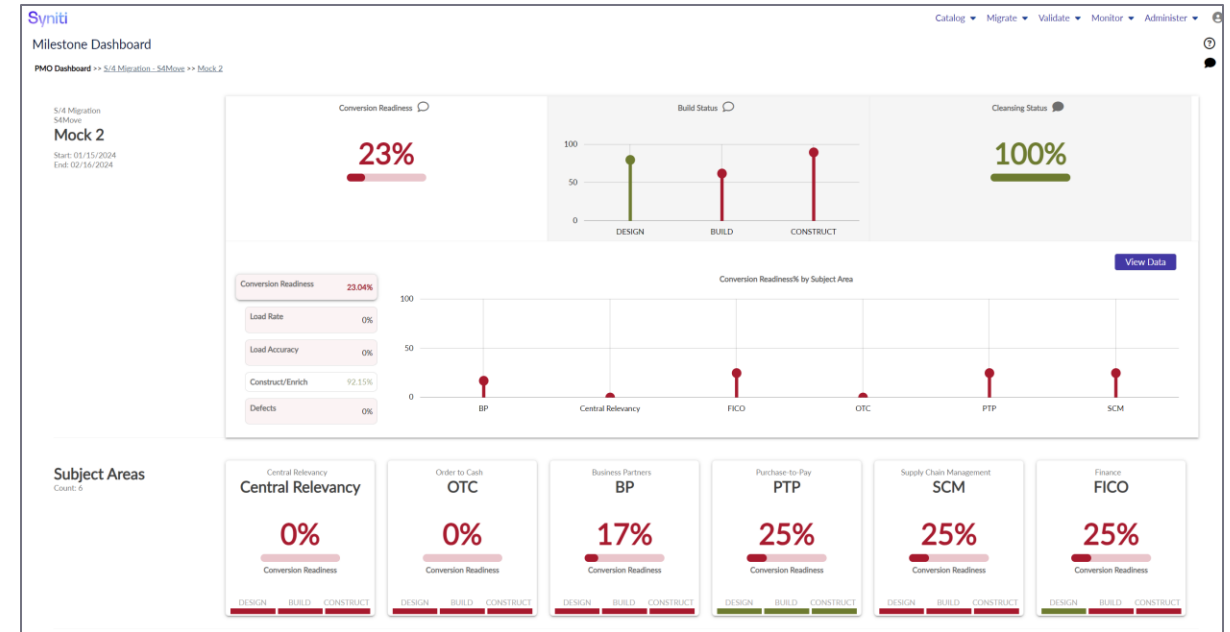
In data transformation, accuracy matters just as much. **Syniti ADMM** gives you **visibility into every edge case — literally**

What we hear:
We have ETL, we should be fine

ETL Methodology not enforced
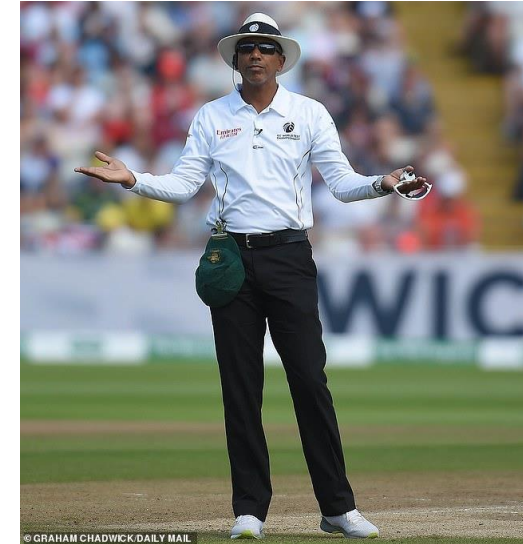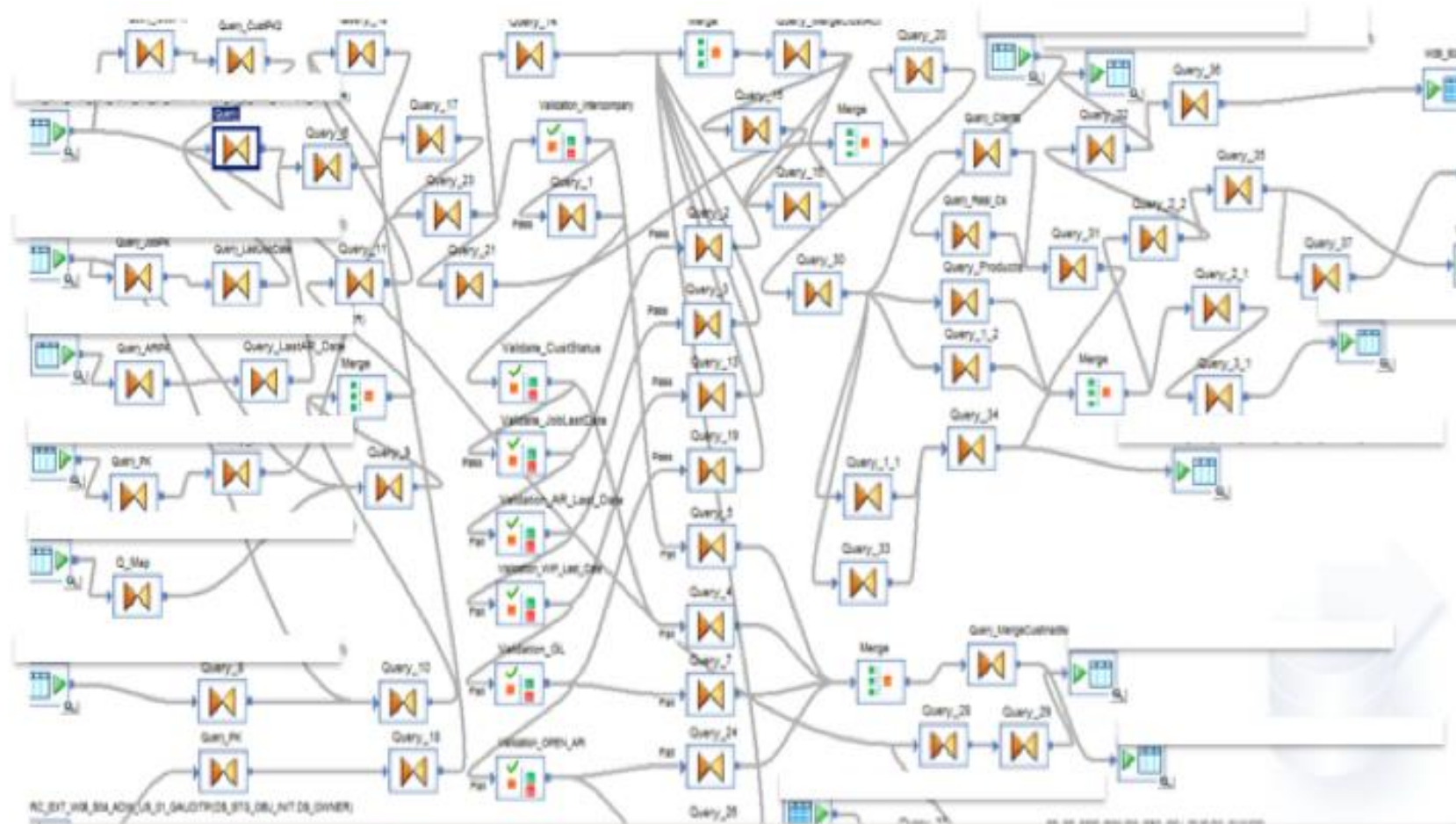
Secret-Sauce: Embedded Methodology

Every stakeholder, one system   +   Automated code generation   =   Embedded Methodology

Business Users   **Data Team**   **IT Department**   **System Integrators**
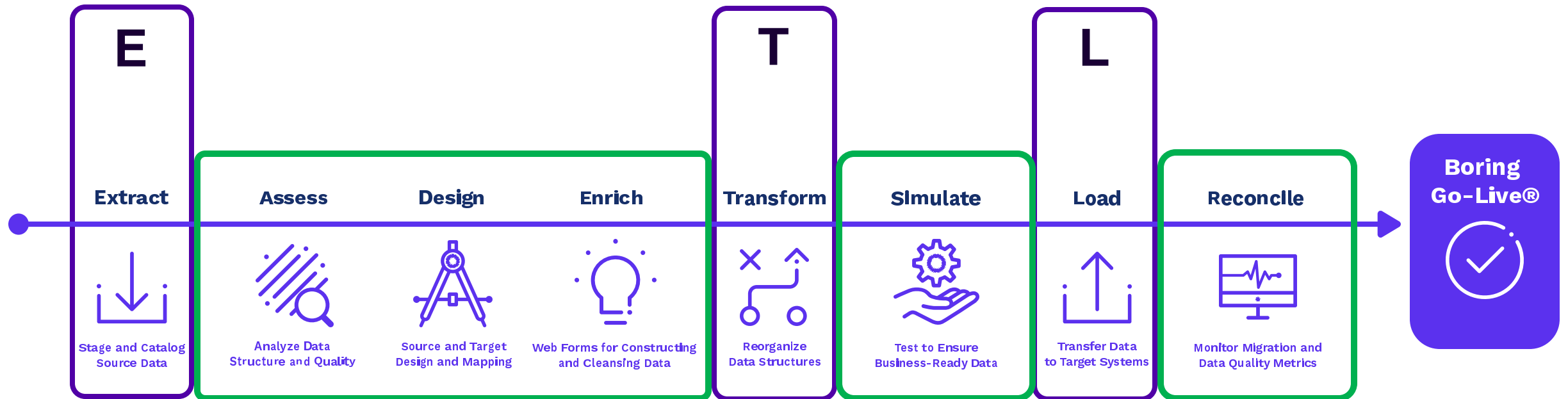
E

Extract

Stage and Catalog Source Data

Assess

Analyze Data Structure and Quality

Design

Source and Target Design and Mapping

Enrich

Web Forms for Constructing and Cleansing Data

T

Transform

Reorganize Data Structures

Simulate

Test to Ensure Business-Ready Data

L

Load

Transfer Data to Target Systems

Reconcile

Monitor Migration and Data Quality Metrics

Boring Go-Live®

Syniti

Syniti

Catalog ▾   Migrate ▾   Validate ▾   Monitor ▾   Administer ▾   👤

S/4 Migration >> S4Move >> Material Master >> MARA >> ECC

Mappings (78)

	Field	Definition	Required	Check Table	Defect/Reference ID	Mapping Action	Map Status	Build Status	Description	Set Map Action
↺	ETIFO	Label form	☐	T6WP4		Copy	Complete	Complete	Copy:"MARA"."ETIFO"	📋 ♀ ✎ ...
↺	EXTWG	External Material G...	☐	TWEW		Copy	Complete	Complete	Copy:"MARA"."EXTWG"	📋 ♀ ✎ ...
↺	GEWEI	Weight Unit	☑	T006		Xref	Complete	Complete	Xref:"MARA"."GEWEI"	📋 ♀ ✎ ...
↺	GROES	Size/dimensions	☐			Copy	Complete	Complete	Copy:"MARA"."GROES"	📋 ♀ ✎ ...
↺	HERKL	Country of Origin o...	☐	T005		Copy	Complete	Complete	Copy:"MARA"."HERKL"	📋 ♀ ✎ ...
↺	HOEHE	Height	☐			Copy	Complete	Complete	Copy:"MARA"."HOEHE"	📋 ♀ ✎ ...
↺	IPRKZ	Period Indicator for...	☐			Copy	Complete	Complete	Copy:"MARA"."IPRKZ"	📋 ♀ ✎ ...
↺	KZKFG	Configurable Mater...	☐			Rule	Complete	Complete	Rule:"MARA"."KZKFG" If ...	📋 ♀ ✎ ...
↺	LAEDA	Date of Last Change	☐			Copy	Complete	Complete	Copy:"MARA"."LAEDA"	📋 ♀ ✎ ...
↺	LAENG	Length	☐			Copy	Complete	Complete	Copy:"MARA"."LAENG"	📋 ♀ ✎ ...
↺	LIQDT	Deletion date	☐			Copy	Complete	Complete	Copy:"MARA"."LIQDT"	📋 ♀ ✎ ...
↺	LVORM	Flag Material for D...	☐			Copy	Complete	Complete	Copy:"MARA"."LVORM"	📋 ♀ ✎ ...
↺	MATKL	Material Group	☐	T023		Xref	Complete	Complete	Xref:"MARA"."MATKL"	📋 ♀ ✎ ...
↺	MBRSH	Industry Sector	☐	T123		Xref	Complete	Complete	Xref:"MARA"."MBRSH"	📋 ♀ ✎ ...

Data Element Details

Dataset

| Material Master | ⬈ |

Table

| MARA |

Table Description

| General Material Data |

Data Element

| MATKL |

Data Element Definition

Data Mapping Details 🔓 💾

Map Action   **Datasource**   **Table ***   **Field ***

| Xref ▾ | ECC ▾ | MARA ⊞ | MATKL ⊞ |

Xref Table

| XTVALUEMAP ▾ |

Checktable

| T023 |

Value Mappings: 144 / 243

Comment

| Auto Map copy action selected. |

2

LET US SHOW YOU

Let the data tell you:

Auto Generated Metric Score Cards

THE BEST RUN **SAP**

② Automated Metric Scorecards — Identify Bottle Necks

Syniti   Catalog ▾   Migrate ▾   Validate ▾   Monitor ▾   Administer ▾

Metrics Scorecard (34)

Project	Release ▽ ↑	Milestone	Mapping Complete	Mapping Reviewed	Build Complete	Construction
ORACLE EBS Migration	EBS_S4Move		64%	0%	0%	
S/4 Migration	S4Move		73%	91%	91%	69%

Syniti   Catalog ▾   Migrate ▾   Validate ▾

Metrics Scorecard for S/4 Migration S4Move

Subject Area	Mapping Complete	Mapping Reviewed	Build Complete	Construction
BP	66%	87%	87%	69%
PTP	93%	85%	85%	

Syniti   Catalog ▾   Migrate ▾   Validate ▾   Monitor ▾   Administer ▾

Metrics Scorecard for S/4 Migration S4Move / Mapping Complete for SCM / Material Master

RELEASE	SUBJECT_AREA_NAME	DATASET_NAME	TARGET_TABLE	DATASOURCE	PRIMARY_SOURCE	TOTAL	MAPPED	REVIEWED	BUILT
S4Move	SCM	Material Master	MM_MAKT_T	CONSTRUCT	MM_MAKT_C	10	10	10	10
S4Move	SCM	Material Master	MM_MARA_T	CONSTRUCT	MM_MARA_C	79	31	31	31
S4Move	SCM	Material Master	MM_MARC_T	CONSTRUCT	MM_MARC_C	122	98	98	98
S4Move	SCM	Material Master	MM_MARM_T	CONSTRUCT	MM_MARC_C	25	3	1	1
S4Move	SCM	Material Master	MM_INSPECTION_TYPE-...	ECC	QMAT	41	40	40	40
S4Move	SCM	Material Master	MM_MAKT_T	ECC	MAKT	10	10	10	10
S4Move	SCM	Material Master	MM_MARA_T	ECC	MARA	78	76	75	75
S4Move	SCM	Material Master	MM_MARC_T	ECC	MARC	122	119	119	119
S4Move	SCM	Material Master	MM_MARD_T	ECC	MARD	16	16	16	16
S4Move	SCM	Material Master	MM_MARM_T	ECC	MARM	25	25	25	25
S4Move	SCM	Material Master	MM_MBEW_T	ECC	MBEW	13	11	11	11
S4Move	SCM	Material Master	MM_MEAN_T	ECC	MEAN	10	10	10	10
S4Move	SCM	Material Master	MM_MLAN_T	ECC	MLAN	18	18	18	18
S4Move	SCM	Material Master	MM_MVKE_T	ECC	MVKE	29	29	29	29
S4Move	SCM	Material Master	MM_MARA_T	JDE	F0111	79	2	1	1

Why Syniti is Important for your S/4HANA journey?

"Good data isn't cheap, but bad data is much more expensive."
   - SAP ERP Master Data Lead at Global Pharma Giant

Syniti Delivers Data in Context

Traditional Approach Only Delivers 40% of a Solution, At Best

Business

60% of data conversion effort

- Enrichment is important – SI has no strategy to engage with the business. SI assigns full responsibility of data quality to the customer

Application

20% of effort

- Some systems integrators will promise this and partially deliver

Technical

20% of effort

- The minimum level of readiness needed to load the data. Most systems integrators will offer this
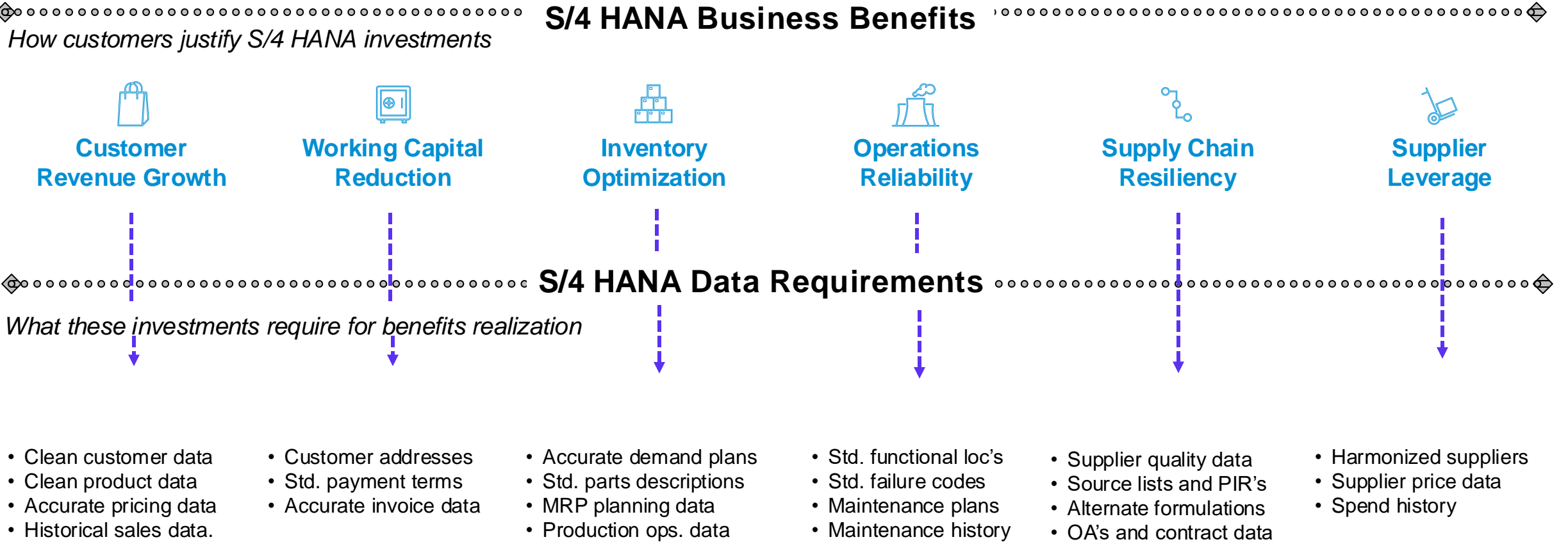
By addressing the 60% of work required to achieve business readiness, Syniti delivers 100% data readiness and even greater business value.

Business-Ready Data

Application-Ready Data

Technical-Ready Data

TRUSTED DATA IS THE FOUNDATION FOR S/4 HANA

S/4 HANA Business Benefits

How customers justify S/4 HANA investments

| Customer Revenue Growth | Working Capital Reduction | Inventory Optimization | Operations Reliability | Supply Chain Resiliency | Supplier Leverage |

S/4 HANA Data Requirements

What these investments require for benefits realization

- Clean customer data
- Clean product data
- Accurate pricing data
- Historical sales data.

- Customer addresses
- Std. payment terms
- Accurate invoice data

- Accurate demand plans
- Std. parts descriptions
- MRP planning data
- Production ops. data

- Std. functional loc's
- Std. failure codes
- Maintenance plans
- Maintenance history

- Supplier quality data
- Source lists and PIR's
- Alternate formulations
- OA's and contract data

- Harmonized suppliers
- Supplier price data
- Spend history

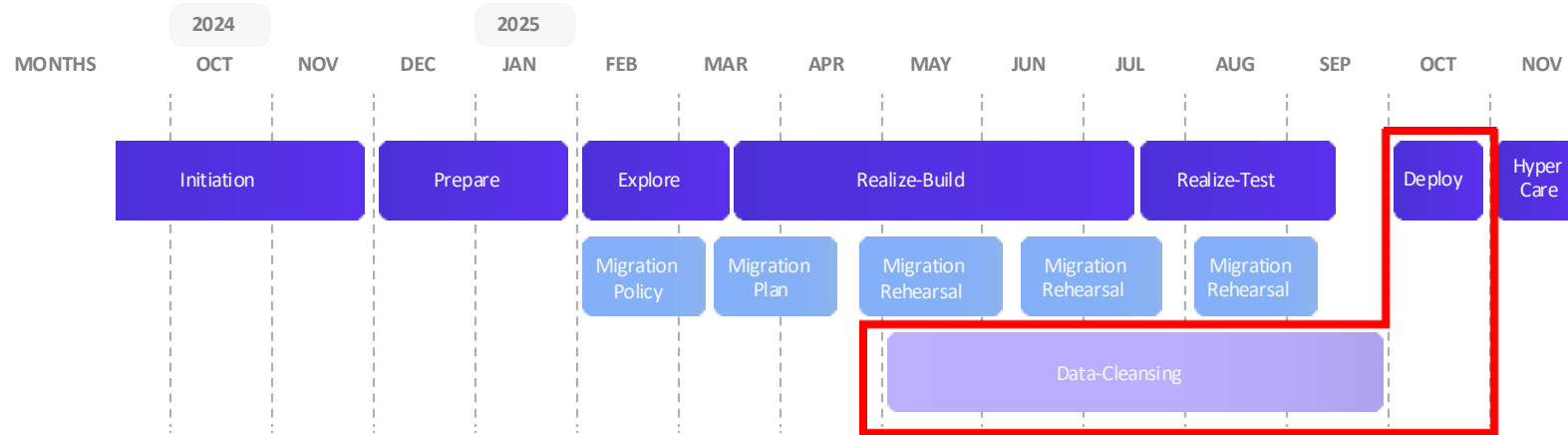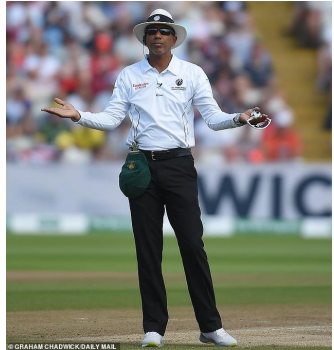# The **Syniti Data First** Approach

"Data is the truth teller – leverage it as lead indicator"

Importance of Starting the Data First

2024   **2025**

MONTHS | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV

| Initiation | Prepare | Explore | Realize-Build | Realize-Test | Deploy | Hyper Care |

- Migration Policy
- Migration Plan
- Migration Rehearsal
- Migration Rehearsal
- Migration Rehearsal

Data-Cleansing

Data First Approach

2024   **2025**

MONTHS | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV

| Initiation | Prepare | Explore | Realize-Build | Realize-Test | Deploy | Hyper Care |

- Migration Policy
- Migration Plan
- Migration Rehearsal
- Migration Rehearsal
- Complete

Project A

Project A - Data Quality
- Design — 16 Oct to 31 Oct
- Prototype — 23 Oct to 10 Nov
- Execute & Monitor — 1 Nov to 17 May

Project B Profiling
- Access
- Reporting & Analysis
- Final

- Data cleansing began right before migration go-live
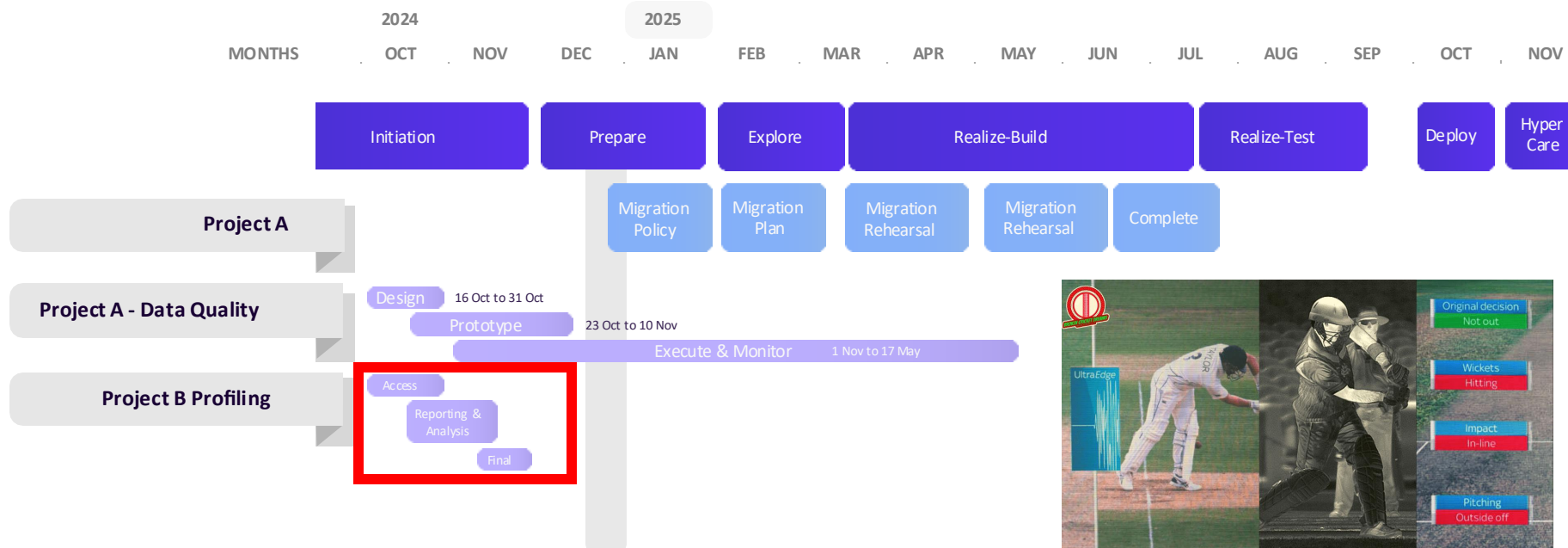
- Data cleansing began early, **starting 3 months before** SAP project kickoff

- Allows more time for decision making (e.g., archiving based on data points)

- More data insights feeding design work-shops

Thank You

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