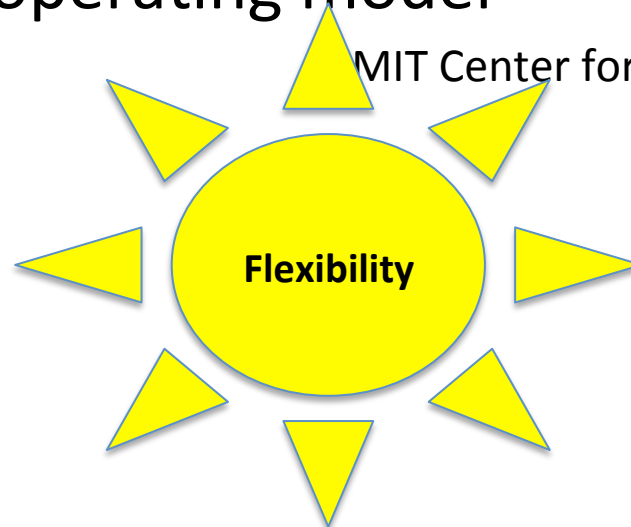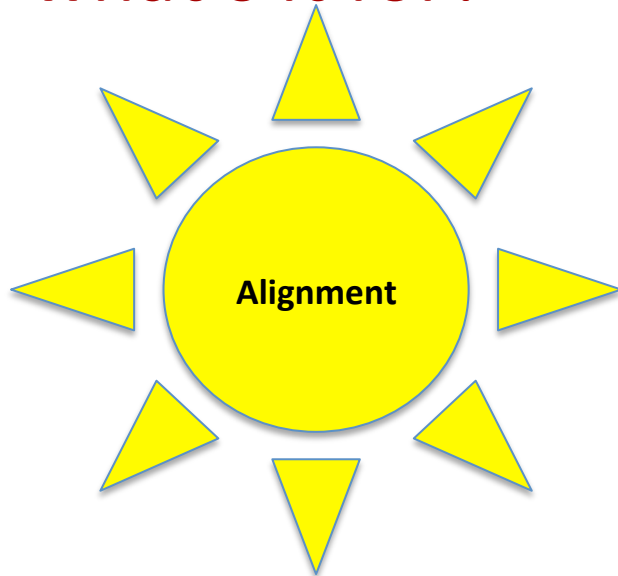# It Strategy and Enterprise Architecture

Week 4

IT Strategy: COBIT APO02

- Understand enterprise direction
- Assess current environment, capabilities & performance
- Define target IT capabilities
- Conduct gap analysis
- Define strategic plan & road map
- Communicate IT strategy and direction

- IT strategy is all about alignment with the business
- What does the company need IT to do?
- Can IT meet the needs consistently, reliably?
- If no, what are the shortfalls?
- What actions need to be taken to eliminate them?

Enterprise Architecture

What's an Enterprise Architecture and what's it for?

EA "…is the organizing logic of business processes and IT infrastructure reflecting the integration and standardization requirements of the firms operating model"
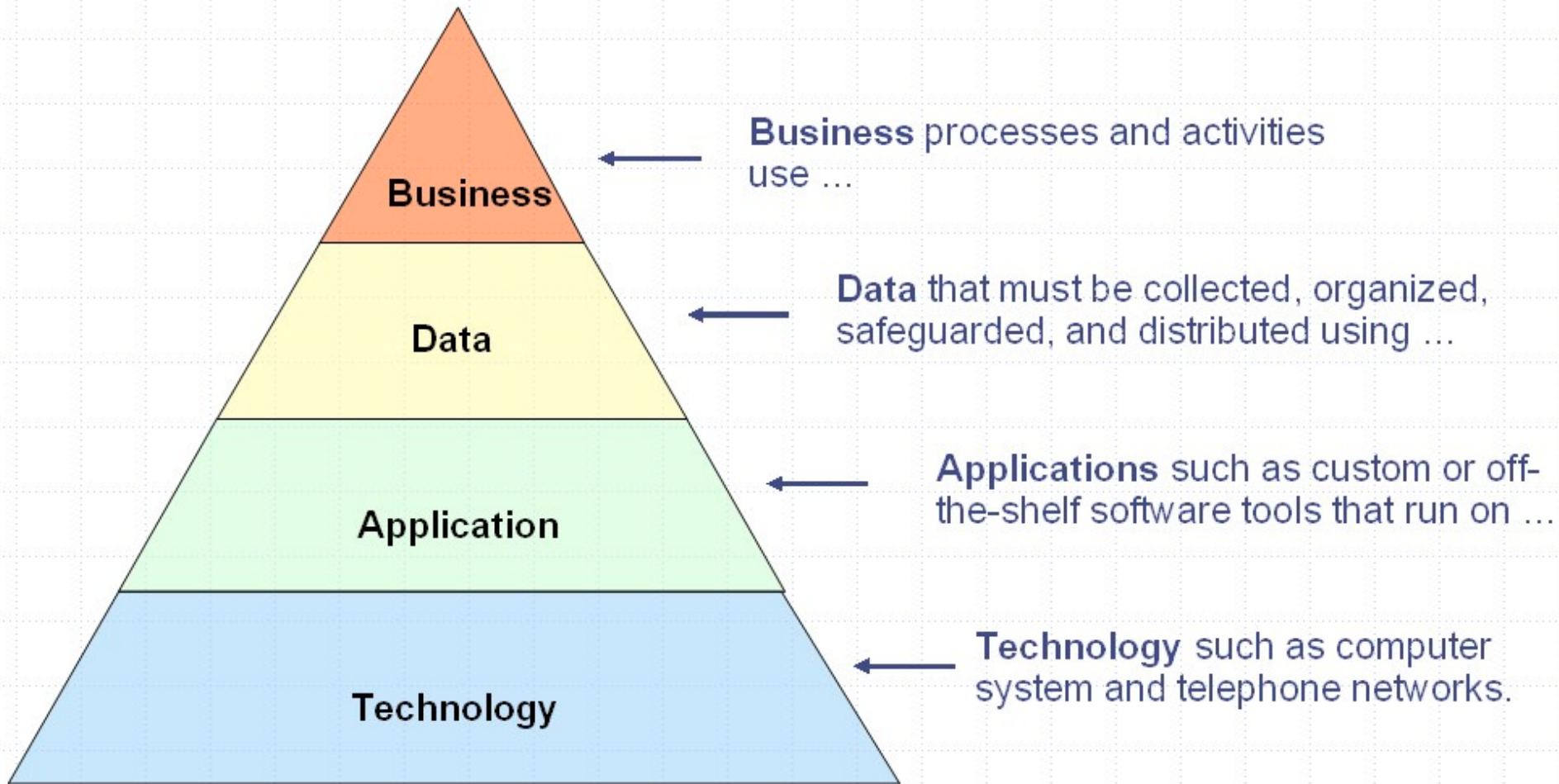
MIT Center for Information Research

Alignment

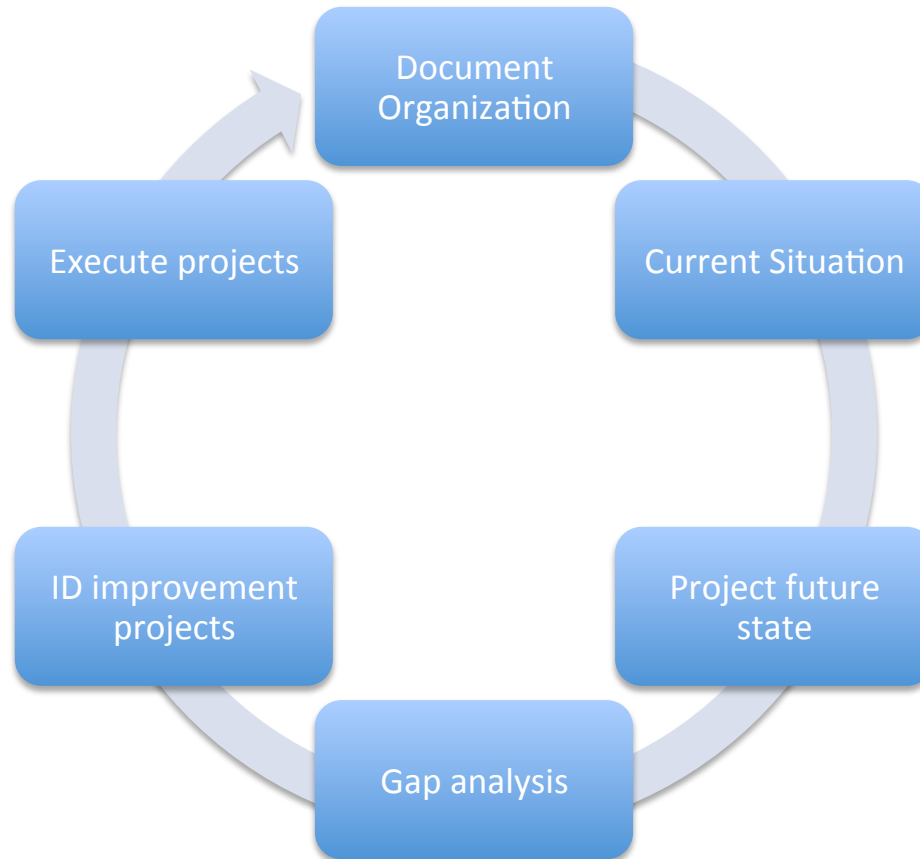Flexibility

Enterprise Architecture: COBIT APO04

- Develop the enterprise architecture vision
- Define reference architecture
- Select opportunities and solutions
- Define architecture implementation
- Provide enterprise architecture services

- Enterprise architecture is more about technical capabilities needed to meet business needs
- When building a house, wouldn't you want to have a blueprint before beginning construction?

When business strategy changes, so must enterprise architecture

Federal Enterprise Architecture Model

Business processes and activities use ...

Data that must be collected, organized, safeguarded, and distributed using ...

Applications such as custom or off-the-shelf software tools that run on ...

Technology such as computer system and telephone networks.

Enterprise Architecture Cycle

Manage Enterprise Architecture
COBIT APO 03

- 01 Develop enterprise architecture vision
- 02 Define reference architecture
- 03 Select opportunities and solutions
- 04 Define architecture implementation
- 05 Provide enterprise architecture services