



Ministry of Tourism and Environment  
Republic of Maldives

# Training Workshop: Power BI for Climate and Energy Data Visualization

26th May 2025, Meeruma, Male'

**CBIT Maldives**

Capacity Building for Improved Transparency of  
Climate Change Mitigation and Adaptation Actions in  
the Maldives Project



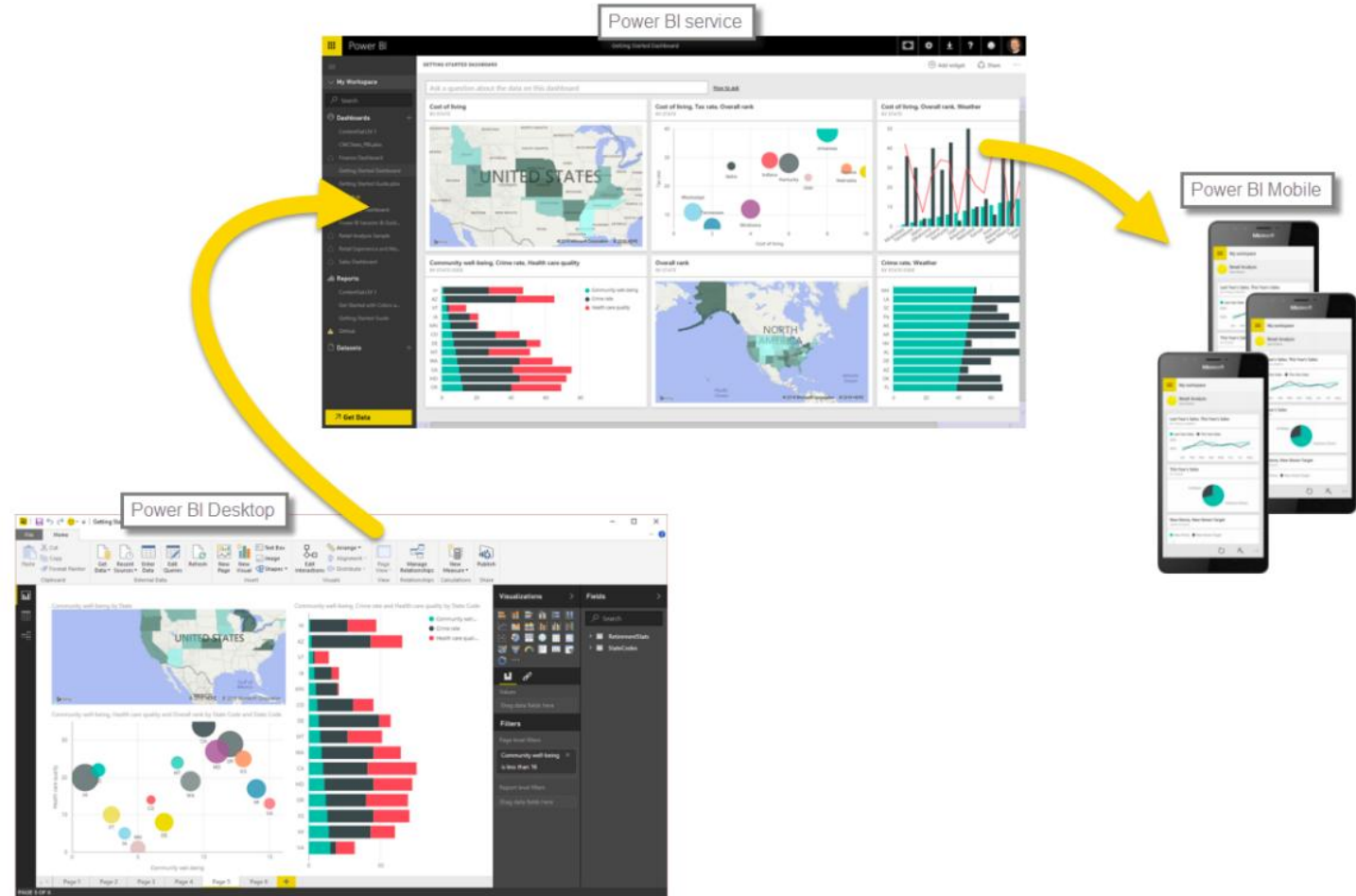
# What is BI and Power BI?

- BI refers to **Business Intelligence**
- BI is set of processes, architecture, and technologies that **convert raw data into meaningful information** that drives profitable actions.
- BI is combination of combination of analytics, data mining, data visualization, data tools and best practices to help make more **data driven decisions**.
- **Power BI** is an interactive data visualization software developed by Microsoft.



# Common flow of activity in Power BI

1. **Bring data** into Power BI Desktop and create a report.
2. **Publish** to the Power BI service, where you can create new visualizations or build dashboards.
3. **Share dashboards** with others, especially people who are on the go.
4. **View and interact** with shared dashboards and reports in **Power BI Mobile apps**.



# Aim and objective of the training

## 1. Review Data

- Equip participants with the ability to understand, interpret, and analyze climate-related data.

## 2. Develop Power BI Skills

- Train participants in using Power BI for data visualization, dashboard creation, and reporting.

## 3. Enable Evidence-Based Decision Making

- Teach how to use data insights to support climate mitigation strategies.

## 4. Promote Monitoring and Evaluation

- Show how to track progress of climate initiatives using interactive dashboards.

## 5. Foster Collaboration and Communication

- Encourage sharing of insights across departments, stakeholders, and the publishing mitigation results through visual storytelling.



# Importance of Power BI in Climate Change Mitigation and Adaptation

## 1. Data Integration

- Power BI can consolidate data from multiple sources (e.g., energy data, purchase data, emissions) into one platform.

## 2. Scenario Analysis

- Helps visualize the impact of different policy or adaptation scenarios using historical data.

## 3. Transparency and accountability

- Dashboards can be shared across various stakeholders to increase transparency.

## 4. Policy support

- Provides policymakers with clear, data-driven insights to support climate legislation and funding decisions.



# Pre-training assessment to understand participants expectations

Link will be shared during workshop (in Mentimeter)



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# Thanks



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