WORLD BANK GROUP | KOREA GREEN GROWTH TRUST FUND | Ministry of Economy and Finance

Session 3.5

KGID 2025 Green Growth: The Path to Sustainable Jobs

*Results and Insights from KGGTF Grant:*

# Shared Data and AI Platforms: Foundations for Climate Action

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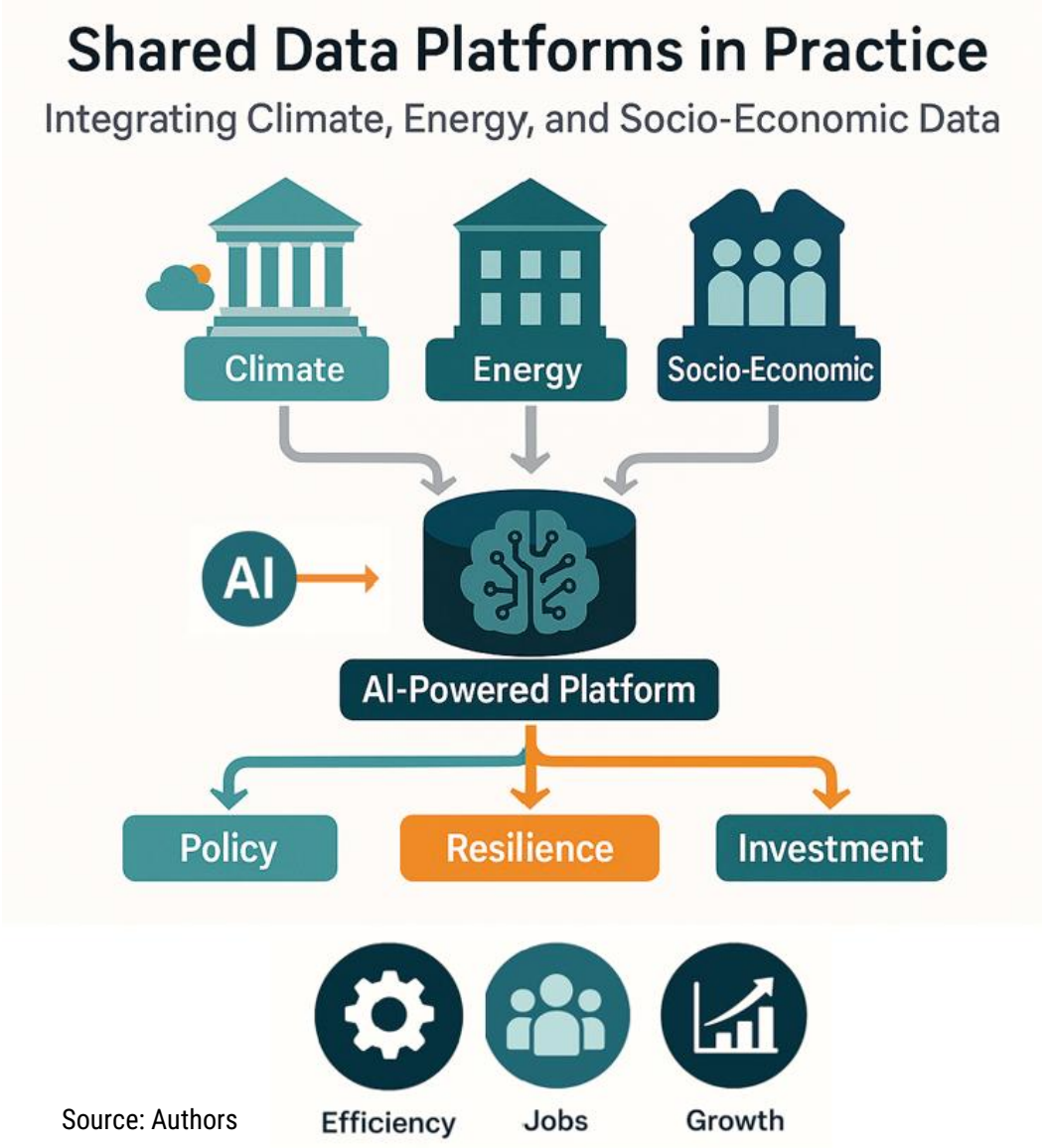
# From Climate Data Gaps to AI-Driven Action

- Only **8% of global climate data** is openly shared and machine-readable.
- Climate impacts cost developing countries **up to 5% of GDP annually**.
- Imagine turning every weather station, satellite image, and emissions record and more into **AI insights for resilience and growth**.




Source: Authors

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# Strengthening Data Sharing for AI-Enabled Climate Platforms

## Challenges with Data Sharing

- **Fragmented & inaccessible climate data**
- **Inadequate digital infrastructure** and institutional capacity
- **Governance challenges** & weak trust frameworks
- **Limited data quality** and standardization.

## Activity Components

- **Assess data-sharing governance** for AI-driven climate action.
- **Research global best practices** to guide platform interoperability.
- **Develop a diagnostic tool** with visual analytics to identify gaps and opportunities.
- **Deliver an action roadmap** with short-, medium-, and long-term priorities

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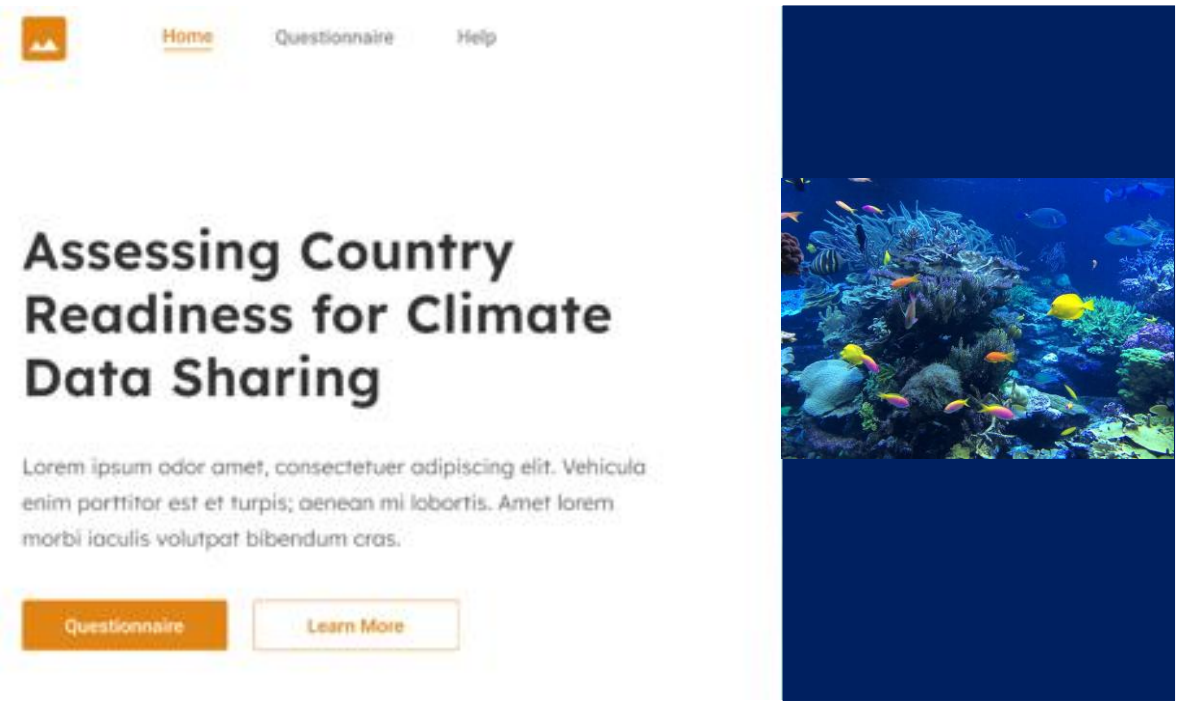
# Assessment Framework and Diagnostic Tool

- To develop a **diagnostic tool** that asks a series of questions, provides results through a score, visualizations, recommendations and reporting to understand holistically a country's readiness to develop a **data sharing platform for Climate action**.

- Six categories for questions:
  - Governance
  - Data availability, standards and quality
  - Institutional capacity
  - Digital infrastructure
  - Technology and tools
  - Stakeholder engagement

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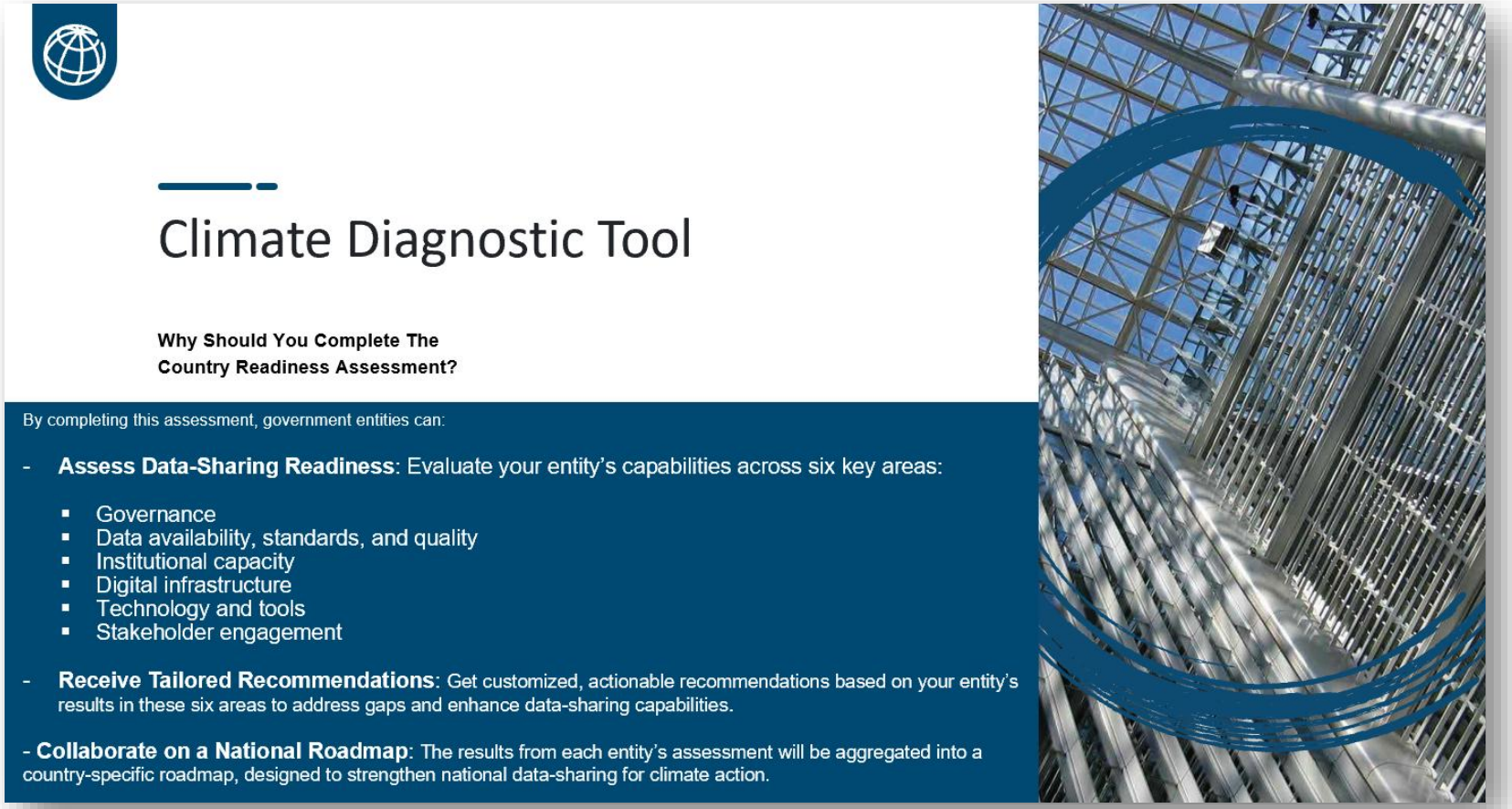
# Scaling Impact Globally:
## From Pilot to Platform for Sustainable Jobs

**Climate Diagnostic Tool** and AI platforms are digital public goods for climate and economic resilience.

Scaling this approach will:

- Accelerate climate-smart investments and job creation.
- Strengthen data-driven policy ecosystems.
- Support resilient infrastructure planning.




Through KGGTF support, the World Bank is helping countries build the digital foundations for green, inclusive growth

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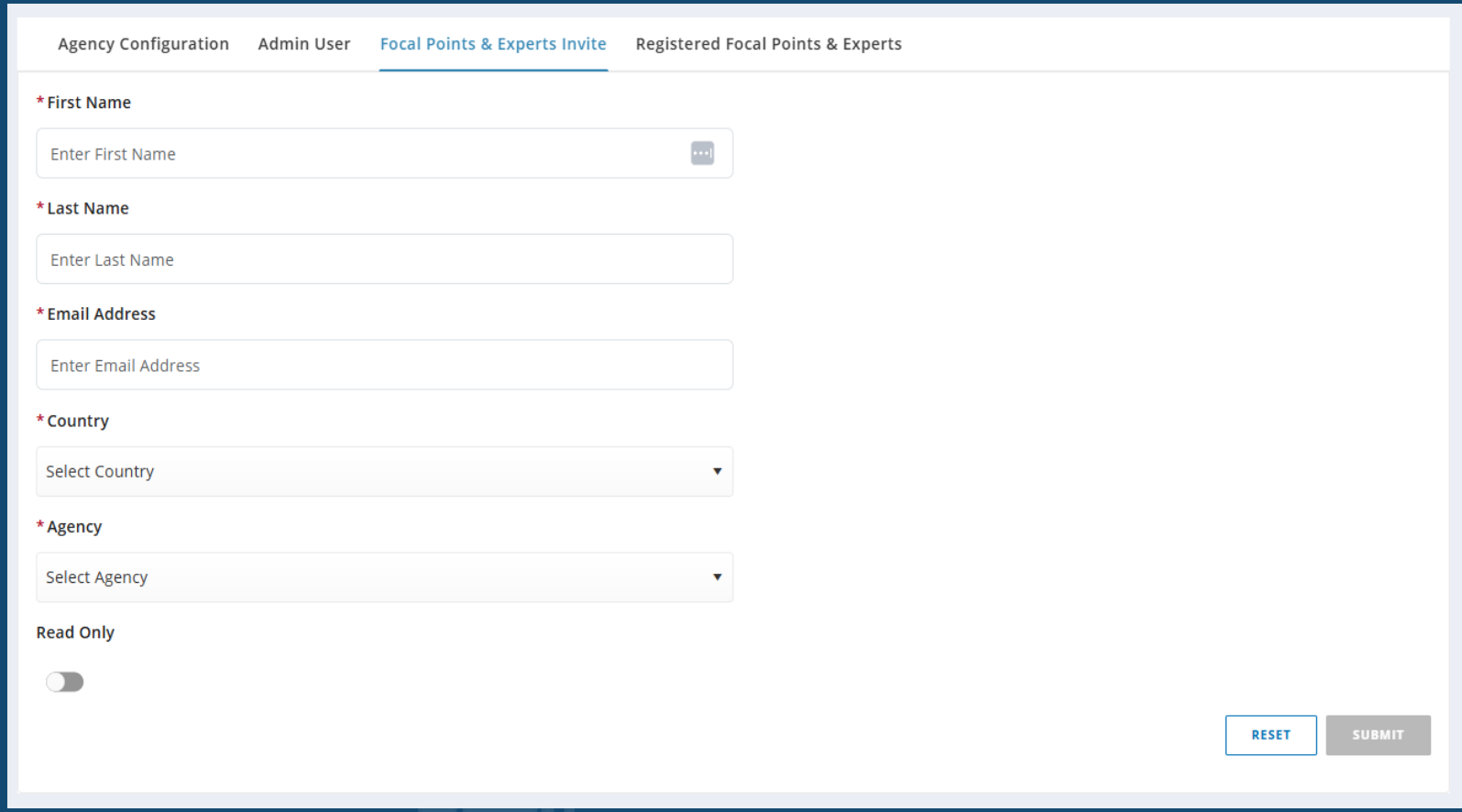
# 1. Secure Access

**1. Secure Access:**
**The platform includes three categories of user credentials:**

- **Admin (access to all content; can grant and revoke access to the platform).**
- **Focal Points (WB designated staff and country agencies personnel. Editorial access to specific country/ questionnaire; can submit responses using the platform).**
- **Agency experts (agencies personnel. Can read specific questionnaires and access respective results).**

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# 2. Begin the Assessment

**After logging in, users will be guided through a questionnaire that covers the six key areas.**

**Country :** India **Year :** 2025 **Agency :** Health

| Questionnaire | Status | Modified Date |
|---|---|---|
| 1. Governance | COMPLETED | Sep 23, 2025 |
| 2. Data Availability, Standards and Quality | COMPLETED | Sep 23, 2025 |
| 3. Institutional Capacity | COMPLETED | Sep 23, 2025 |
| 4. Digital Infrastructure | COMPLETED | Sep 23, 2025 |
| 5. Technology and Tools | COMPLETED | Sep 23, 2025 |
| 6. Stakeholder Engagement | COMPLETED | Sep 23, 2025 |

1.1 Policies and Regulations

1.2 Data Ownership and Sovereignty

1.3 Ethics and Privacy

1.4 Data Governance

1.5 Programmatic Governance

RETURN TO OVERVIEW SAVE & SUBMIT

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* 1.1.1 Data Sharing Agreements: Are there formal processes and agreements for data sharing between your organization and other agencies? For example, Memorandum of Understanding or Agreement, Data Sharing Agreements or other written agreements.

- ○ There are no formal processes and agreements for data sharing.
- ● There are very few formal processes and agreements, and they are rarely utilized.
- ○ Some formal processes and agreements exist, but they are not comprehensive or regularly updated.
- ○ There are several formal processes and agreements in place, and they are generally followed.
- ○ There are comprehensive and regularly updated formal processes and agreements that facilitate seamless data sharing between organizations and agencies.

Upload Document

Attachment :

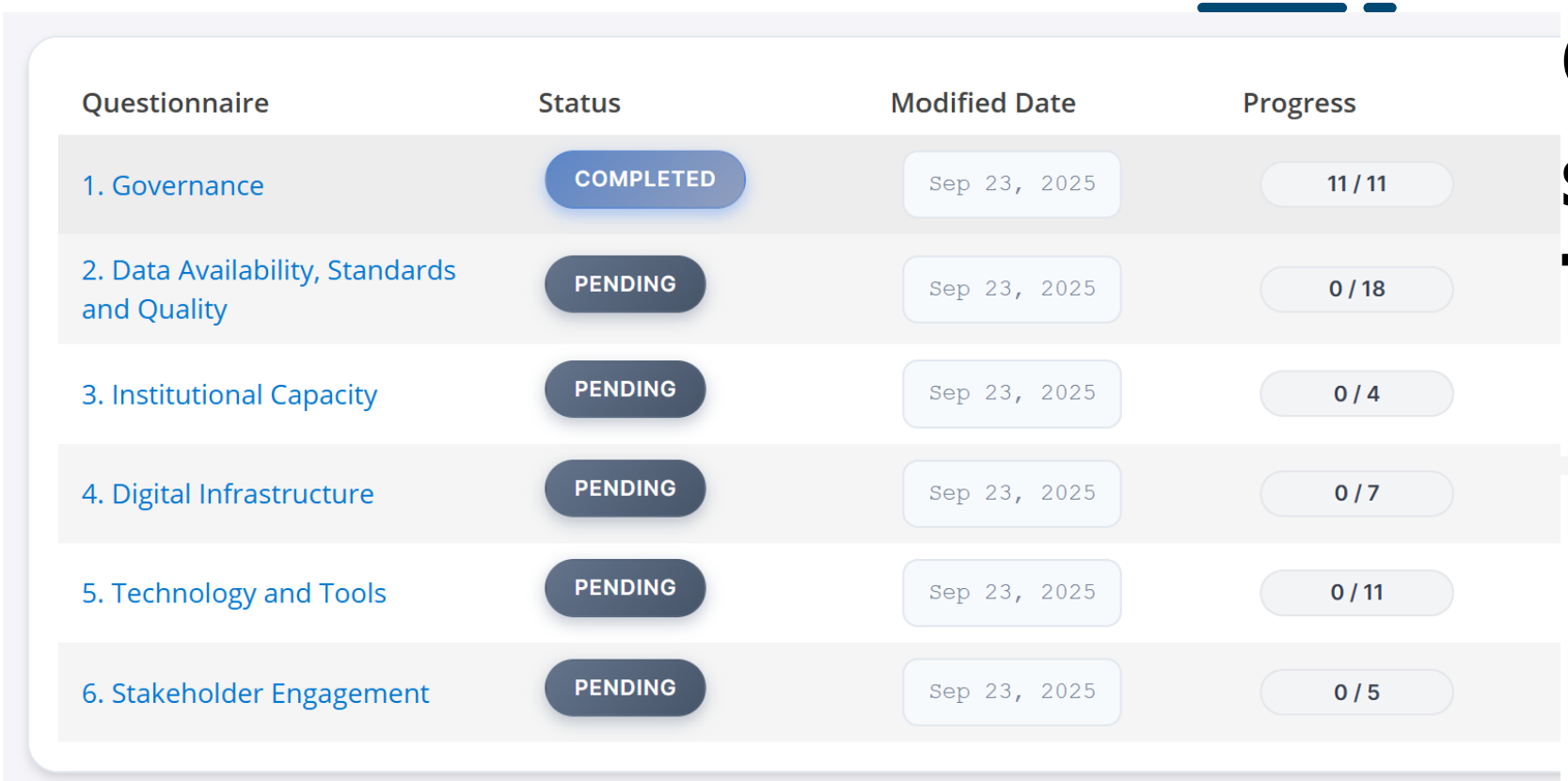
Sample test docs.docx

esim.jpeg

Comment :

# Answers, Comments & Attachments

For each question, users can provide a respective multiple-choice answer and include additional resources such as documents and/or comments pertinent to the topic at hand.



| Questionnaire | Status | Modified Date | Progress |
|---|---|---|---|
| 1. Governance | COMPLETED | Sep 23, 2025 | 11 / 11 |
| 2. Data Availability, Standards and Quality | PENDING | Sep 23, 2025 | 0 / 18 |
| 3. Institutional Capacity | PENDING | Sep 23, 2025 | 0 / 4 |
| 4. Digital Infrastructure | PENDING | Sep 23, 2025 | 0 / 7 |
| 5. Technology and Tools | PENDING | Sep 23, 2025 | 0 / 11 |
| 6. Stakeholder Engagement | PENDING | Sep 23, 2025 | 0 / 5 |

# Overview section and Progres Towards Completio

The platform provides a summary page for users submitting agency related questionnaires, including the current progress status, sections already completed, and the respective score of each section of the questionnaire.

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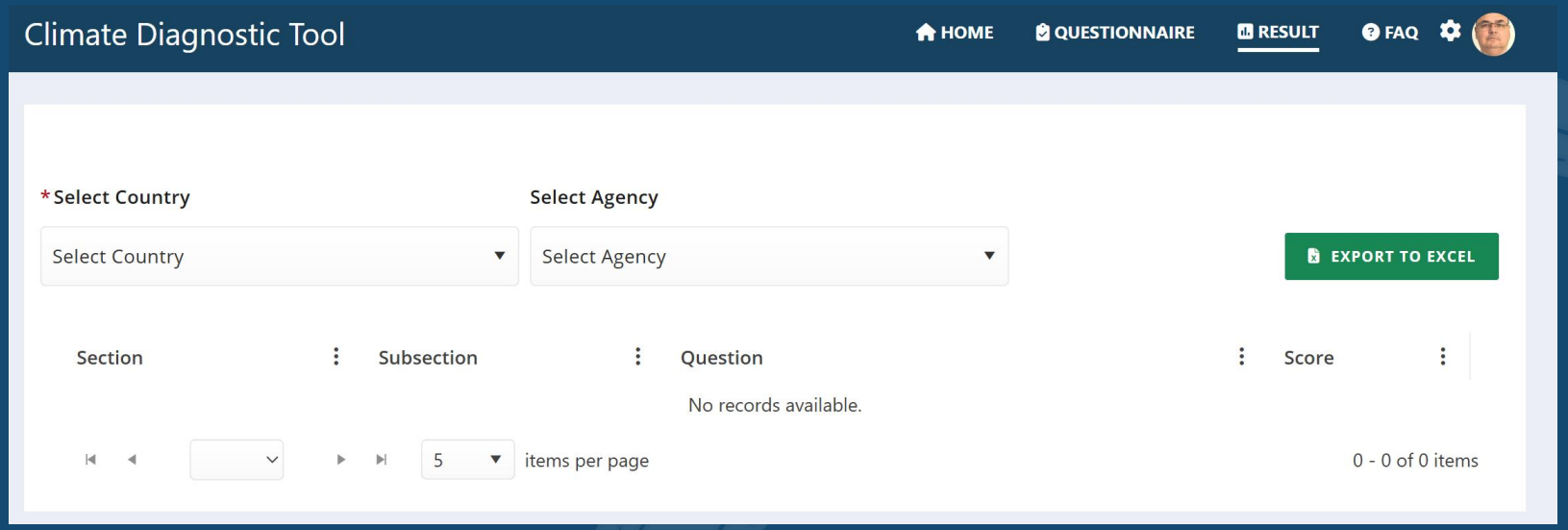
# Entity-Specific Results

- **Receive Entity-Specific Results:**
  **After completing the assessment, each entity will receive a detailed report highlighting strengths, gaps, and tailored recommendations to enhance data-sharing practices.**




- **The results can be exported to Excel, making it easier to compile comparisons and integrate these results to other statistical tools.**

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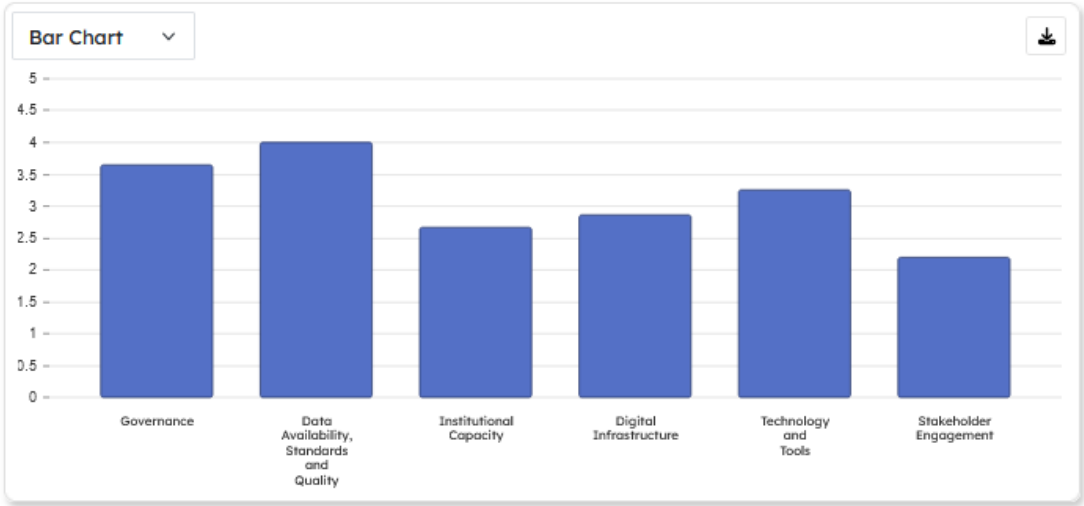
# Diagnostic Tool - Results

## Chart Overview




## Score and Recommendations per Section

Governance | Data Availability, Standards and Quality | Institutional Capacity | Digital Infrastructure | Technology and Tools | Stakeholder Engagement

Your Score: 3.64 (Advanced and Functioning Well)

### Narrative

The governance framework is robust, with well-established policies, strong legal and ethical standards, and clear, consistently applied roles and responsibilities. Data sharing agreements are formalized and effectively enforced, and there is strong political backing for governance initiatives. The organization is well-positioned to manage data governance challenges and adapt to future needs.

### Recommendations

- **Maintain Excellence:** Regularly review and update governance policies to ensure they remain aligned with evolving best practices and legal standards.
- **Continuous Improvement:** Implement ongoing training and development programs for data stewards and governance leaders to maintain high levels of competency.
- **Monitor and Adapt:** Continuously monitor governance practices and adapt them to meet new challenges, ensuring the framework remains resilient and effective.
- **Expand Influence:** Leverage your strong governance framework to influence regional and international data governance standards.

Download Full Results PDF

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# Diagnostic Tool - Results

Governance | Data Quality | Institutional Capacity | Digital Infrastructure | Technology & Tools | Stakeholder Engagement

## Your Score: 4-5 (Advanced and Functioning Well)

### Narrative

The governance framework is robust, with well-established policies, strong legal and ethical standards, and clear, consistently applied roles and responsibilities. Data sharing agreements are formalized and effectively enforced, and there is strong political backing for governance initiatives. The organization is well-positioned to manage data governance challenges and adapt to future needs.

### Recommendations

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# Scoring Framework

## Score 1-2: Early Stage with Critical Gaps

- Score indicates early-stage readiness for data sharing; significant gaps may impede effective collaboration for climate action
- Urgent areas needing attention: governance, infrastructure, capacity building
- Immediate actions:
  - Improve coordination
  - Invest in technical infrastructure
  - Build institutional capabilities

## Score 3: Foundational with Opportunities for Strengthening

- There is progress towards data sharing readiness with remaining challenges.
- Basic frameworks and systems established; inconsistencies and underdeveloped areas persist.
- Potential for effective data sharing, but enhancements needed:
  - Consistency
  - Infrastructure development
  - Skill

## Score 4-5: Advanced and Functioning Well

- Score reflects strong readiness for data sharing
- Established systems, frameworks and practices support efficient data collaboration
- Entity positioned well for national and global climate data sharing efforts
- Focus on:
  - Maintaining high standards
  - Embracing innovation
  - Addressing emerging

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# Country Scores

| Maldives Country Score | 2.27 |
|---|---|

| Sierra Leone Country Score | 2.30 |
|---|---|

| Category | Score |
|---|---|
| Digital Infrastructure | **3.08** |
| Data Availability, Standards and Quality | **2.95** |
| Technology and Tools | 2.43 |
| Governance | 1.67 |
| Institutional Capacity | 2.11 |
| Stakeholder Engagement | 2.04 |

| Category | Score |
|---|---|
| Digital Infrastructure | 2.14 |
| Data Availability, Standards and Quality | **2.81** |
| Technology and Tools | 2.16 |
| Governance | 2.13 |
| Institutional Capacity | 2.06 |
| Stakeholder Engagement | **2.58** |

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# Thank You

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