



**TOGAF**



# TOGAF

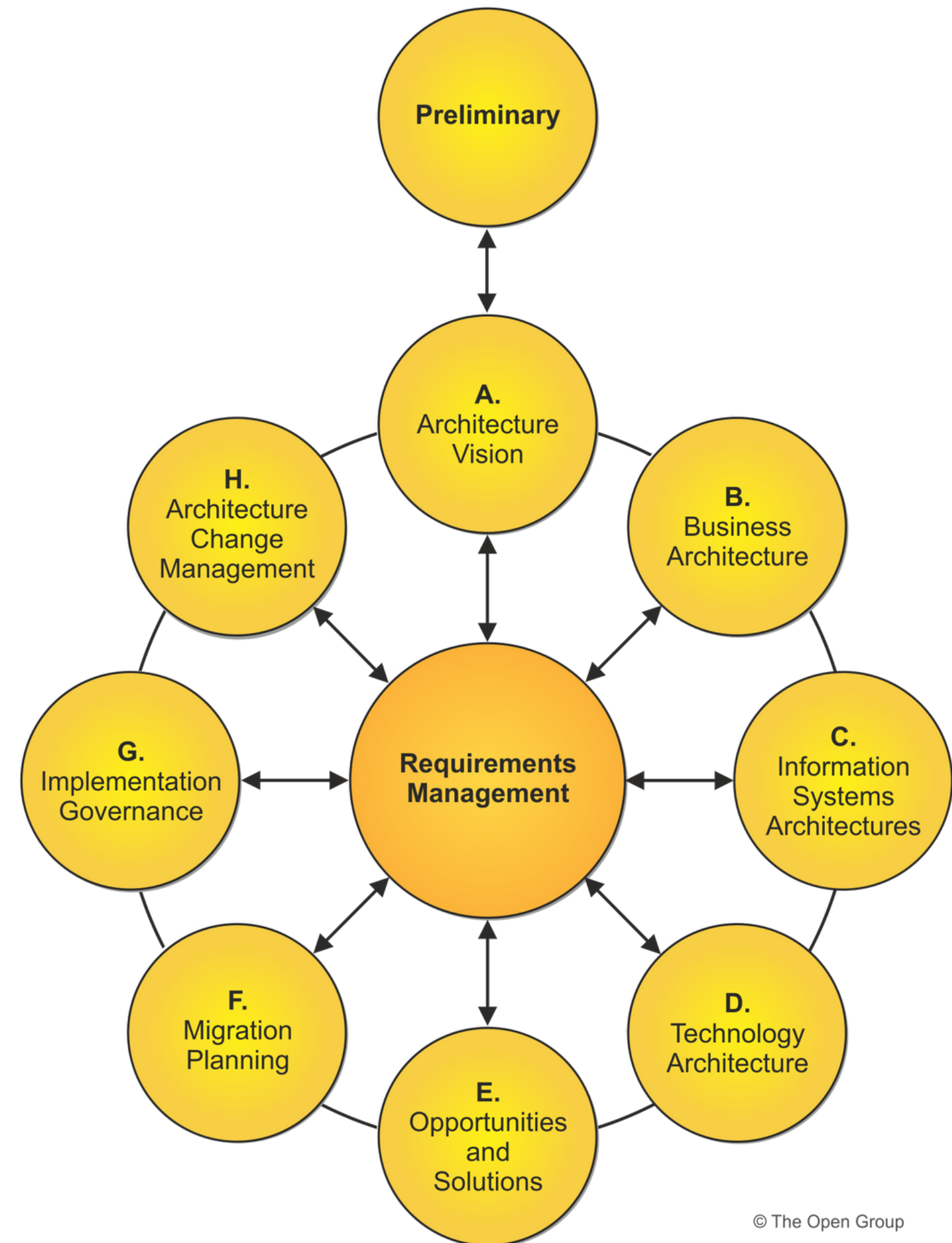
The Open Group Architecture Framework and are the tools and methodologies for assisting in the acceptance, production, use and maintenance of enterprise architectures



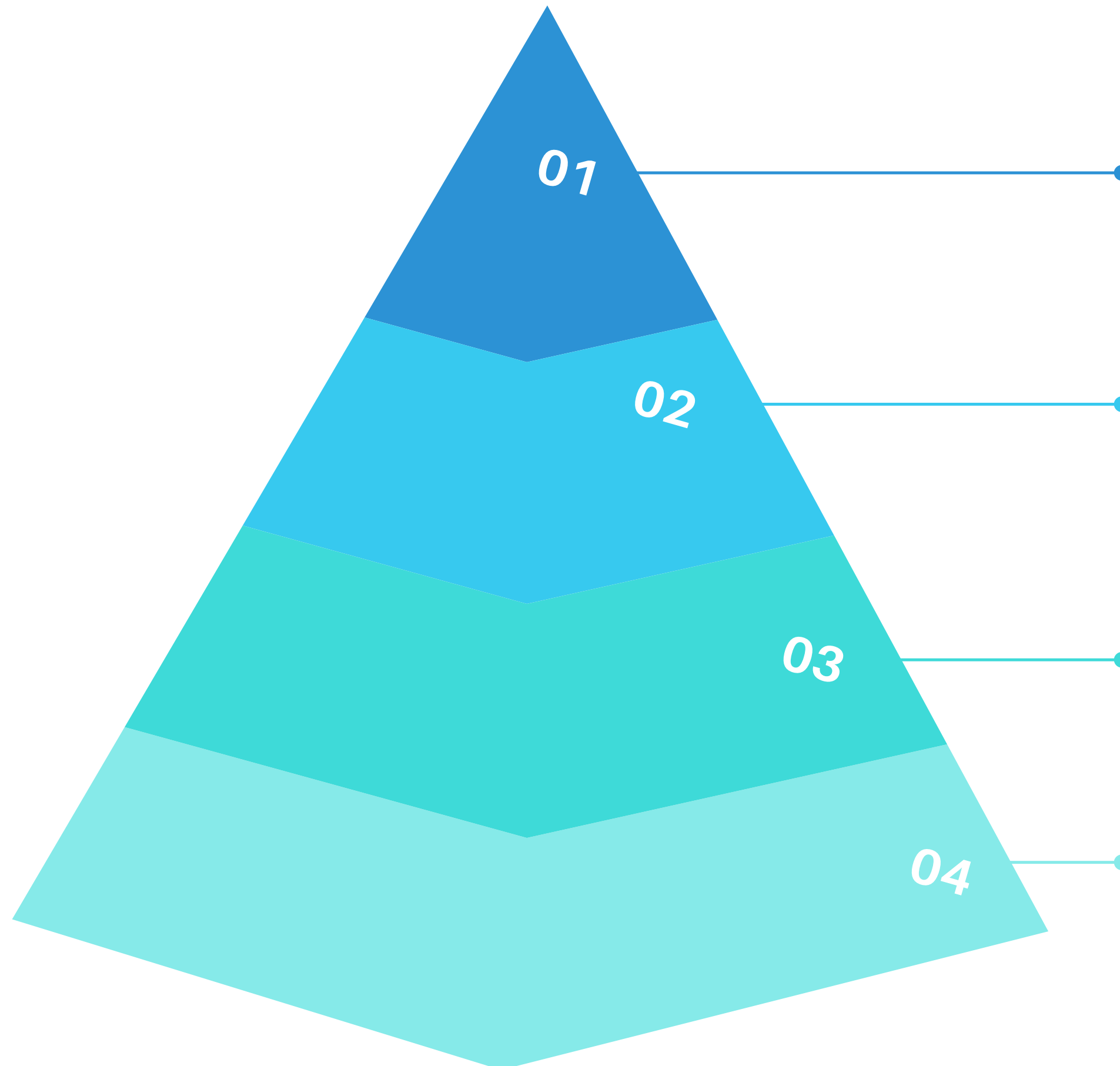


# TOGAF: Architecture Development Method

Repeatable process for developing enterprise architectures



# ARCHITECTURE DOMAINS



## **BUSINESS**

Business strategy, governance, organization and key business processes

## **DATA**

Logical and physical data assets and data management processes

## **APPLICATION**

Individual applications and their relationships with core business processes they intend to support

## **TECHNOLOGY**

Hardware and software capabilities needed to support the business, data and applications.





# TOGAF Security?

Often considered to be part of the model but a separate discipline that is present across all domains.





# TOGAF Security Processes

- Information Security Management (ISM) (ISO/IEC 27001:2103)
- Enterprise Risk Management (ERM) (ISO 31000:2009 Risk Management principles and guidelines)





# ISM

This is the process through which security objectives are established, risk ownership is assigned, security controls are implemented and reported on to reduce information risk and security incidents are handled effectively.





# ISM

TOGAF uses a risk-based approach for maintaining the security of information systems and managing risks.





# ERM

Risk is defined as the effect that uncertainty has on the achievement of business objectives and can either be positive (beneficial outcome) or negative (threats and losses)

