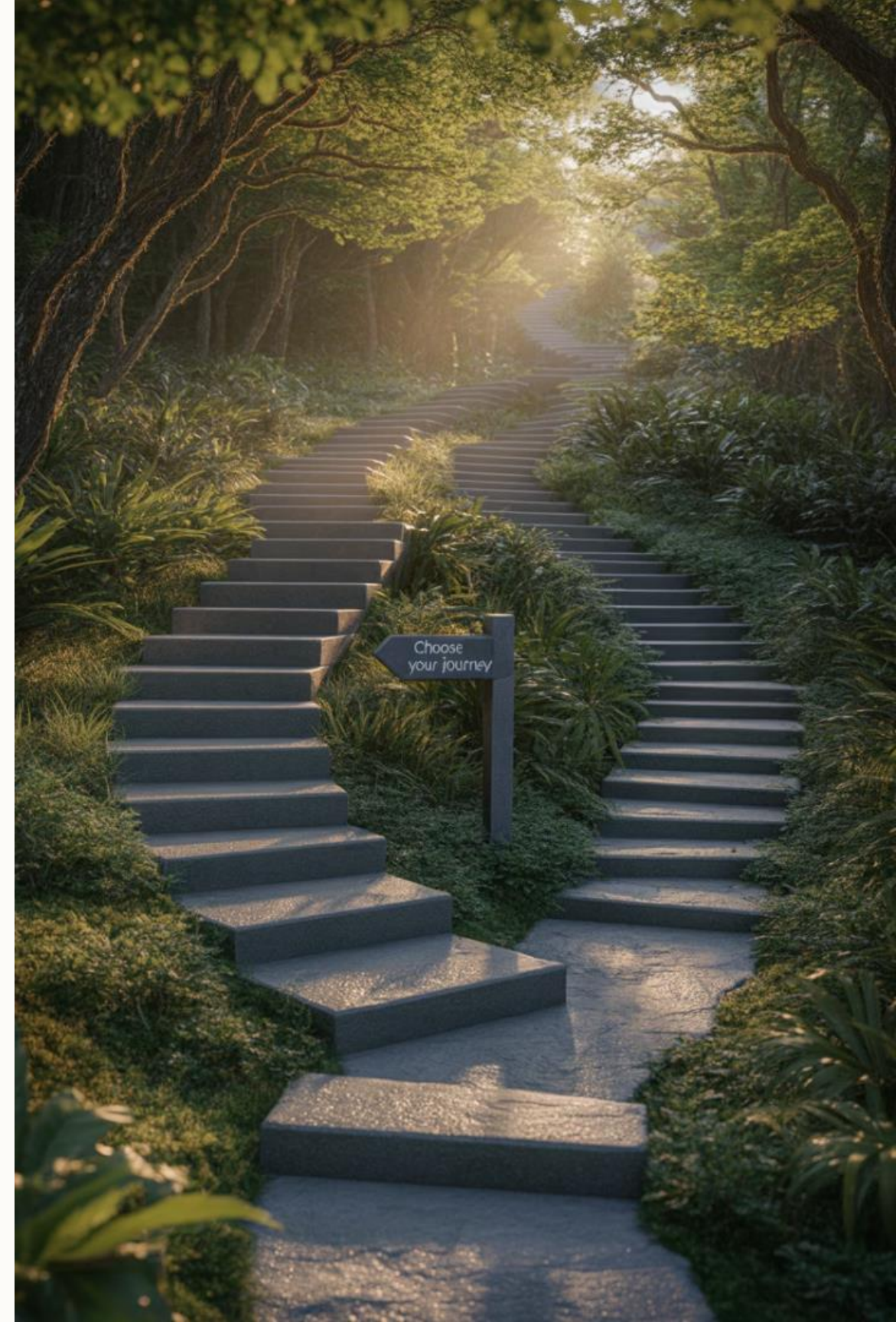


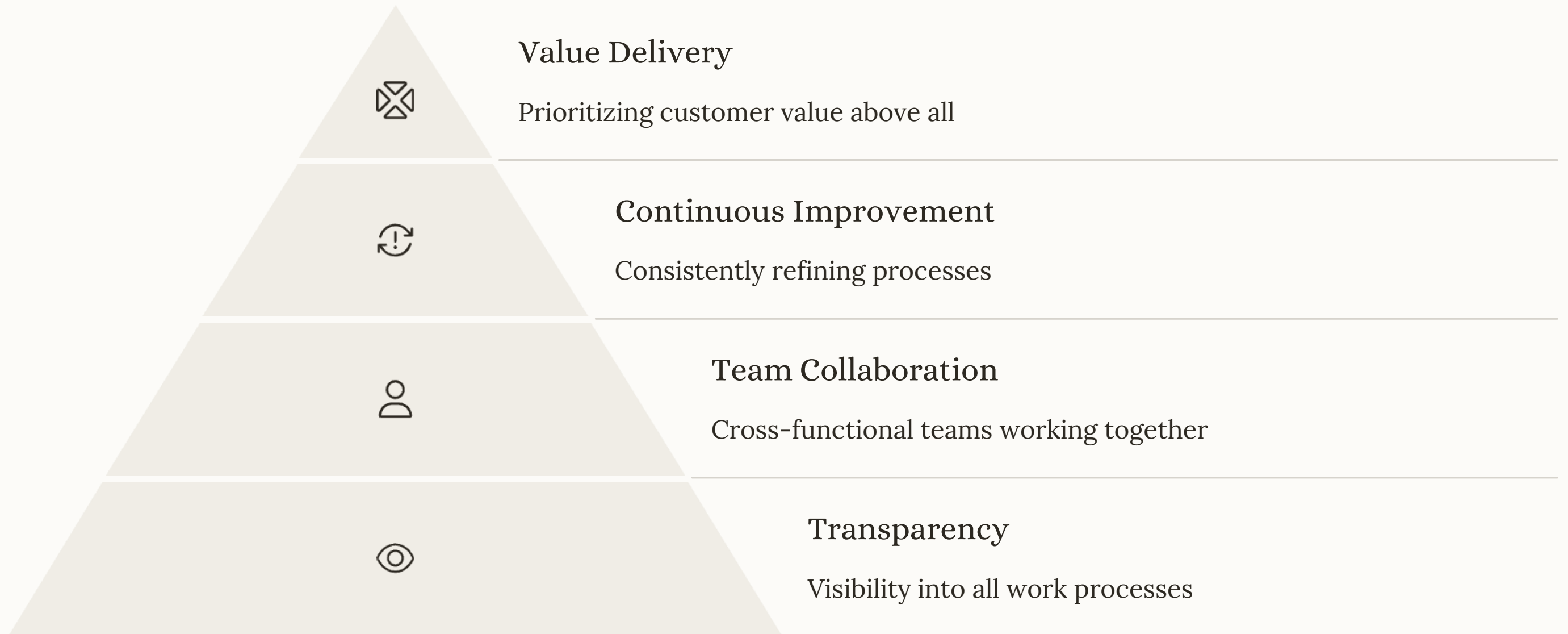
Kanban vs. Scrum: Choosing the Right Agile Path

In today's fast-paced project environments, choosing the right Agile methodology is crucial for success. This presentation explores the key differences between Scrum and Kanban frameworks.

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Agile Fundamentals



Both Scrum and Kanban share these core Agile principles. They differ in how they implement these fundamentals.

Scrum Framework Overview

Defined Roles

Scrum Master, Product Owner, and Development Team work together with clear responsibilities.

Time-Boxed Iterations

Work organized into sprints, typically 2-4 weeks long with fixed commitments.

Structured Ceremonies

Sprint Planning, Daily Stand-ups, Sprint Reviews, and Retrospectives provide rhythm.

Scrum provides a structured framework with clear boundaries and expectations.



Kanban Framework Overview



Visualize Work

Make all work visible on a Kanban board



Limit WIP

Restrict work in progress to improve flow



Manage Flow

Optimize for smooth delivery of items



Improve Continuously

Use metrics to guide incremental changes

Kanban emphasizes visualizing workflow and optimizing the flow of work items.



Head-to-Head Comparison

Feature	Scrum	Kanban
Iterations	Fixed sprints (2-4 weeks)	Continuous flow
Roles	3 defined roles	No mandatory roles
Commitments	Sprint backlog is fixed	Can change priorities anytime
Metrics	Velocity, burndown charts	Lead time, cycle time, throughput
Changes	Not during sprint	Anytime

These differences highlight how each framework handles work management, roles, and flexibility.

When to Choose Scrum



New Product Development

When building products with defined releases and features.



Teams Needing Structure

For teams that benefit from clear roles and responsibilities.



Predictable Delivery Cycles

When stakeholders need regular, predictable delivery windows.



Cross-Functional Teams

When a team has all skills needed to deliver end-to-end.

Scrum provides the framework needed for complex product development with many unknowns.



When to Choose Kanban



Support & Operations

For teams handling incoming requests with varying priorities.



Unpredictable Work

When work items and priorities change frequently.



Process Improvement Focus

For teams focused on optimizing workflow and reducing bottlenecks.



Specialized Teams

When work requires handoffs between specialized teams.

Kanban excels in environments where flow is more important than iteration boundaries.



Scrumban: The Hybrid Approach

Time-Boxed Planning
Retain sprint-like planning cadence

Team Roles
Maintain some Scrum roles as needed



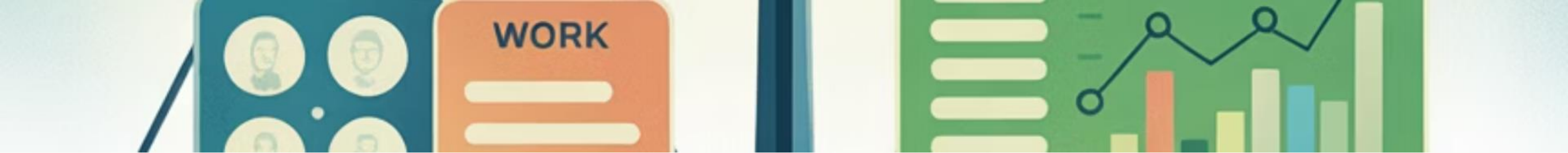
Visualized Workflow

Use Kanban-style board with columns

WIP Limits

Apply work-in-progress constraints

Scrumban combines the structure of Scrum with the flow optimization of Kanban.



Decision Factors

Team Factors

- Team size and composition
- Experience with Agile
- Need for defined roles
- Collaboration maturity

Project Factors

- Scope stability
- Timeline constraints
- Delivery expectations
- Stakeholder involvement

Work Factors

- Work predictability
- Task interdependencies
- Required planning horizon
- Change frequency

Consider these factors when determining which framework will work best.



Implementation Roadmap



Assessment

Evaluate team and project characteristics against framework requirements.

- Analyze work patterns
- Assess team readiness
- Review stakeholder needs



Preparation

Set up tools, train the team, and establish initial processes.

- Configure task boards
- Define workflow states
- Establish metrics baselines

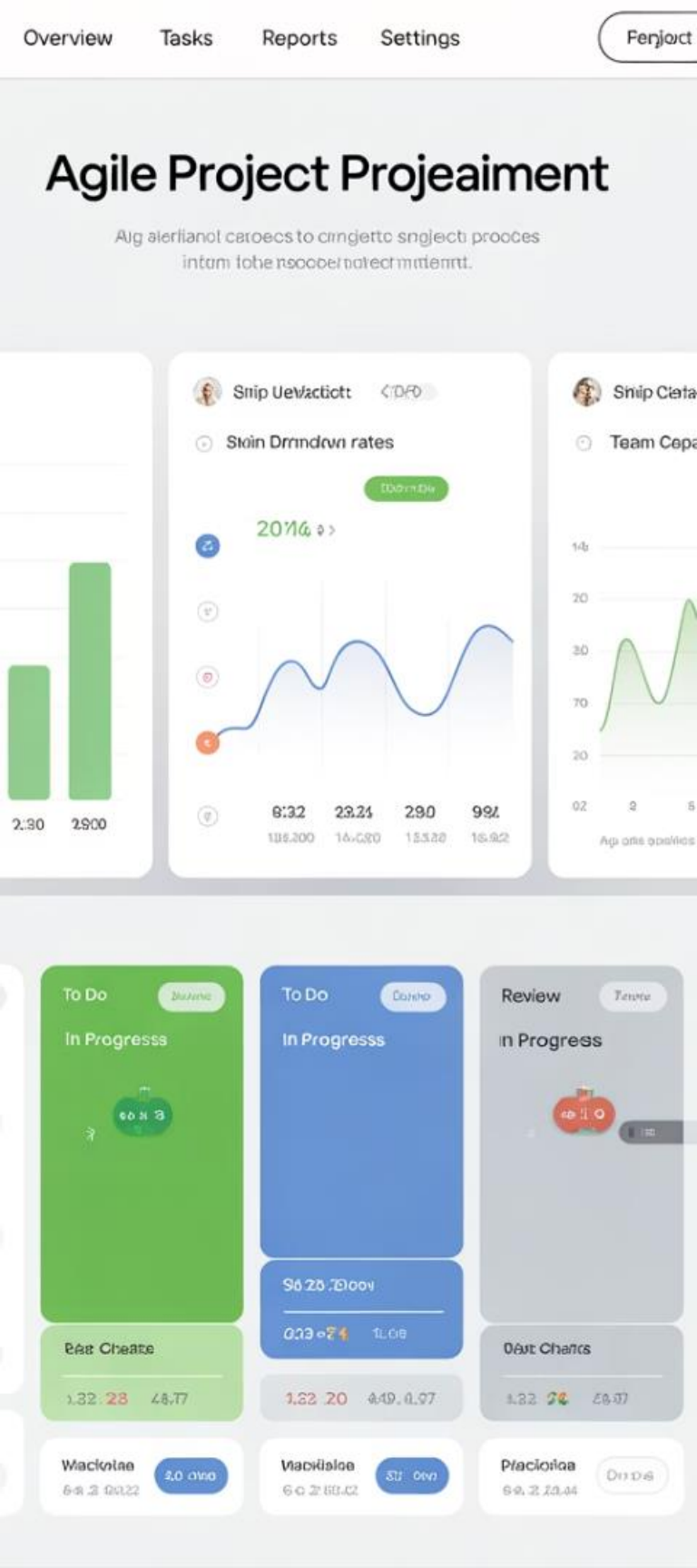


Implementation

Begin using the selected framework with close monitoring and support.

- Start with basic practices
- Review progress frequently
- Adjust based on feedback

A thoughtful implementation plan increases the likelihood of a successful transition.



Measuring Success

20%

Faster Delivery

Average cycle time reduction after proper implementation

35%

Quality Improvement

Reduction in defects and rework

40%

Team Satisfaction

Increase in team engagement scores

25%

Stakeholder Value

Improvement in customer satisfaction

Track these metrics to ensure your chosen framework is delivering the expected benefits.

Key Takeaways



No Single "Best" Framework

Choose based on your specific needs, not popularity or trends.



Focus on Principles

Remember the Agile values that underpin both frameworks.

The right Agile path depends on your unique context. Start with your project and team needs, then choose the framework that best supports them.



Adapt and Evolve

Be prepared to modify your approach as team and project needs change.



Measure Outcomes

Track metrics that matter to ensure the framework is working.

