INTEGRATED IT PLANNING - ALFABET INTEROPERABILITY

ALFABET CUSTOMER ROUNDTABLE NORDIC 2018-11-13

SANDVIK

INTEGRATED IT PLANNING - ALFABET INTEROPERABILITY

ALFABET CUSTOMER ROUNDTABLE NORDIC

AGENDA

- THE SANDVIK GROUP
    - FAST TRACK AND HOW WE GOVERN IT
- POSITIONING SANDVIKS ENTERPRISE REPOSITORIES
    - WHAT AND HOW WE USE FOR WHAT
- WHERE ARE WE NOW
    - SOME NUMBERS AND DEVELOPMENTS
- QUESTIONS
    - AND HOPEFULLY SOME ANSWERS
- DEMO
    - VIEWING THE SOLUTION

STEFAN DAHLSTRÖM
Head of Architecture and
Portfolio Management
Sandvik Group

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THE SANDVIK GROUP

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43,000
EMPLOYEES

91
BILLION SEK
INVOICED SALES

50
R&D CENTERS GLOBALLY

SALES IN OVER
150
COUNTRIES
AROUND THE GLOBE

3.5
BILLION SEK
ANNUAL R&D INVESTMENT

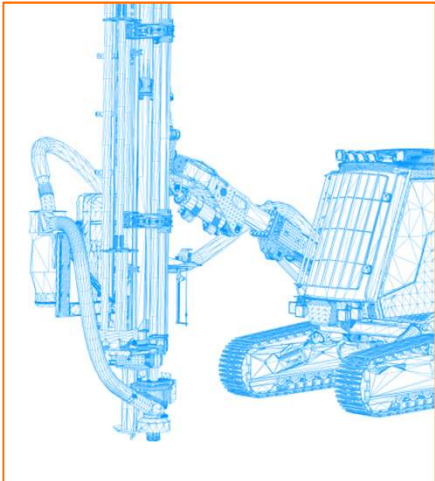# 7,300
ACTIVE PATENTS AND OTHER IP* RIGHTS

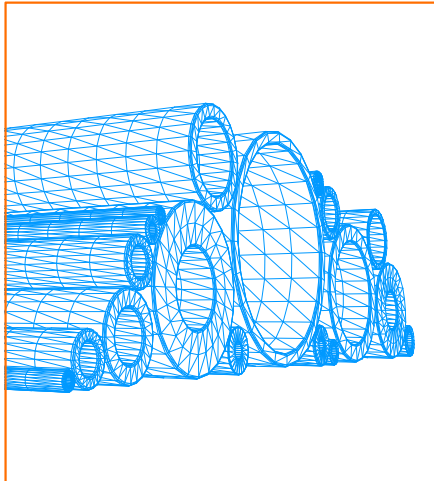Figures refer to Group total 2017

WORLD-LEADING POSITIONS

IN THE FOLLOWING AREAS

METAL CUTTING

MINING AND ROCK TECHNOLOGY

ADVANCED MATERIAL KNOWLEDGE

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BUSINESS AREAS – OUR PORTFOLIO

SANDVIK
MACHINING SOLUTIONS

39%

55%

SANDVIK
MINING AND
ROCK TECHNOLOGY

40%

37%

Share of revenues 2017

Share of adjusted operating profit 2017

SANDVIK
MATERIALS TECHNOLOGY

15%

5%

Other operations (non-strategic assets)
contributed by 6% to revenues
and by 3% to adjusted operating profit

REVENUES BY MARKET AREA

SHARE OF GROUP TOTAL 2017

NORTH AMERICA
21%

EUROPE
39%

ASIA
20%

SOUTH AMERICA
5%

AFRICA/MIDDLE EAST
9%

AUSTRALIA
6%
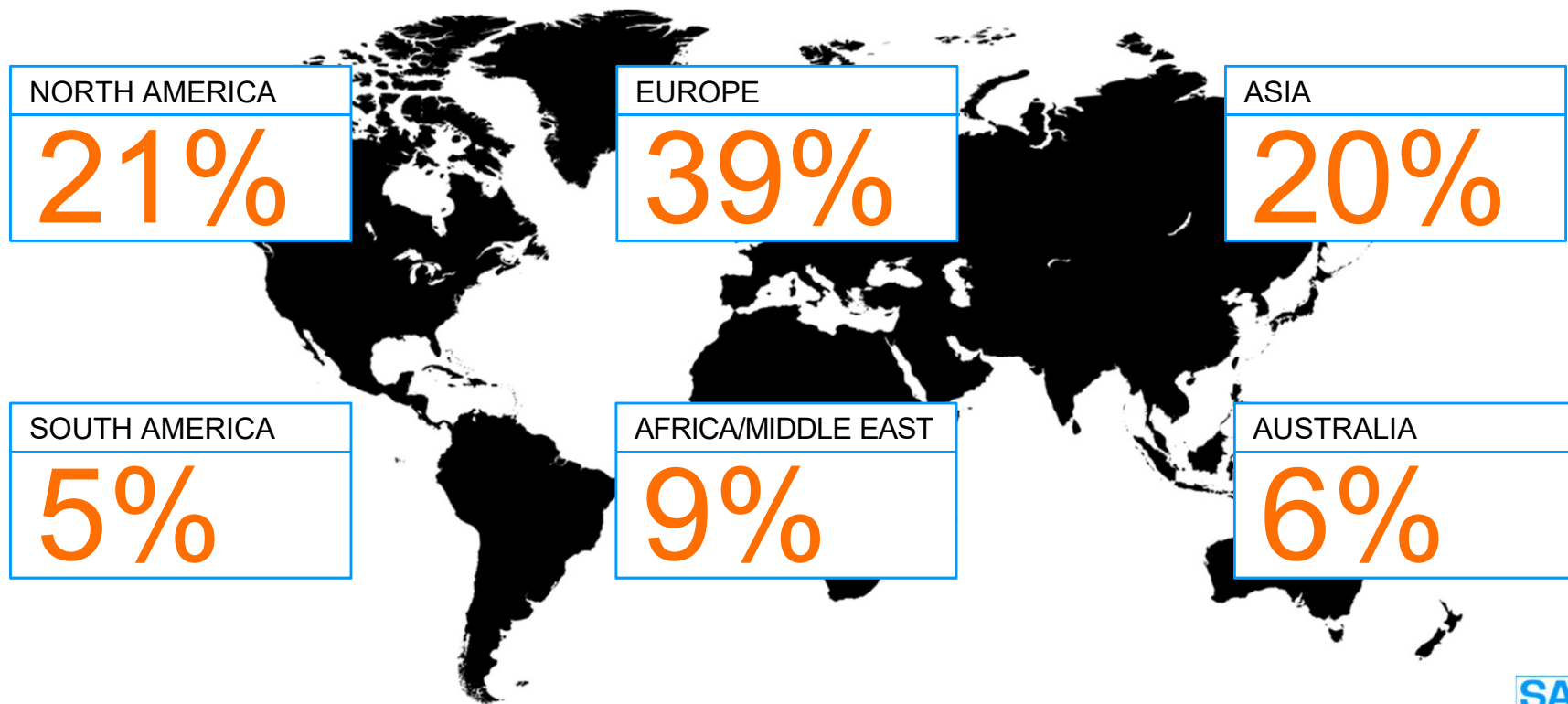
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Figures refer to Group total 2017 excl. Sandvik Mining Systems

THE OPERATIONAL STRUCTURE OF SANDVIK

SANDVIK MACHINING SOLUTIONS

6 DIVISIONS

PA	PA	PA	PA	PA	PA

SANDVIK MINING AND ROCK TECHNOLOGY

8 DIVISIONS

PA	PA	PA	PA	PA	PA	PA	PA

SANDVIK MATERIALS TECHNOLOGY

4 DIVISIONS

PA	PA	PA	PA

COMMON GLOBAL FUNCTIONS

7 FUNCTIONS

GF	GF	GF	GF	GF	GF	GF

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THE WAY WE HAVE ORGANIZED TO DELIVER IT

SANDVIK MACHINING SOLUTIONS

- Coromant IT
- SECO Demand & IT
- Walter IT
- Dormer Pramet IT

SANDVIK MINING AND ROCK TECHNOLOGY

- Sandvik Mining and Rock Technology IT

SANDVIK MATERIALS TECHNOLOGY

- Tube IT
- Kanthal IT

COMMON GLOBAL FUNCTIONS

- CIO Office
- Sandvik Infrastructure and Technology Services
- Group Functions IT

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OPERATING MODEL

AND THE DIFFERENT LEVELS OF GOVERNANCE

CIO

IT Security controls	Regulatory compliance

MANDATORY

Strategy, policy & principles	Repositories

IT EXECUTIVE COMMITTEE

Common IT Services and Solutions

COMMON

BUSINESS

SHARED	SHARED	SHARED

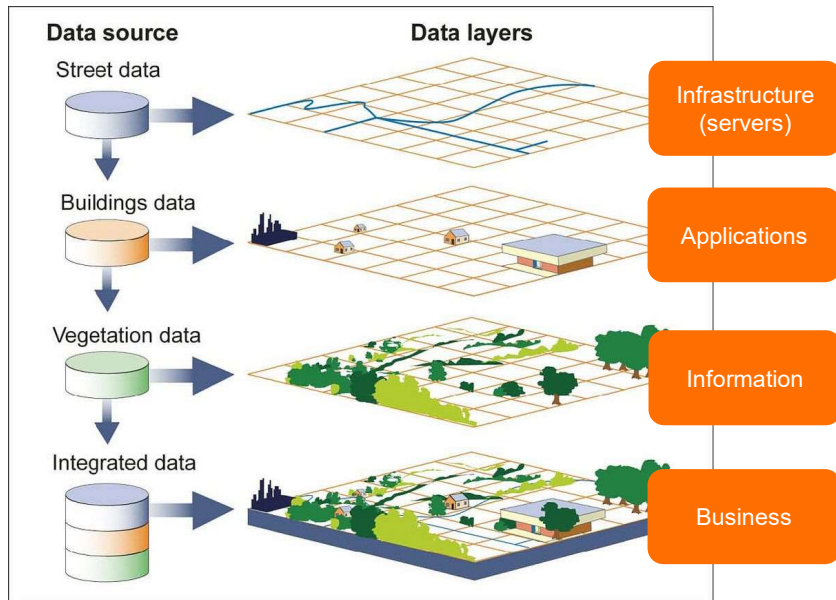| UNIQUE	UNIQUE	UNIQUE	UNIQUE	UNIQUE	UNIQUE

SANDVIK
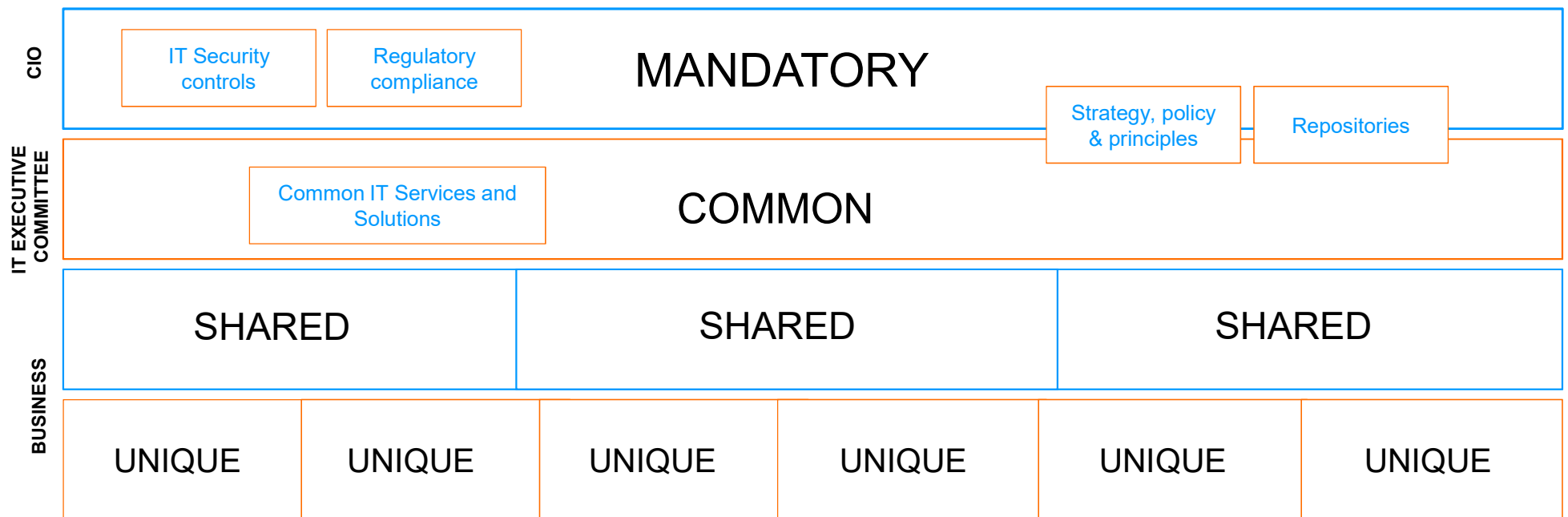
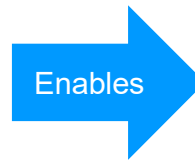# ENTERPRISE REPOSITORIES POSITIONING

WHERE IN THE BIG PICTURE DOES IT FIT IN

THINK ABOUT – GEOGRAPHICAL INFORMATION SYSTEM

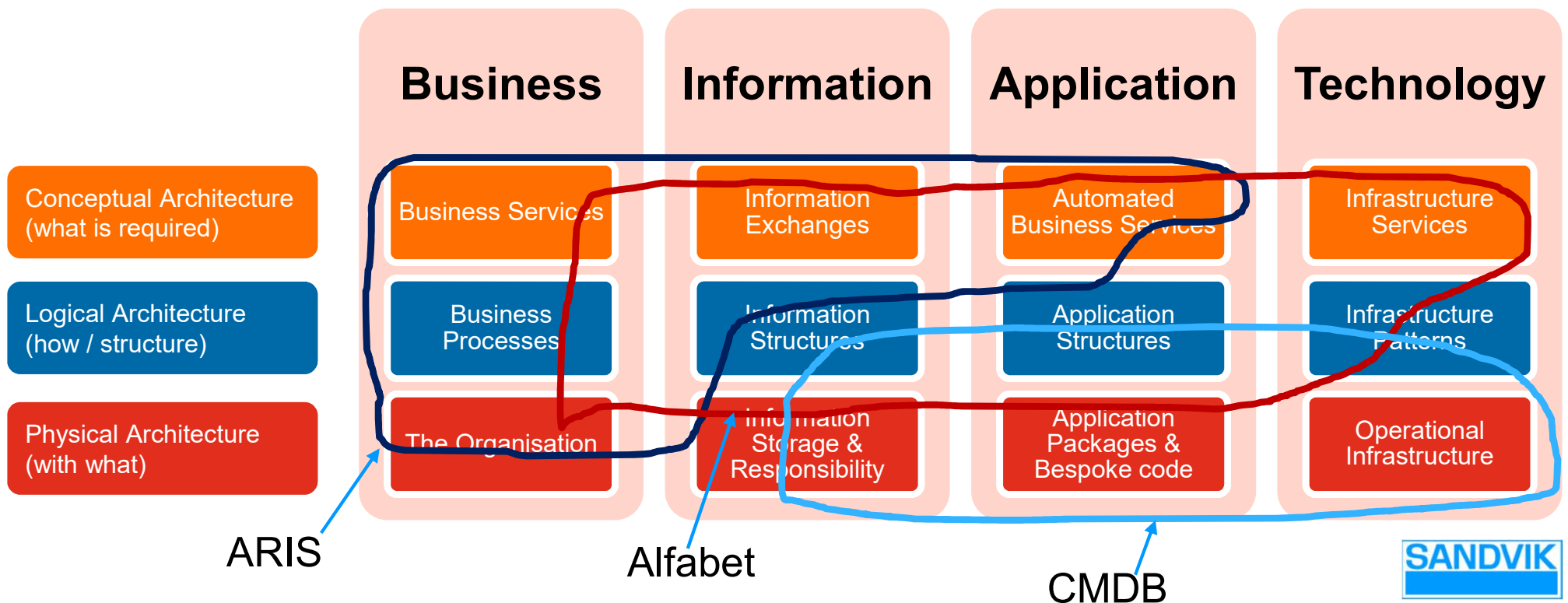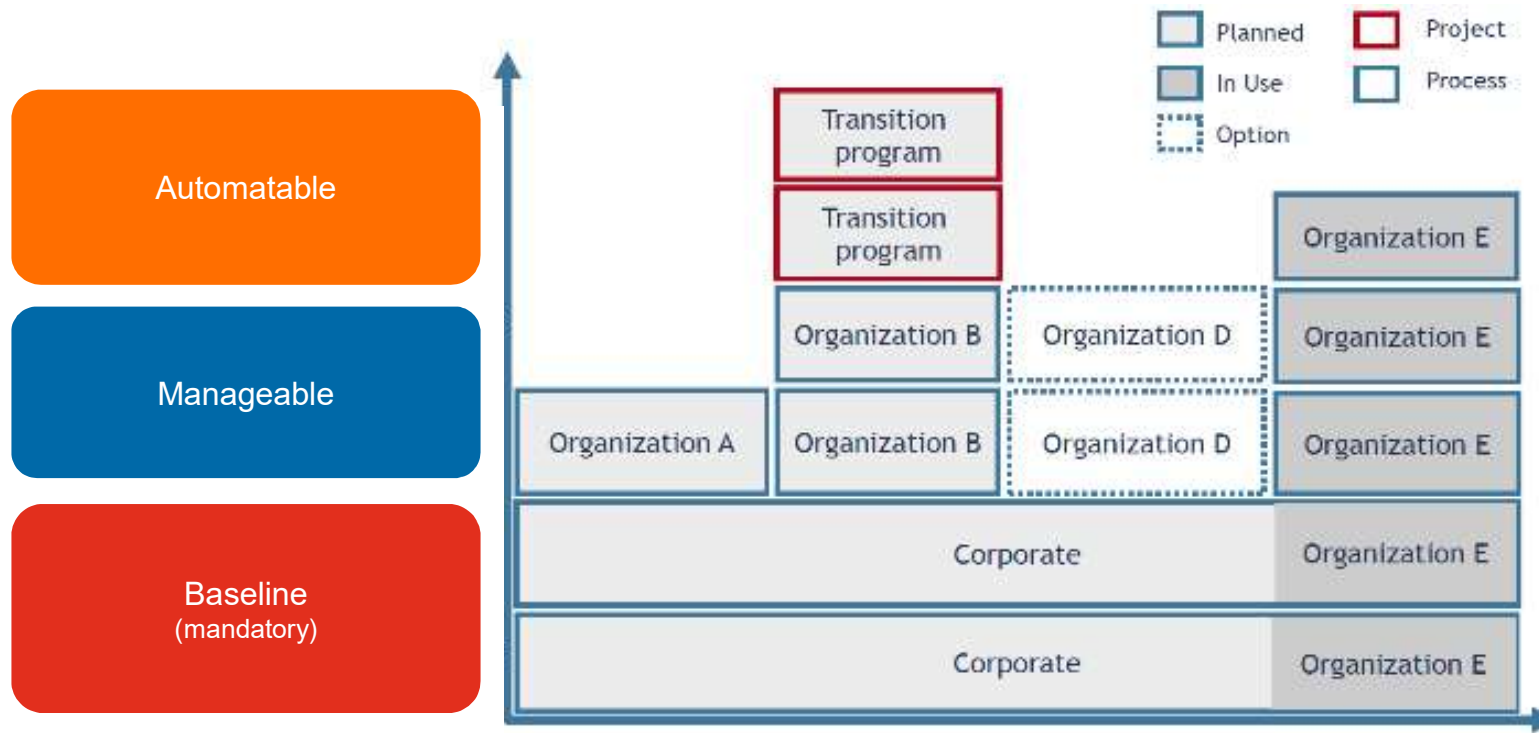**what you need to have**
(ARIS, Alfabet and CMDB)

to do what you want

ENTERPRISE REPOSITORY POSITIONING

WHAT IS SUPPORTED WITH WHAT

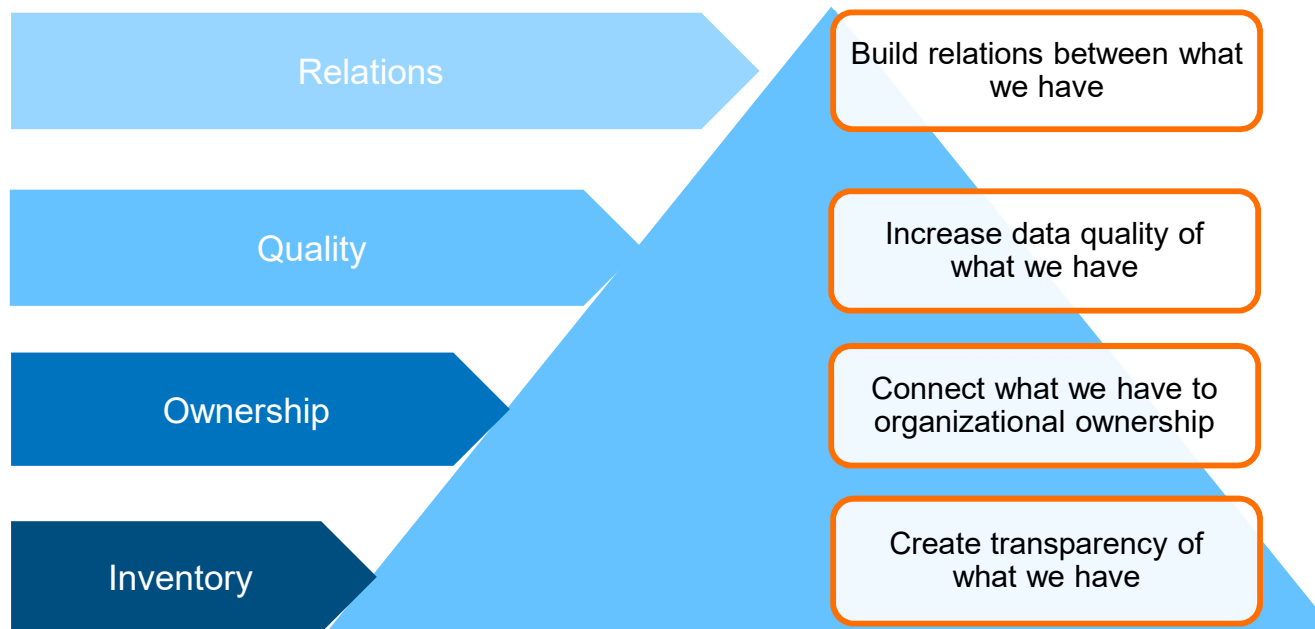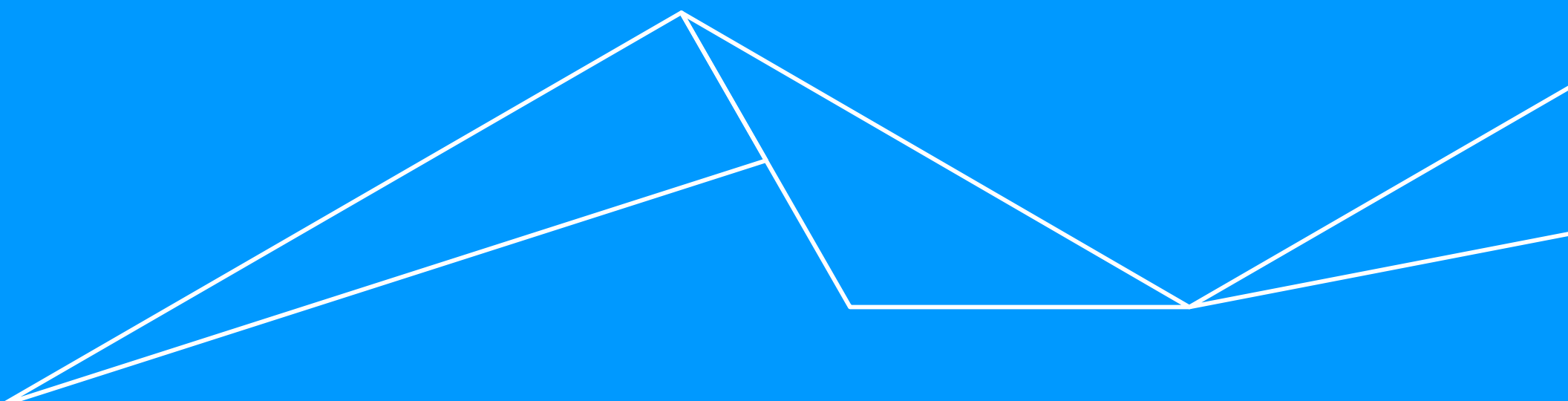|	Business	Information	Application	Technology
Conceptual Architecture (what is required)	Business Services	Information Exchanges	Automated Business Services	Infrastructure Services
Logical Architecture (how / structure)	Business Processes	Information Structures	Application Structures	Infrastructure Patterns
Physical Architecture (with what)	The Organisation	Information Storage & Responsibility	Application Packages & Bespoke code	Operational Infrastructure

ARIS

Alfabet

CMDB

ENTERPRISE REPOSITORIES POSITIONING

OUR APPROACH – THE TETRIS MODEL

ENTERPRISE REPOSITORIES POSITIONING

THE ACTUAL WORK WE DO WHEN ALL THE STRUCTURE WORK IS DONE

Relations — Build relations between what we have

Quality — Increase data quality of what we have

Ownership — Connect what we have to organizational ownership

Inventory — Create transparency of what we have

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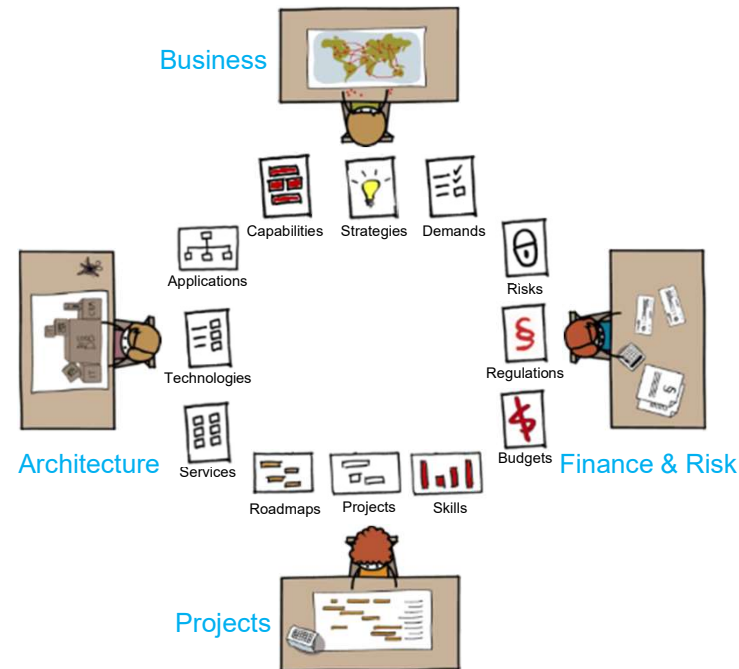# WHERE ARE WE NOW

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ENTERPRISE REPOSITORY STATUS

INTEGRATED REPOSITORY SCENARIO

Create application portfolio

✓ Transparency across applications, devices and technologies

Link to existing program portfolio

✓ Understand ongoing transformation through running and future projects
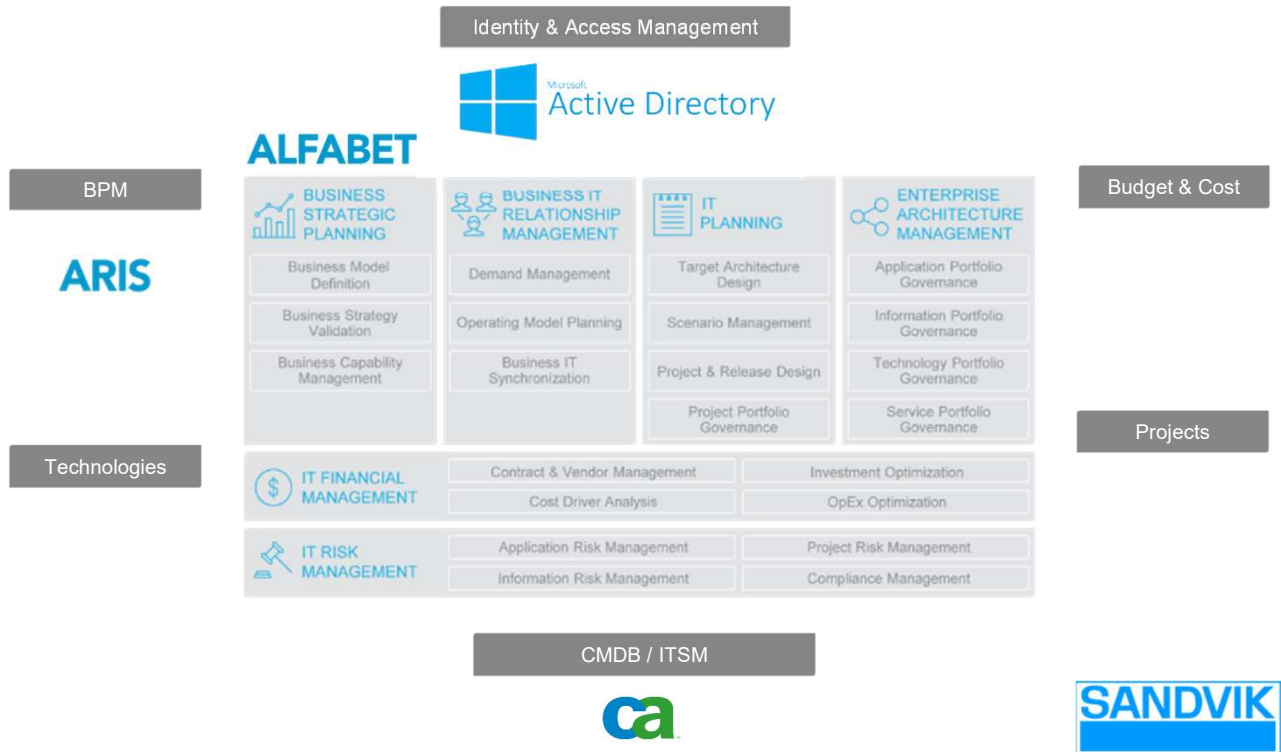
Map business context to IT portfolios

✓ Understand how existing IT portfolios support the business
✓ Identify gaps

Integrate finance & risk perspectives

✓ Add risk, regulatory and financial view to the integrated IT portfolio

Business

Capabilities Strategies Demands

Applications

Risks

Technologies

Regulations

Architecture

Services

Budgets Finance & Risk

Roadmaps Projects Skills

Projects

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OVERVIEW & INTEGRATION POINTS

INTEGRATED REPOSITORY OUR APPROACH

ENTERPRISE REPOSITORY STATUS

ARIS - ENTERPRISE MODELING TOOL

- All Business Areas are utilizing ARIS

- ARIS Connect installed

- Increased usage cross Sandvik Group picking up

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ENTERPRISE REPOSITORY STATUS

ALFABET - IT PORTFOLIO TOOL

- 2 045 active applications

- 846 technical components

- 220 unique users per month

- 298 Business Capabilities

- 1 012 integrations

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ENTERPRISE REPOSITORY STATUS

CMDB - ASSET MANAGEMENT TOOL

- Server Assets
  - Mainframe
  - System p
  - Windows Server
  - Unix

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KEEP
CALM
IT IS
DEMO
TIME

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