Introduction on the Feasibility Study on Blockchain for Cross-Border Trade Facilitation in Mongolia

25 March 2025



As of 2022, blockchain technology has drawn the attention of several Customs Authorities around the world. 59% of the world Customs Authorities had initiated or plan to initiate blockchain projects.



19% implementing proof of concepts

14% implementing pilot projects

2% full deployment

24% plan within next 3 years

Source: WCO / WTO



Blockchain Benefits

Survey with Customs Authorities

Stage One

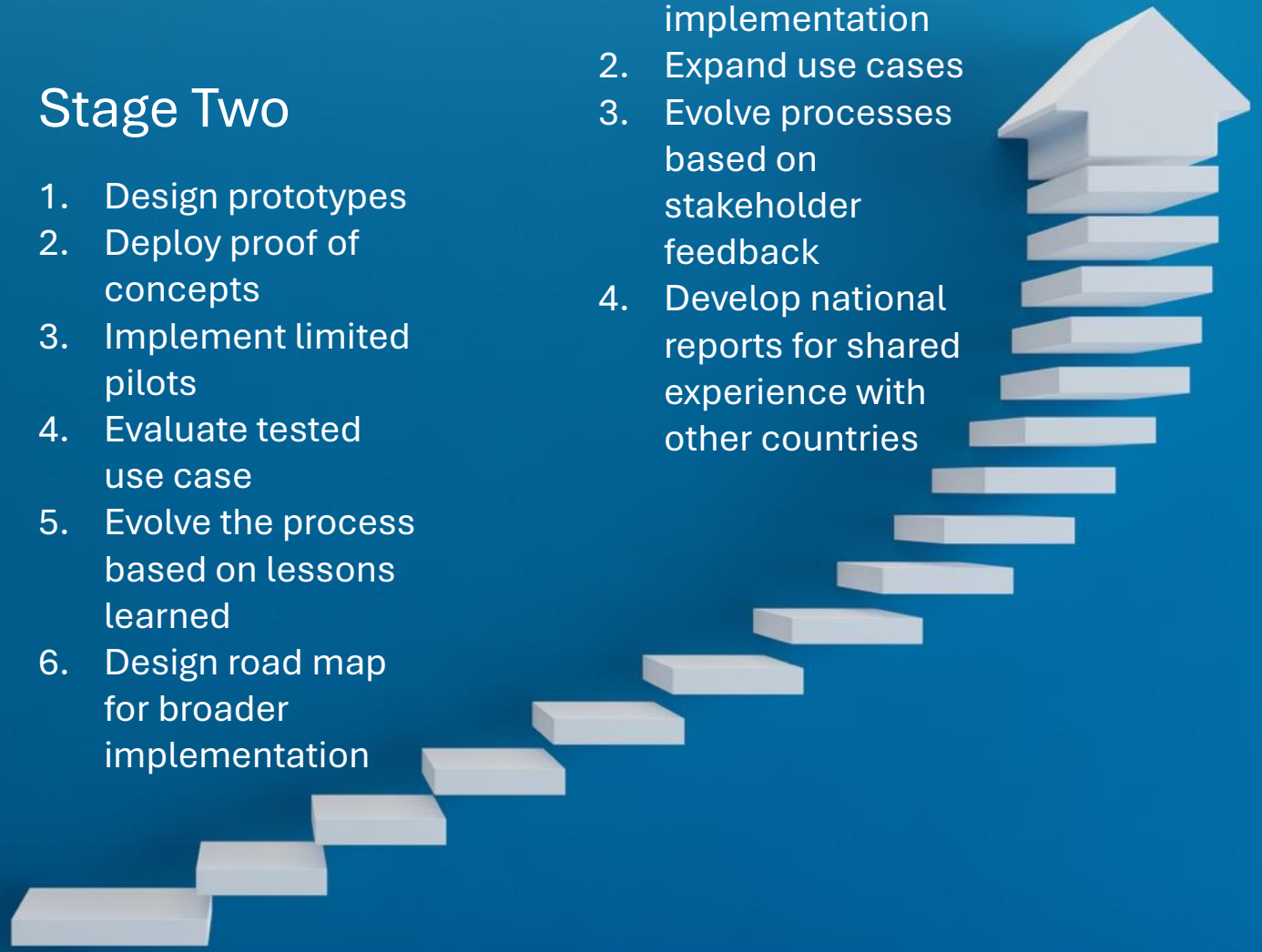
1. Identify use cases of blockchain based on needs assessment and feasibility studies
2. Develop an implementation strategy

Stage Two

1. Design prototypes
2. Deploy proof of concepts
3. Implement limited pilots
4. Evaluate tested use case
5. Evolve the process based on lessons learned
6. Design road map for broader implementation

Stage Three

1. Scale up implementation
2. Expand use cases
3. Evolve processes based on stakeholder feedback
4. Develop national reports for shared experience with other countries



Adoption Curve on Blockchain

Source: UNCTAD

Adoption Curve on Blockchain

To conduct a feasibility study by stocktaking and assessing the needs and priorities of the stakeholders. Building upon the analysis, a feasible roadmap on how to adopt and use of blockchain for trade facilitation will be developed.

Stage One

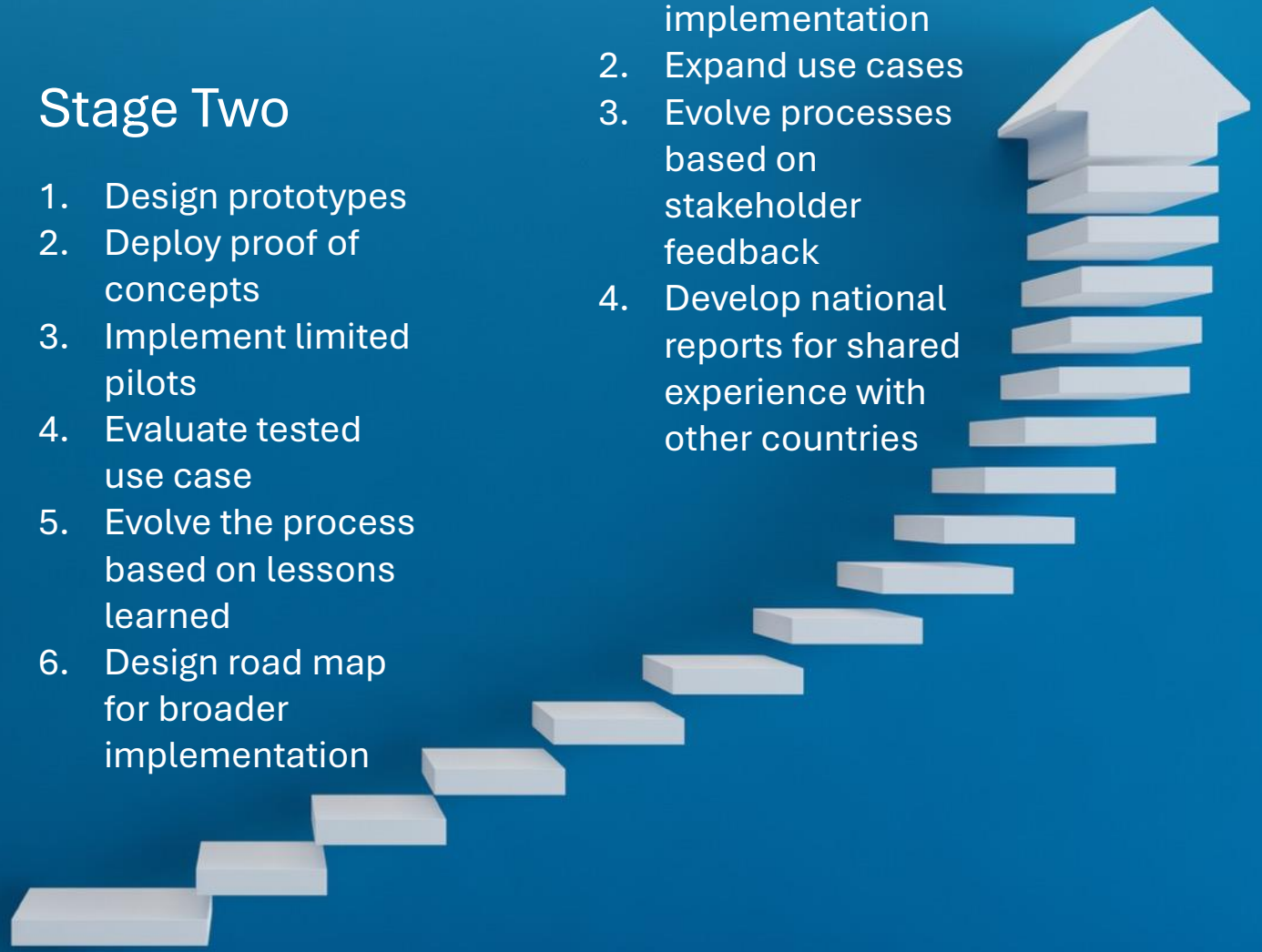
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Source: UNCTAD

Scope of Feasibility Study

1. Identifying Use Cases
2. Technical Feasibility
3. Operational & Financial Feasibility
4. Legal & Regulatory Compliance

Schedule & Milestones



1

26 – 28 March

Project Introduction

Initial data gathering through interviews.

2

April - May

Data Gathering

Detail data gathering through remote communication.

3

June

Report Preparation

Preparation of Feasibility Study report.

4

September

Final Presentation

Presentation and recommendation on Feasibility Study report.

Thank You

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