

Global Strategy

IMPROVING AGRICULTURAL AND RURAL STATISTICS
IN ASIA PACIFIC



The Country Assessment Questionnaire as a tool for In-depth Country Assessment

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Orientation Programme to Implement
Global Strategy to Improve Agricultural and Rural Statistics in
selected countries in Asia Pacific

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Outline

- Background
- Structure of the Questionnaire
- Checklist for filling of the Country Assessment Questionnaire
- Derivation of Country Capacity Indicators



Background

- The Country Assessment Questionnaire is the basis for the In-depth Country Assessment; and is a means for the building the country capacity indicators.
- In line with the definition of agriculture under the Global Strategy, the scope questionnaire covers multiple sub-sectors, comprising: crops, livestock, forestry, fishery, aquaculture, water resources, environment, and rural development statistics.
- For more information, a reference guide is available at: http://www.gsars.org/wp-content/uploads/2014/09/Guidelines_Country-Assessment_FINAL.pdf



Modules of Questionnaire

Section 1:

Institutional
Infrastructure

Section 2:

Resources

Section 3:

Statistical Methods
and Practices

Section 4:

Availability of Core
Data

Section 5:

Critical Constraints in
Agriculture Statistics
System

Section 6:

User Survey




Section 1: Institutional Infrastructure

Objective: To identify the underlying infrastructure that enables the production of agricultural and rural statistics in the country.

Topics Covered:

- Administrative Structure of the country
- Legal and administrative framework for the collection of statistics (ie. Statistics Law)
- Legal Mechanisms for coordination of statistical activities
- Structure of the National Statistical System
- Strategic framework for statistics in the country (NSDS/ SPARS)
- Dialogue with Users





Section 2: Resources

Objective: To determine the sufficiency of human and financial resources available for the country for the production of agricultural and rural statistics.

Topics Covered:

- Financial Resources
- Human Resources (staffing)
- Human Resources (training)
- Physical Infrastructure



Section 3: Statistical Methods and Practices

Objective: To determine country's capability to undertake statistical activities

Topics Covered:

- Information Technology
- General Statistical Infrastructure
- Adoption of Classifications
- Questions pertaining to main statistical activities
- Questions pertaining to derived statistics and indicators



Section 4: Availability of Core Data

Objective: To report on the availability of statistics that are of importance to the country across all sub-sectors.

Topics Covered:

- Availability
- Timeliness
- Source of data
- Geographic detail
- Quality perception





Section 5: Critical constraints

Objective: Respondents are asked to rate their perception of commonly reported constraints faced by the statistical system.

Topics Covered:

Human resources

Advocacy

Physical Infrastructure





Section 6: User Survey

Objective: To understand how users make use of available data and the limitations they face in making use of that data.

Topics Covered:

Accessibility

Perceived Quality

Data Gaps



Checklist for filling of the Country Assessment Questionnaire

Preparation of Questionnaire

- The NSC will, first, identify the relevant producers/ users of agricultural and rural statistics in the country. It is important here to ensure the involvement of **ALL** relevant sub-sectors covered.
- The NSC will review the questionnaire and determine the most appropriate agency to respond to specific sections. Individual Questions may be answered by more than one agency, if applicable.
- The questionnaire will be provided to the NSC in both Microsoft Word and Excel formats. It will be the responsibility of the NSC to split and distribute the relevant sections/ questions to the identified respondents; and collate all responses as they become available.



Checklist for filling of the Country Assessment Questionnaire (continued)

Submission

- The NSC should ensure that all questions have been answered (if possible) and that contradictory responses are followed up with respondents.
- The Regional Office will review the questionnaires received and seek further clarification from the NSC for responses that were not clear.
- After the questionnaire is clarified, responses will be used to derive a set of Country Capacity Indicators. The NSC will be consulted at this time to clarify responses and to ensure that the results of the indicators are in line with the country situation.



Derivation of the Country Capacity Indicators (continued)

Agriculture Statistics Capacity Framework	
Capacity dimensions	Elements
I. Institutional Infrastructure - Pillar II (PREREQUISITES)	1.1 Legal Framework
	1.2 Coordination in Statistical System
	1.3 Strategic Vision and Planning
	1.4 Integration of Agriculture in the National Statistical System
	1.5 Relevance (user interface)
II. Resources - Pillar III (INPUT DIMENSION)	2.1 Financial Resources
	2.2 Human Resources: Staffing
	2.3 Human Resources: Training
	2.4 Physical Infrastructure
III. Statistical Methods and Practices - Pillar II (THROUGHPUT DIMENSION)	3.1 Statistical Software Capability
	3.2 Data Collection Technology
	3.3 IT Infrastructure
	3.4 General Statistical Infrastructure
	3.5 Adoption of International Standards
	3.6 General Statistical Activities
	3.7 Agricultural Market and Price Information
	3.8 Agricultural Surveys
	3.9 Analysis and Use of Data
	3.10 Quality Consciousness
IV. Availability of Statistical Information - Pillar I (OUTPUT DIMENSION)	4.1 Core Data Availability
	4.2 Timeliness
	4.3 Overall Data Quality Perception
	4.4 Data Accessibility

The Capacity Assessment Framework is composed of **4** dimensions and **23** **elements**, composing of:

1. Institutional Infrastructure
2. Resources
3. Statistical Methods and Practices
4. Availability of Statistical Information

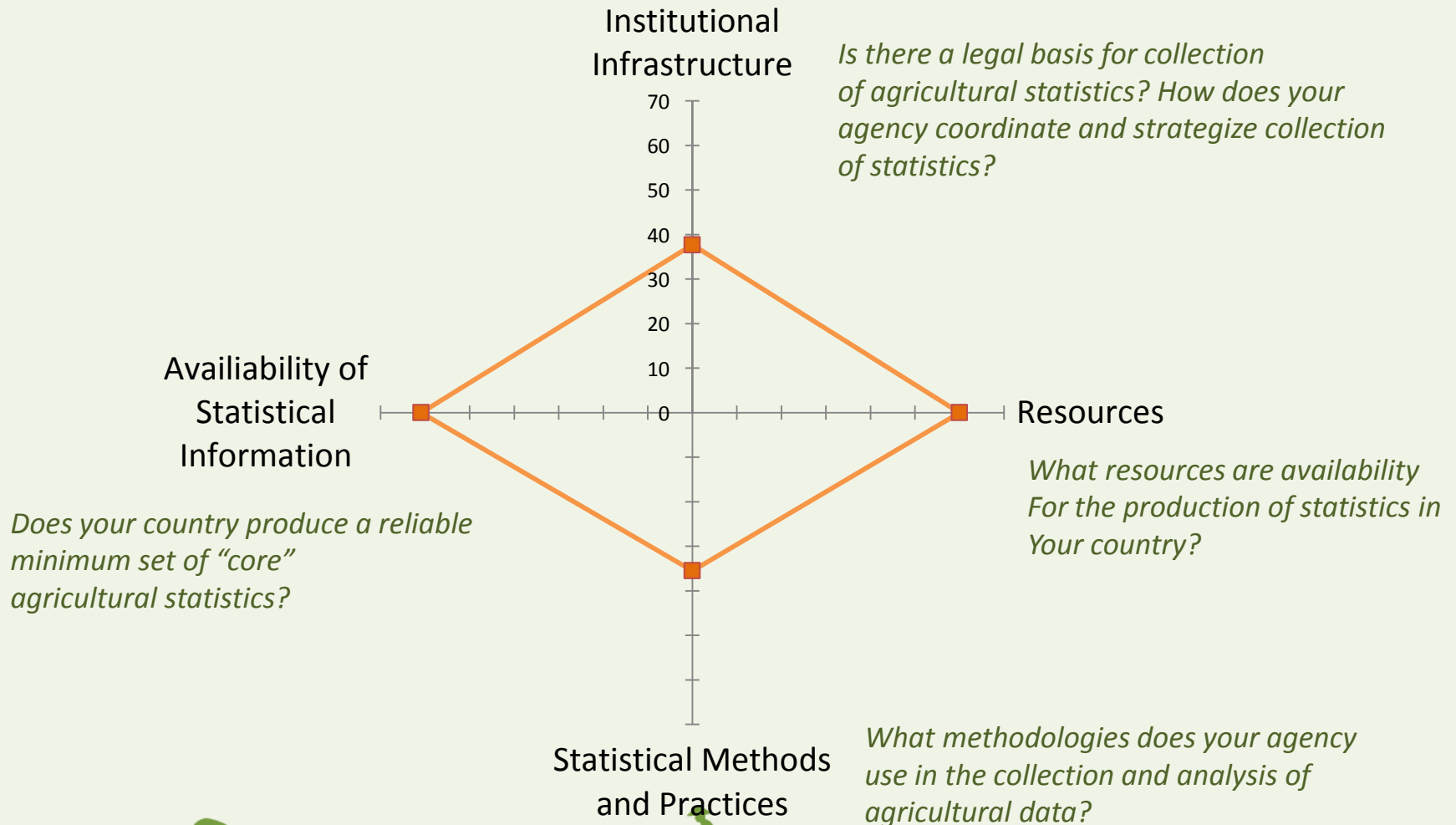
Provides a standard structure to access statistical systems based on quantitative and qualitative information.

Each indicator and element is scored on a scale of 0 – 100, and is derived using the guidelines developed at the Global Level.

A copy of the guidelines can be obtained online at: http://www.gsars.org/wp-content/uploads/2014/09/Guidelines_Country-Assessment_FINAL.pdf

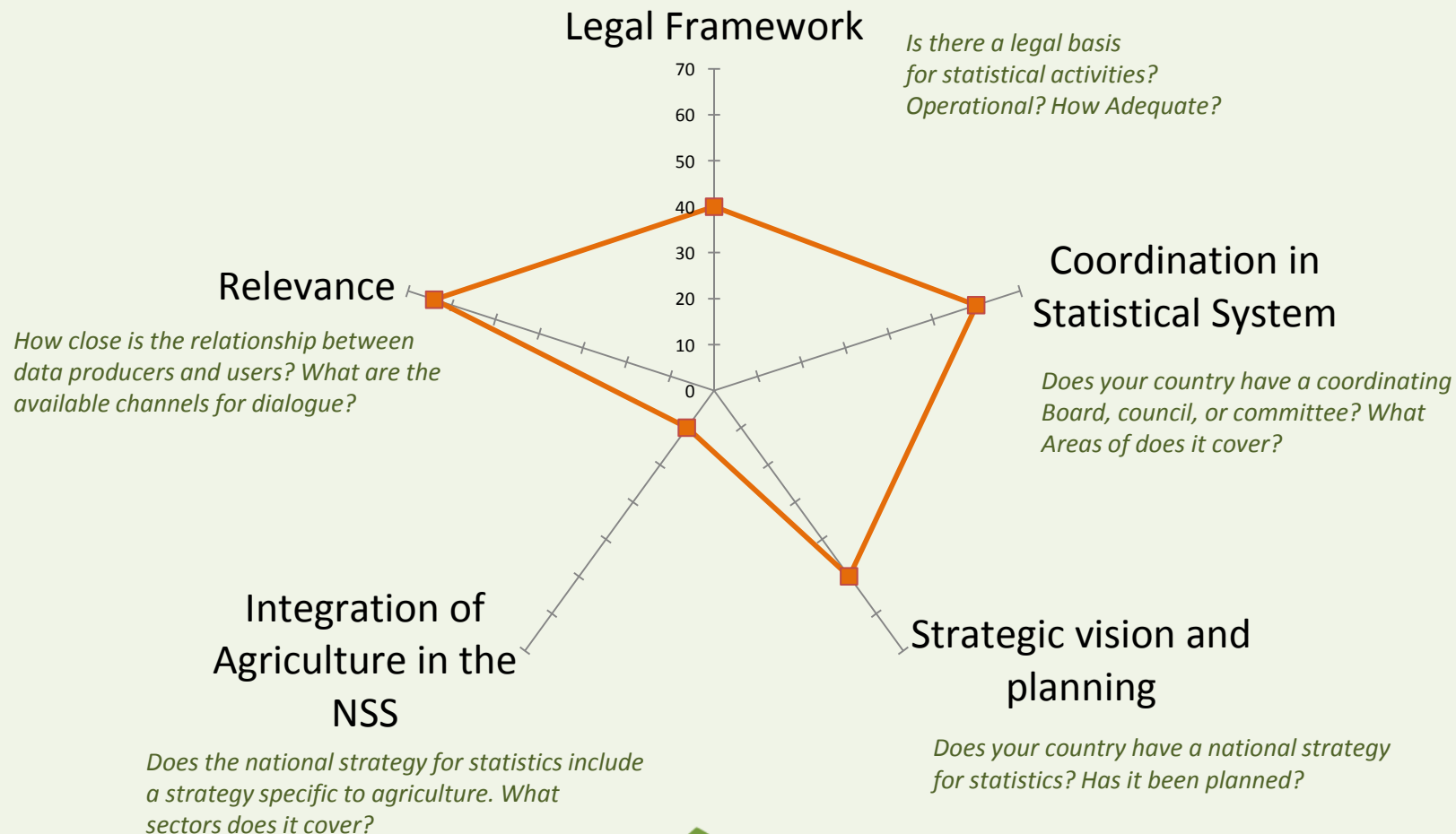


Four Dimensions of Country Capacity

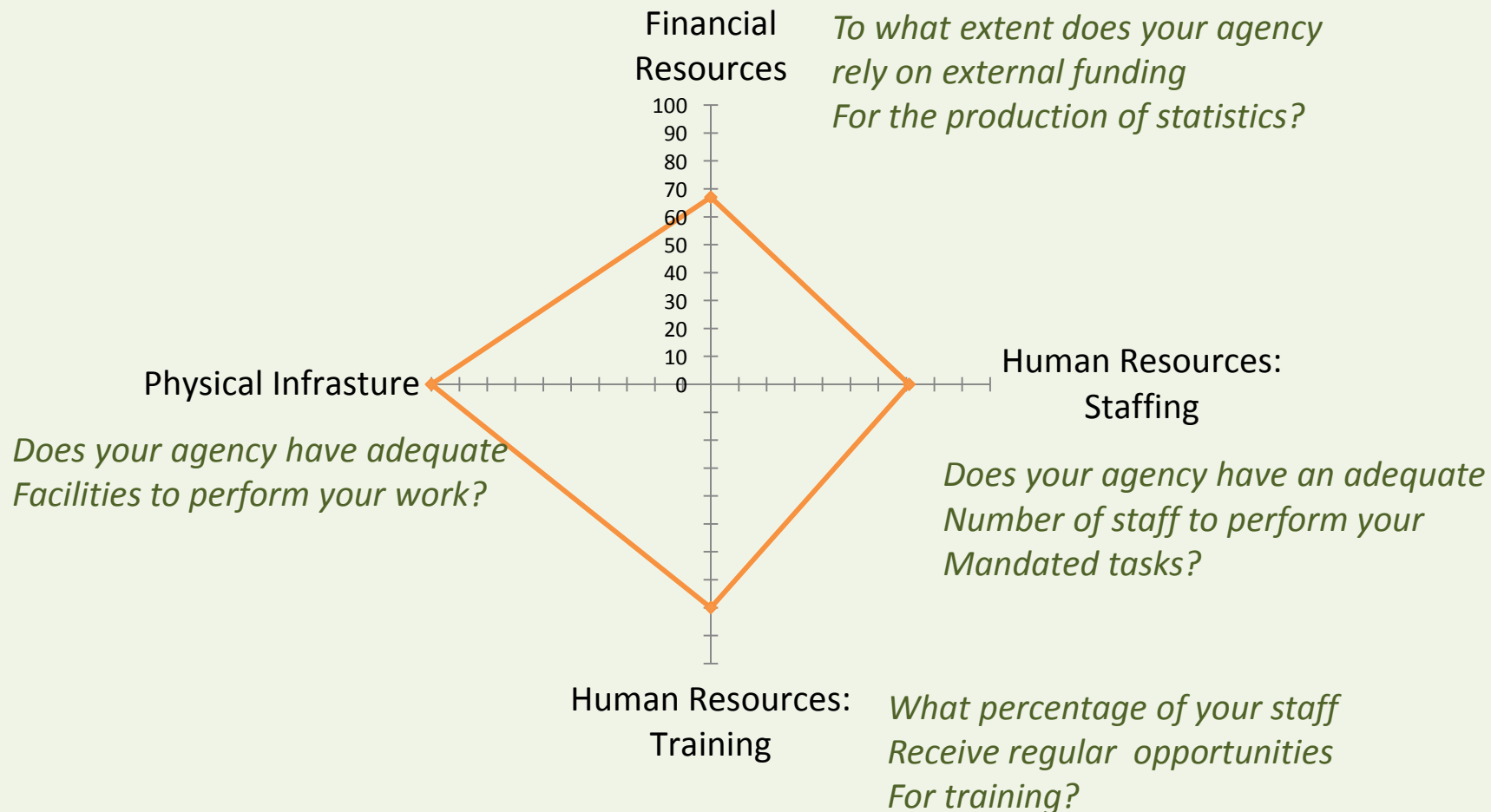


Note: Numbers are tentative

Indicator I: Institutional Infrastructure



Indicator II: Resources



Indicator III: Statistical Methods and Practices

Does your country have an Analytical framework to integrate and reconcile different data sources? A system of national accounts? Food Balance sheets?

Analysis and use of data

Statistical Software capability

What statistical software does your agency utilize? SPSS? STATA?

Data Capture Technology

How does your agency collect data? Personal Interviews?

IT Infrastructure

Does your agency possess enough computers/servers to adequately produce statistics?

Specialized agricultural survey

Does there exist An agricultural census in your country? Have there been specialized surveys for crops, livestock, fishery, water, or forestry related areas?

Agricultural price information

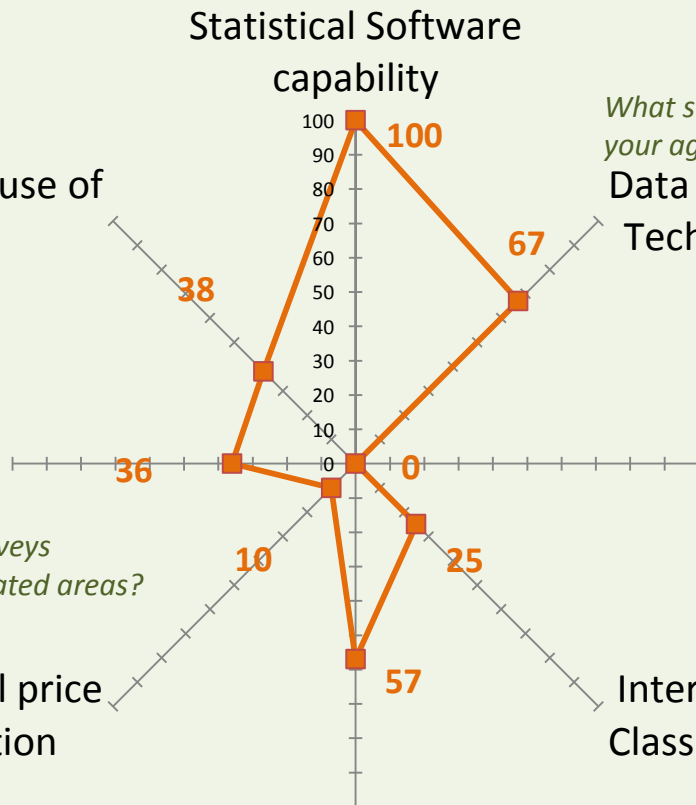
Does your country possess price Indices that cover important Agricultural commodities? Crops? Livestock? Fisheries?

International Classifications

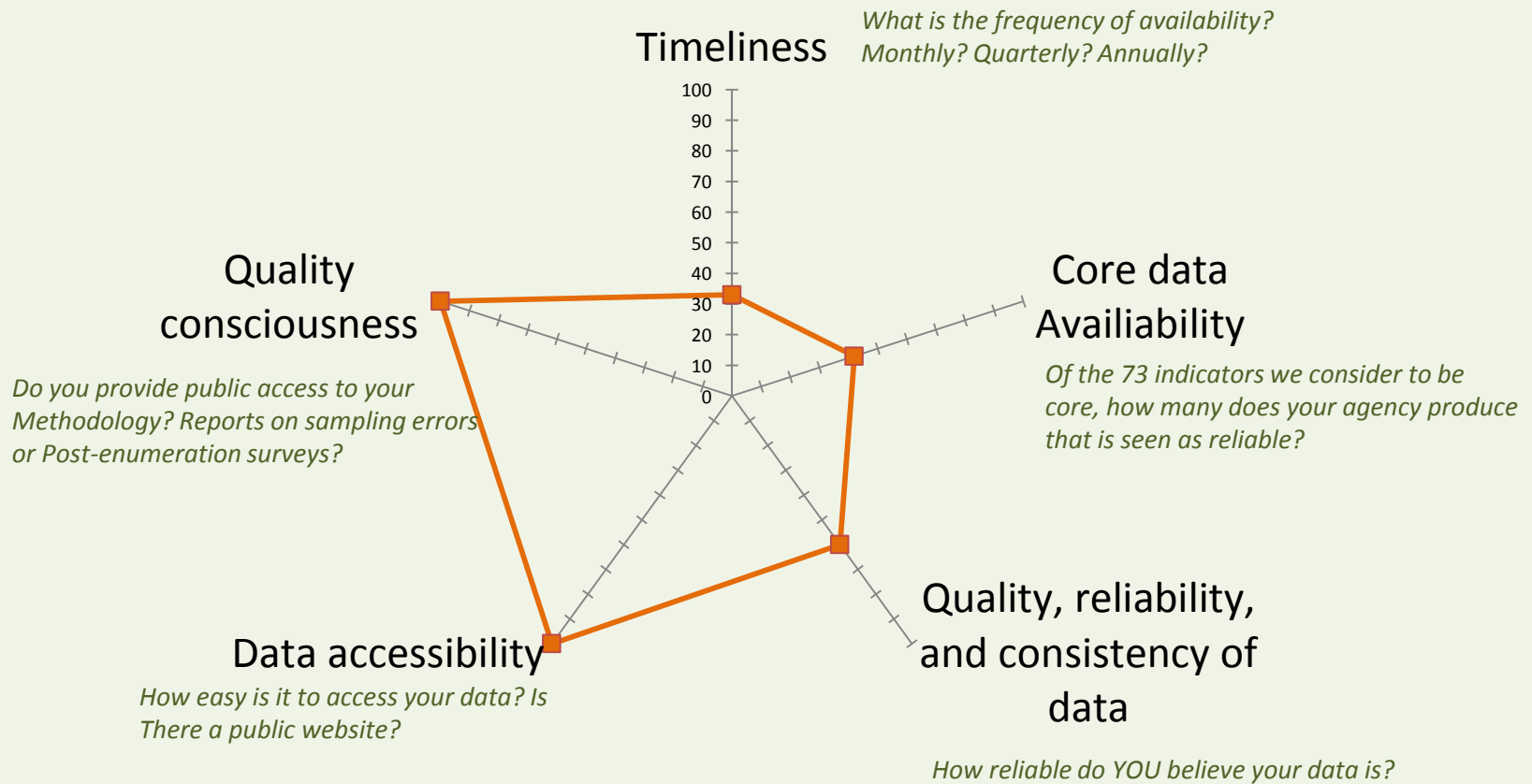
Does your country use internationally recognized standards to categorize collected data? ISIC? CPC?

General Statistical Activities

Does your country provide what we call a minimum set of "core statistics"? Population census, national accounts, CPI indices, household income?



Indicator IV: Core Data Availability





Thank You

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FAO RAP

