

The 7th Greenhouse Gas Inventory System Training Workshop



National Data Governance for BTRs: Institutional Frameworks and Challenges

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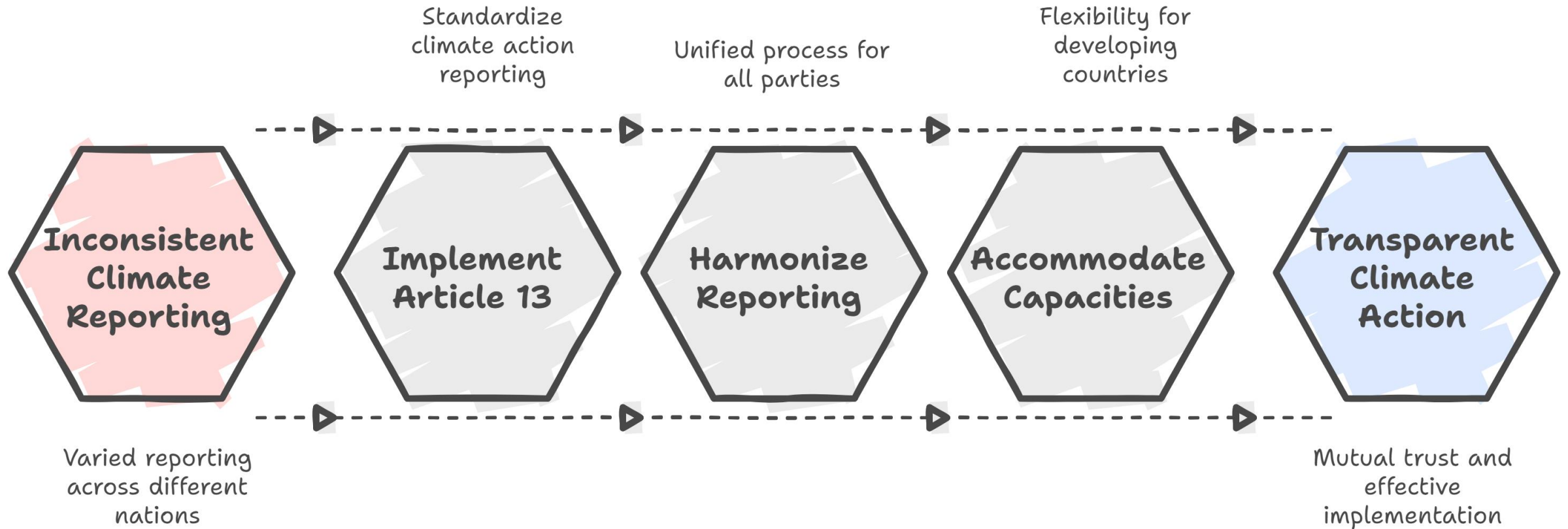


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The Imperative of Transparency: BTRs and the Role of Data Governance

Implementing the Enhanced Transparency Framework



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Each Party **should** implement and maintain national inventory arrangements....

- national inventory arrangements can vary by Party depending on their national circumstances and change over time.

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Each Party **shall** report on the following functions related to inventory planning, preparation and management:

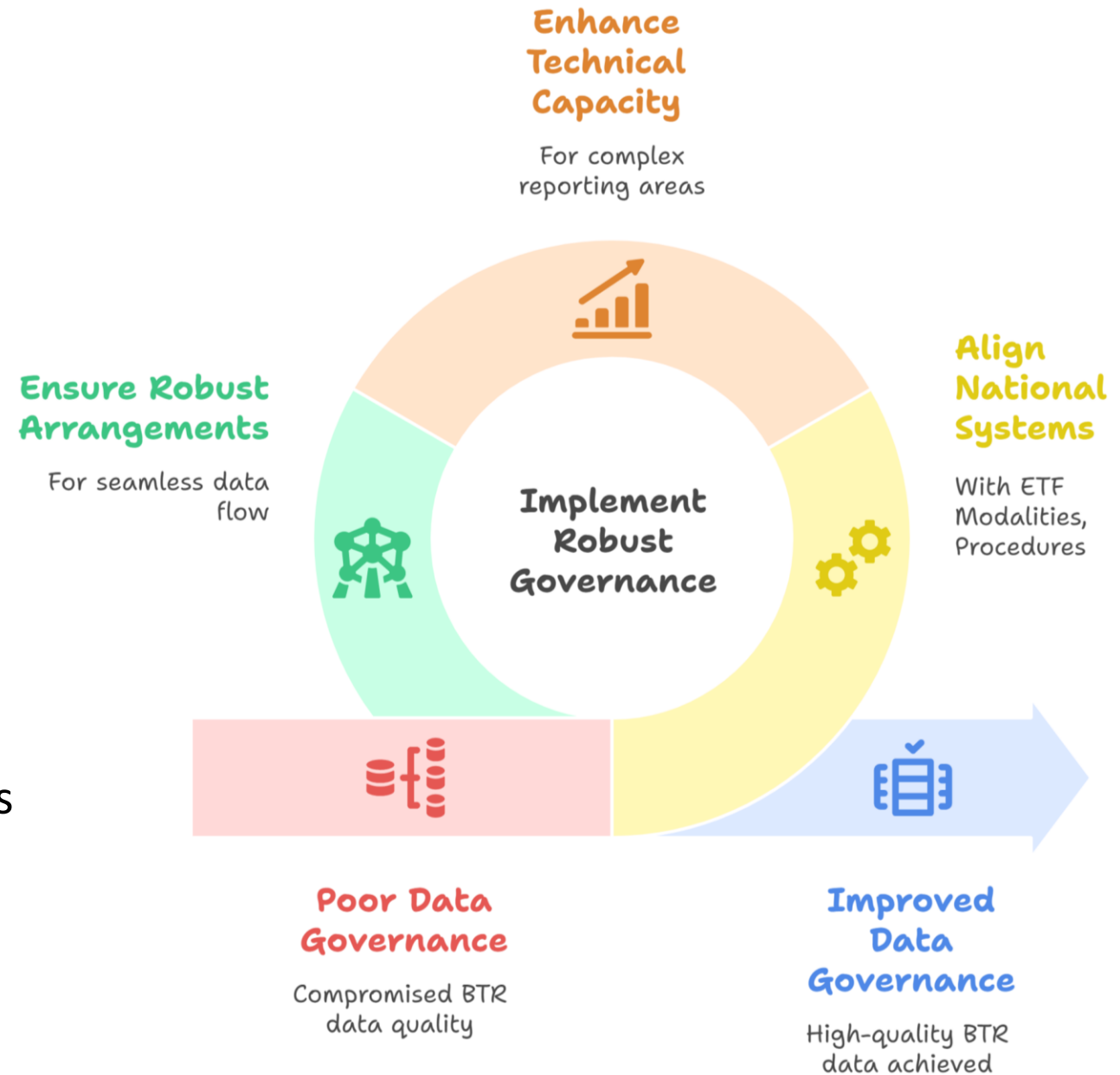
- Its national entity or national focal point **with overall responsibility** for the national inventory;
- Its **inventory preparation process**, including division of specific responsibilities of institutions participating in the inventory preparation...
- Its archiving of all information for the reported time series, including all disaggregated emission factors and activity data, all documentation about generating and aggregating data, including quality assurance/quality control (QA/QC), review results and planned inventory improvements;
- Its processes for the **official consideration and approval of the inventory**.

The Imperative of Transparency: BTRs and the Role of Data Governance

What is Data Governance? Defining the policies, procedures, and institutional arrangements for managing data assets to ensure their availability, usability, integrity, and security.

Why Data Governance for BTRs?

- Ensures the quality and integrity of underlying data
- Addresses potential data gaps
- Enhances technical capacity for complex reporting
- Ensures robust institutional arrangements for seamless data flow and governance



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TACCC: The Cornerstones of Credible BTR Data

- The foundational principles of Transparency, Accuracy, Consistency, Comparability, and Completeness (TACCC) are paramount for all reported data.
- Adherence to these principles directly ensures the credibility of reports and facilitates an effective and facilitative technical review process.

Credible BTR Data Principles

Completeness

All relevant data and information must be included.



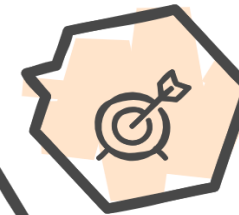
Transparency

Clearly explain all assumptions and methodologies used.



Comparability

Allows for meaningful comparisons across countries and time.



Accuracy

Data should be precise, unbiased, and free from error.



Consistency

Methodologies and data must be coherent over time.

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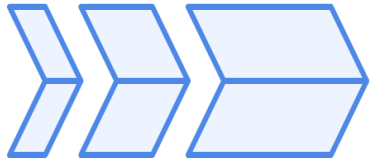


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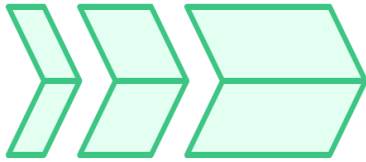
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Key Components of Effective Institutional Arrangements



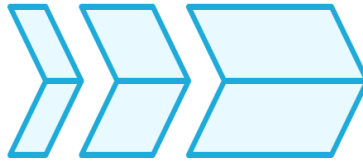
Identify Institutional Arrangements

Recognizing the need for structured frameworks



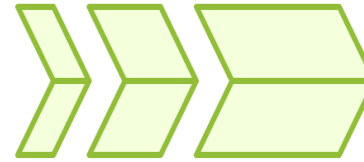
Design with ETF Evolution

Planning for continuous improvement in systems



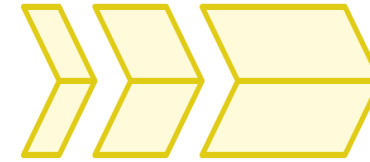
Establish National Coordination Entity

Creating a body for overall BTR process coordination



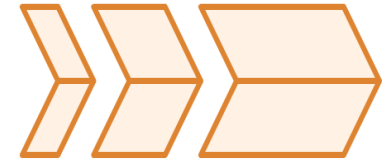
Form Steering Committees

Setting up high-level committees for strategic direction



Organize Technical Working Groups

Establishing sector-specific groups for data management



Engage Data Providers

Involving institutions and stakeholders for data supply

Institutional Arrangement Considerations

Capitalize on Datasets

Use existing datasets and collection processes. This creates synergies with SDG monitoring.



Cross-cutting nature

Managing data across transparency themes is important. This ensures a holistic approach to data governance.

Common Responsibilities

Define common roles for key stakeholders. This ensures effective collaboration and data provision.



Stakeholder Identification

Identify stakeholders and define their roles. This promotes clarity and accountability in data management.



Legal and Regulatory Frameworks

Conflict Resolution Mechanisms

Provides mechanisms for resolving conflicts and addressing challenges in data collection.



Institutional Roles and Responsibilities

Clearly defines the roles and responsibilities of institutions involved in the BTR process.



Legal and Regulatory Frameworks

Data Privacy and Transparency

Ensures compliance with data privacy while promoting transparency.

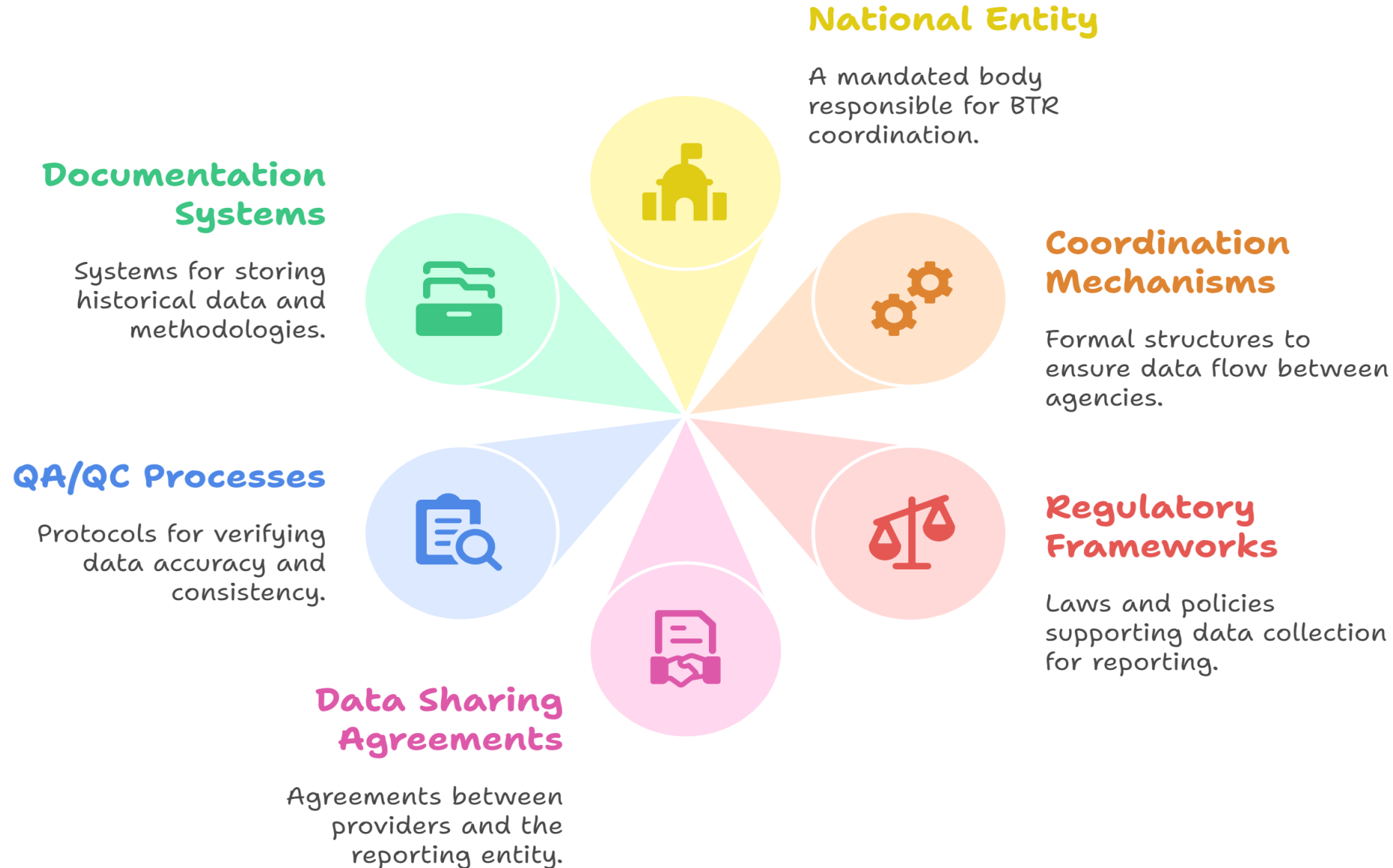


Data Sharing Agreements

Establishes protocols for data sharing between government agencies and stakeholders.



Key Institutional Elements



Navigating the Landscape: Common Data Challenges in Asia

Data-Related Challenges in Asia's ETF Transition

Data Acquisition and Availability

Difficulties in data acquisition pose a high impact challenge.

1



Technical and Methodological Complexities

Navigating complex data processing significantly impacts ETF transition.

2



Data Confidentiality

Balancing transparency with confidentiality has minimal complexity.

3



Data Quality and Consistency

Ensuring data quality involves complex but less impactful processes.

4



Navigating the Landscape: Common Data Challenges in Asia

Institutional and Capacity Challenges in Developing Countries

Technical Expertise but Institutional Weakness

Technical skills are present, but institutional frameworks are lacking.

1



Effective BTR Implementation

Strong institutions and technical expertise ensure successful BTR implementation.

2



Severe Capacity Deficiencies

Both institutional and technical capacities are severely deficient.

3



Institutional Strength but Technical Gaps

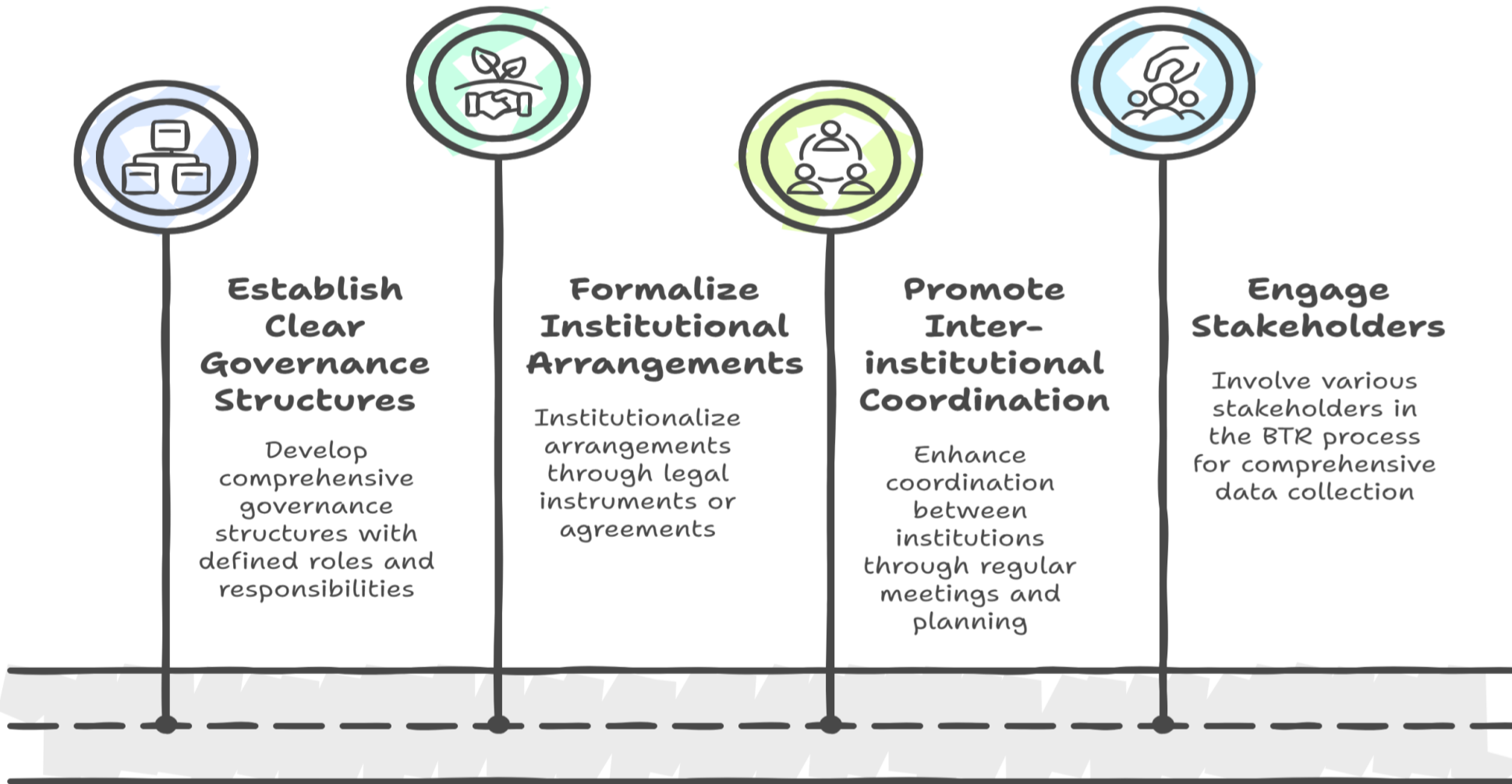
Institutions are robust, but technical expertise needs improvement.

4



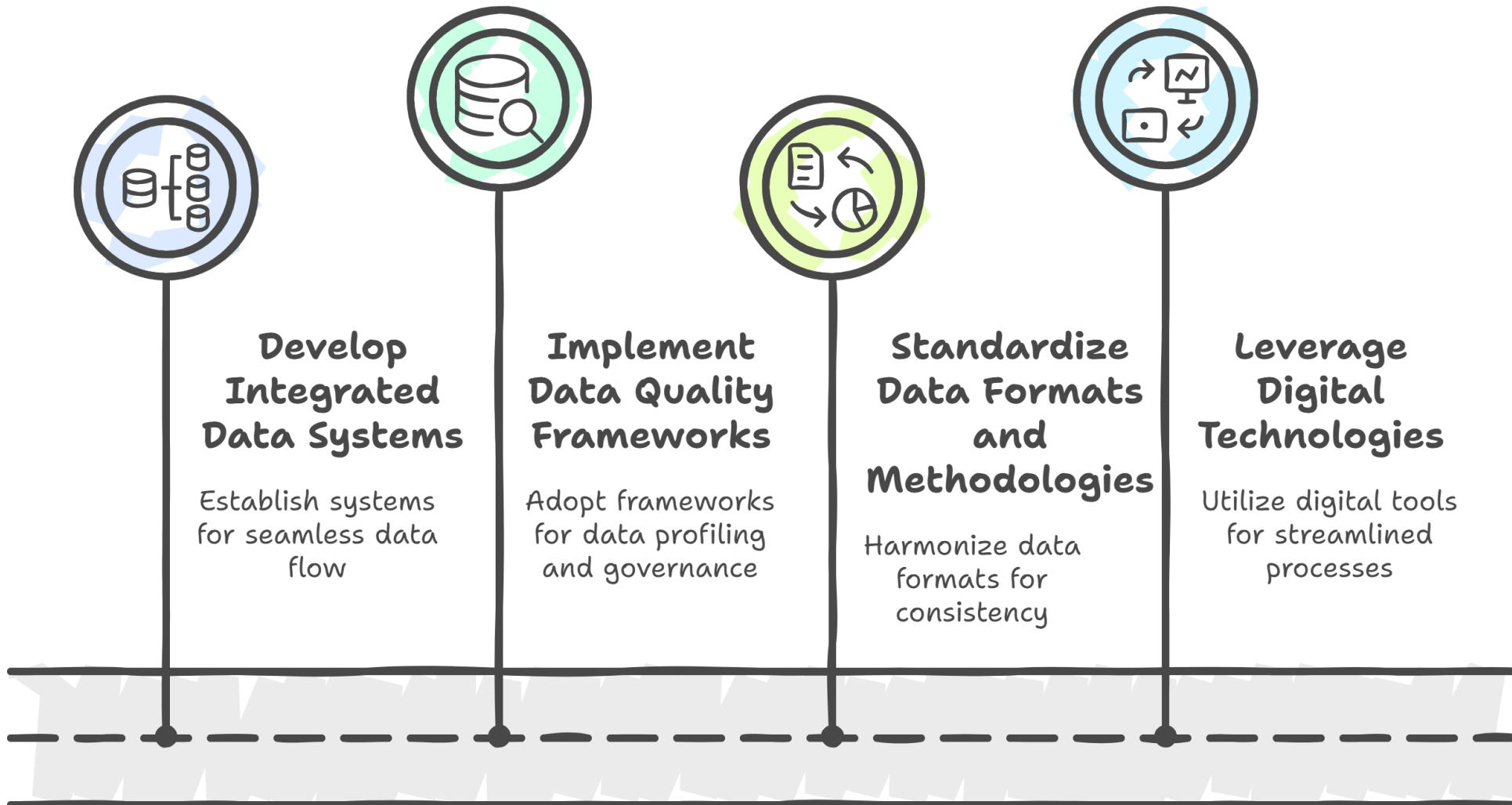
Recommendations for Strengthening Governance

Enhancing Institutional Frameworks for BTR Data Governance



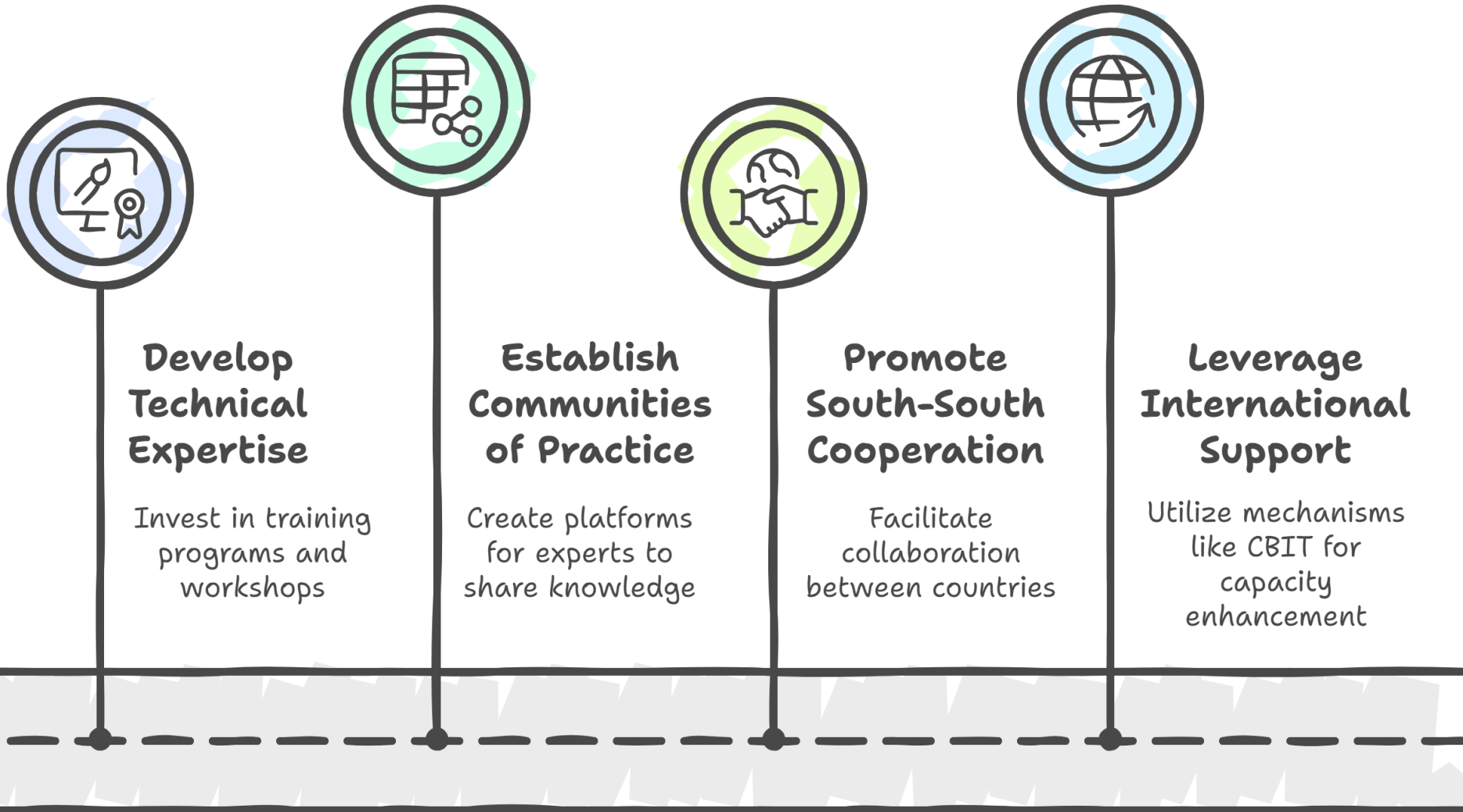
Recommendations for Strengthening Governance

Improving Data Management Systems



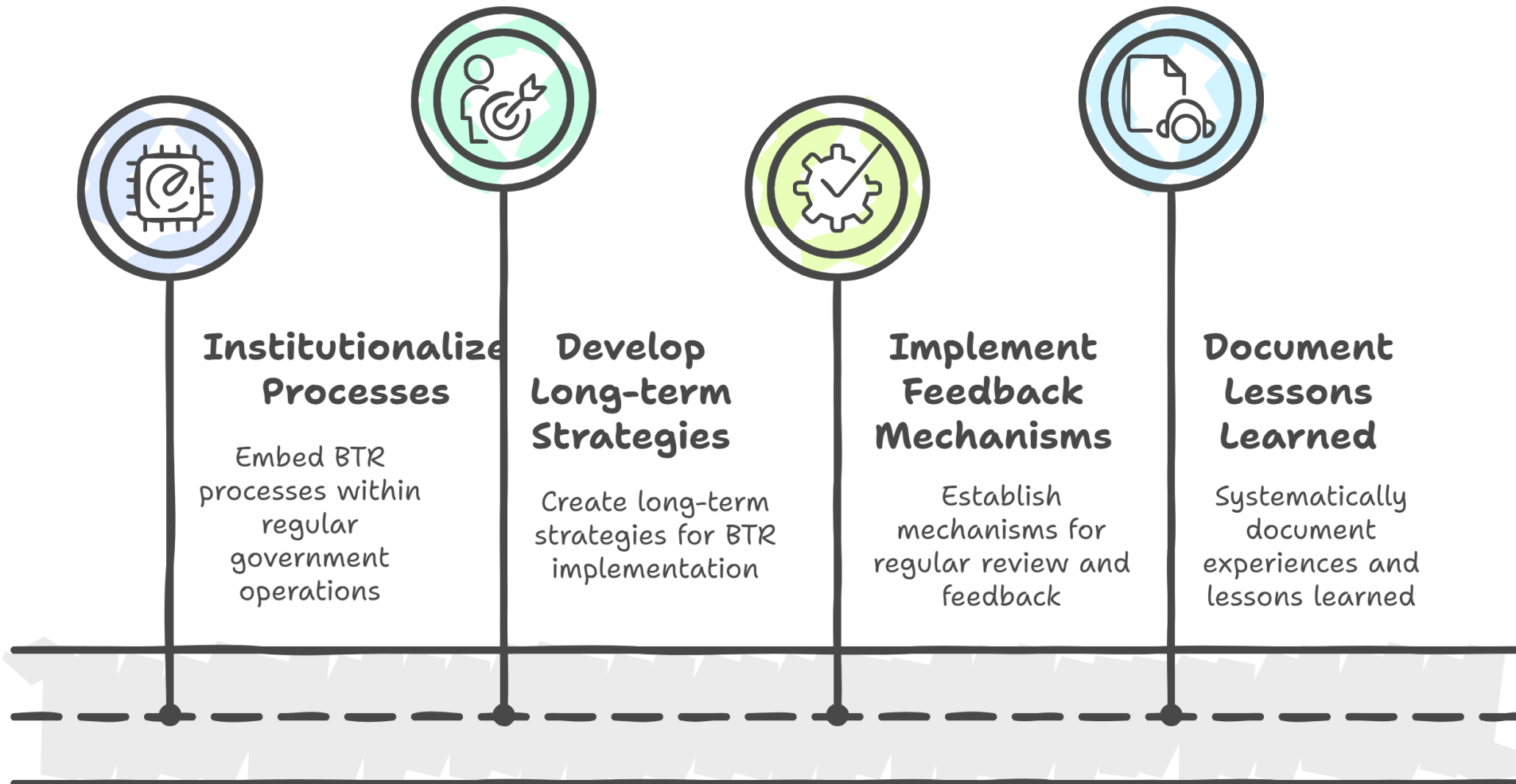
Recommendations for Strengthening Governance

Building Capacity for BTR Data Governance

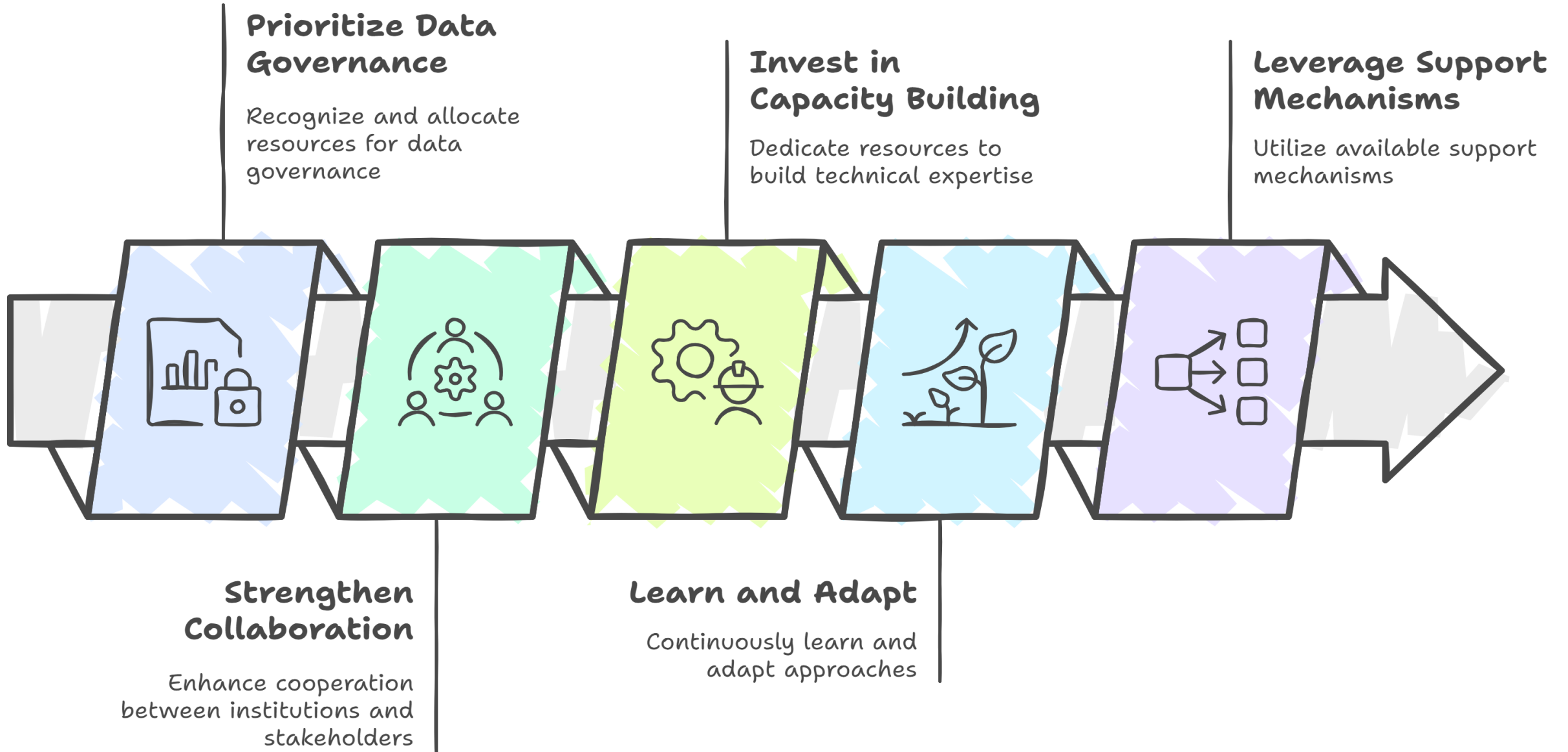


Recommendations for Strengthening Governance

Ensuring Sustainability and Continuous Improvement in BTR Data Governance



Towards a Transparent Future: Your Role in BTR Success



Thank you for your attention !

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Please reach out to us for any question, comments or suggestions!



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