

The logo for GlobalLogic, featuring the company name in a white, sans-serif font with a registered trademark symbol (®) to the upper right of the word "Logic". The logo is centered on a dark blue background that has a faint, repeating pattern of light blue circular icons containing various symbols like 'X', 'Y', and 'Z'.

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# SDLC Stages and Models

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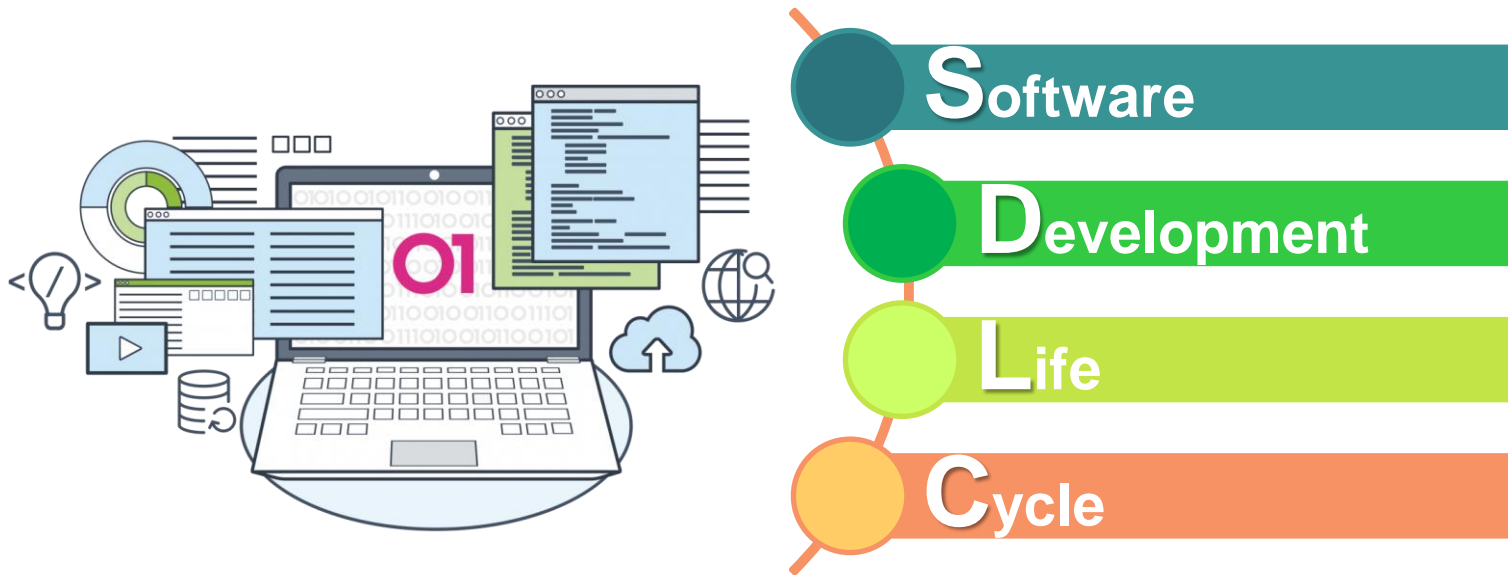
January, 2020

# Agenda

1. What is SDLC?
2. SDLC stages
3. Processes of each stage
4. SDLC models
5. Pros & Cons of the models
6. Q&A

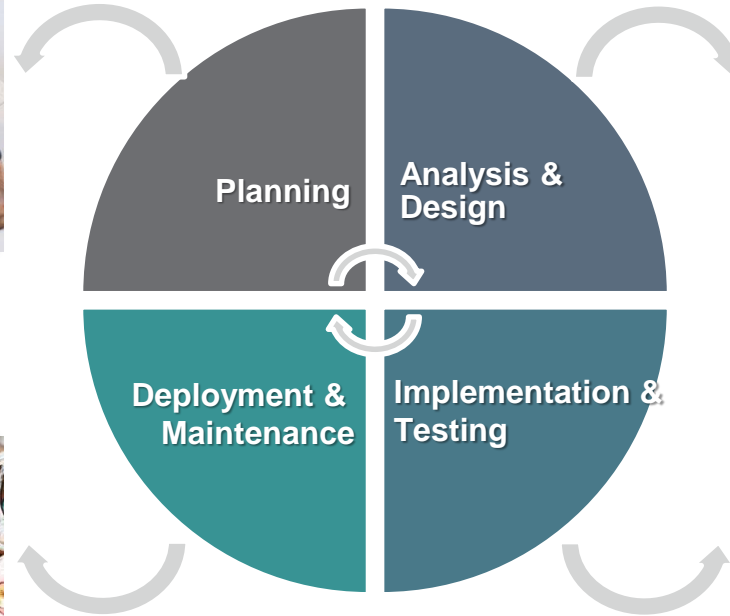


# Wat is SDLC?



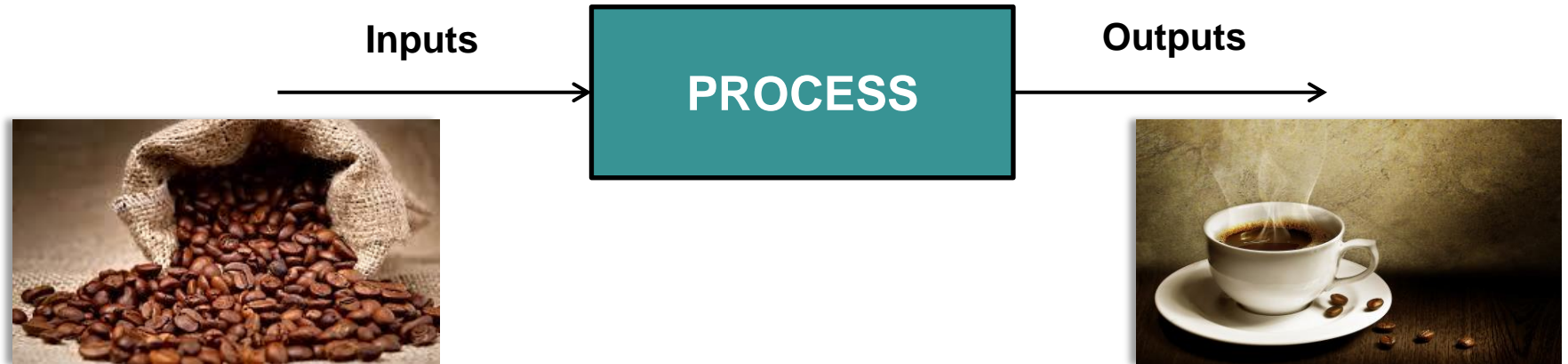
## Життєвий цикл розробки програмного забезпечення

# Software Development Life Cycle stages



# What is a process?

**Process** - set of interrelated or interacting activities that use inputs to deliver an intended result (ISO 9000:2015)



# Planning

- Scope definition
- Schedule definition
- Cost planning
- Stakeholders identifying
- Planning communication management
- Planning business analysis governance
- Business analysis information management
- Project documents creation



# Analysis & Design

- Requirements elicitation
- Requirements analysis
- Modeling
- Requirements negotiation
- Requirements specification
- Prototyping and Design
- Requirements prioritization





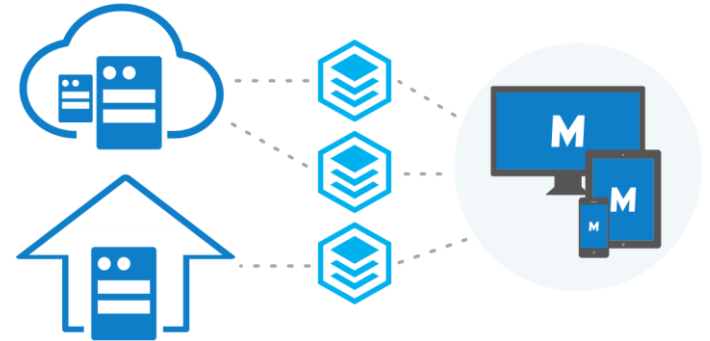
# Implementation & Testing

- Platform definition
- Backlog items estimation
- Development
- Stick to the schedule
- Code review
- Test cases design
- Testing
- Report test results

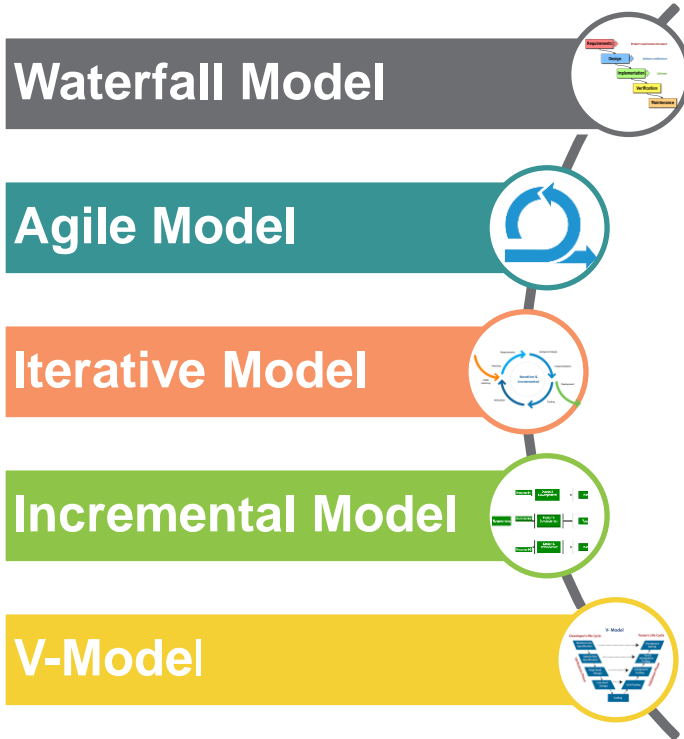


# Deployment & Maintenance

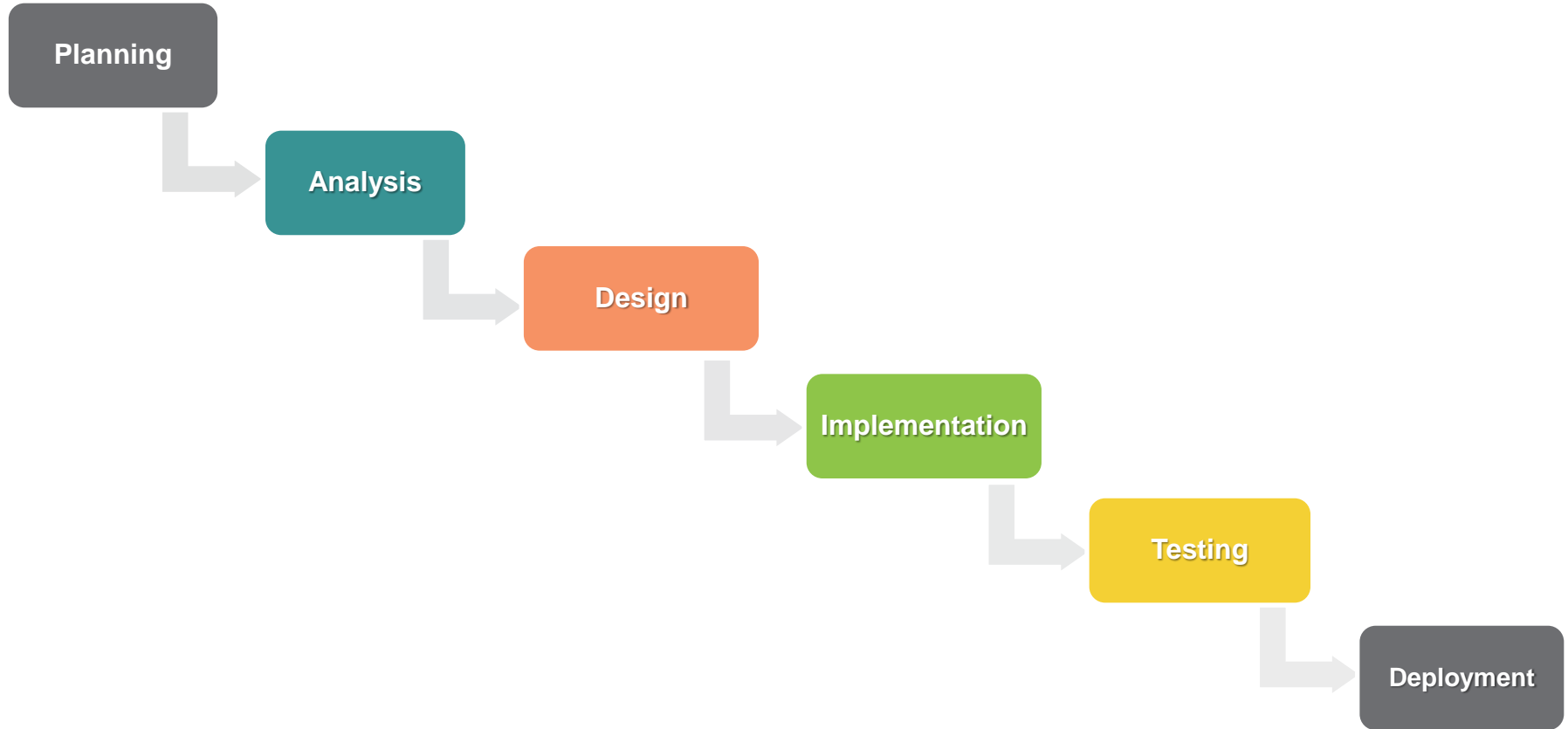
- Code integration
- Final testing
- Product demo session conduction
- Release documents creation
- End users training
- Project support



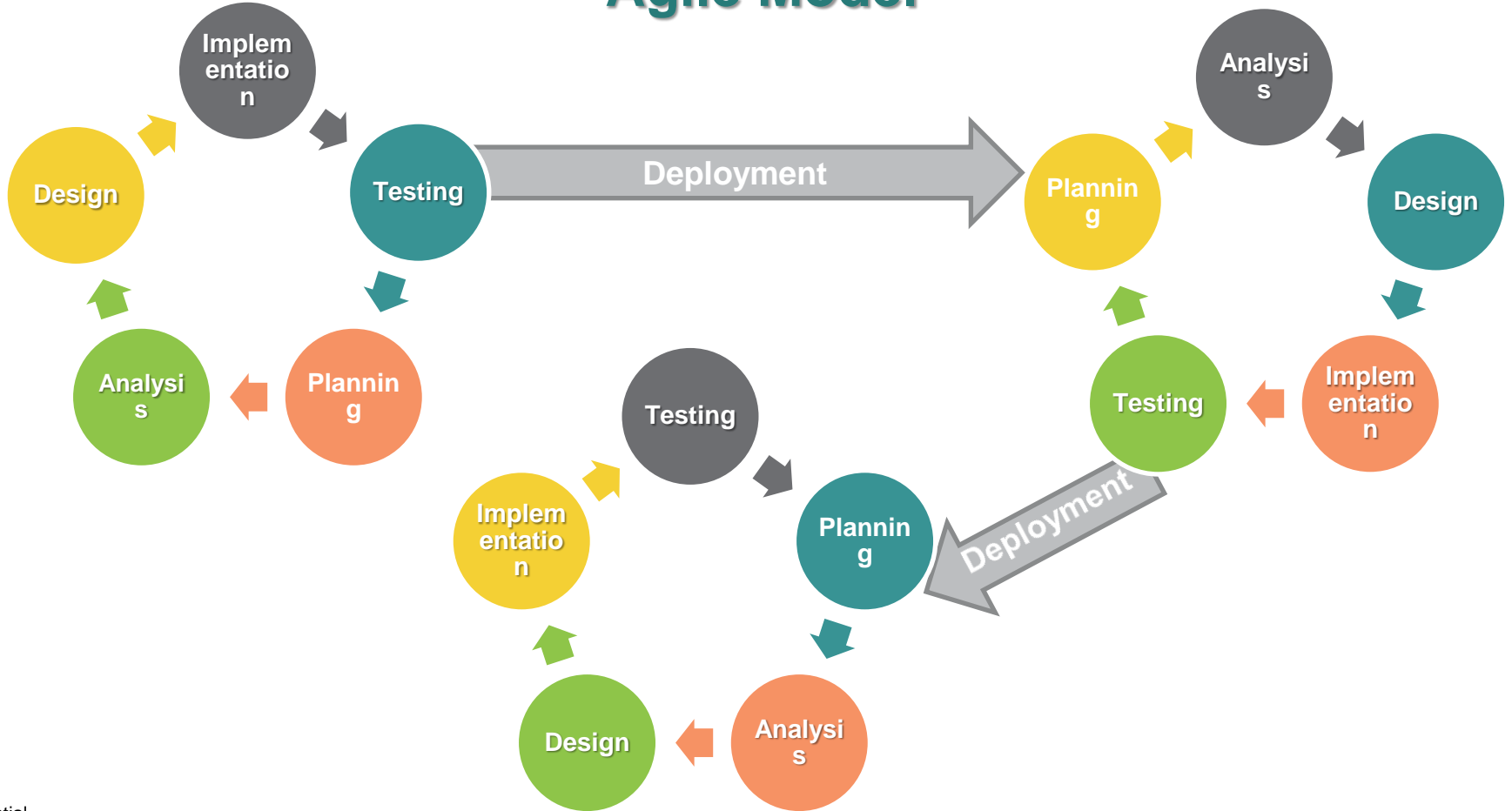
# SDLC models



# Waterfall Model



# Agile Model



# Scrum framework



Thank you

# Questions & Answers