

**First RAP Regional Workshop on
Building Training Resources for Improving Agricultural and Rural Statistics:
Towards Country-Specific Minimum Set of Core Data**

Theme III

**Global Minimum set of Core Data Items –
Economic indicators**

Daejeon, Republic of Korea
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**UN ESCAP
Statistical Institute for Asia and the Pacific (SIAP)**

Core Data Items

Indicators, Variables and Data Item



Take for example rice crop:

An *Indicator* for planning for food security:

per capita availability of food grains.

Rice being a staple food in the region, it will be a *data item*

- i.e. data on rice would be required to build the indicator.

Data on which *variables* do you think would be required for this purpose?

- *production of rice, (external) trade of rice,*
- *prices – producers' price and consumers' price etc.*

Economic Indicators

Economic indicators relate to activities of

Production – its growth

Consumption and other uses

Investment – both physical and financial resources

Distribution – including foreign trade and stock

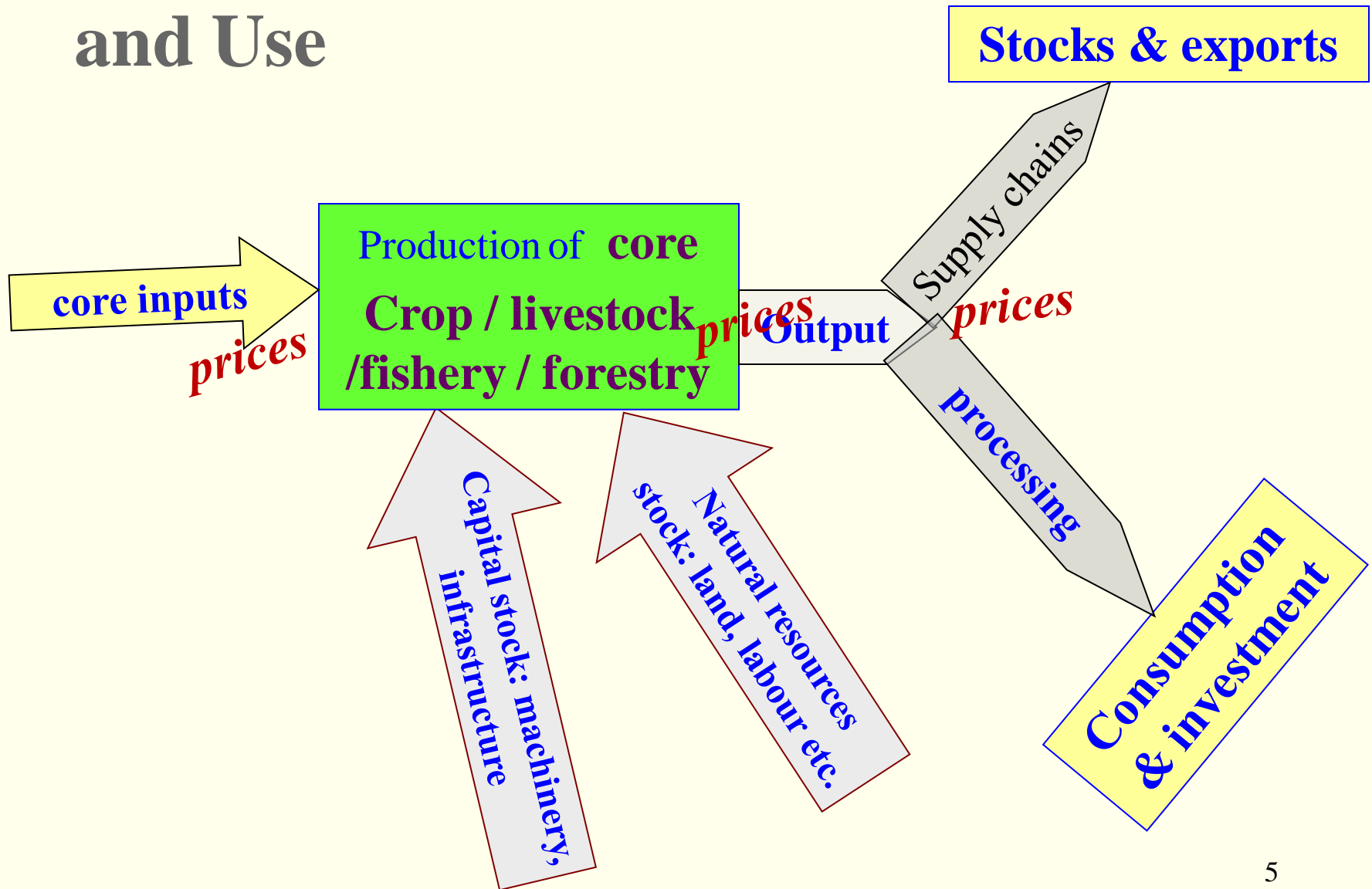
Prices – at different stages of production, distribution and consumption

These are called *group of variables* in the *Global Strategy*.

[See pp. 16 & 17 of the *Global Strategy*]

Core Data Items

Production, Distribution and Use



Core Data Items

- Core Output:
 - crop,
 - Livestock,
 - Fishery products
 - Forestry products and
- Core Inputs:
 - Fertilisers & pesticide
 - irrigation, electricity used,
 - roads, communication etc.,
 - Machinery & livestock by purpose

Identifying Indicators, Core Data Items and Variables

Guiding Development Process

- **Development Strategy**
 - A vision based on social endowment
- **Plan**
 - Perspective Plan (long-term)
 - Medium Term (5 yrs)
 - Annual Plan (budgets)
- **Policy**
 - an instrument to give direction to individual decisions

General Policy Goals

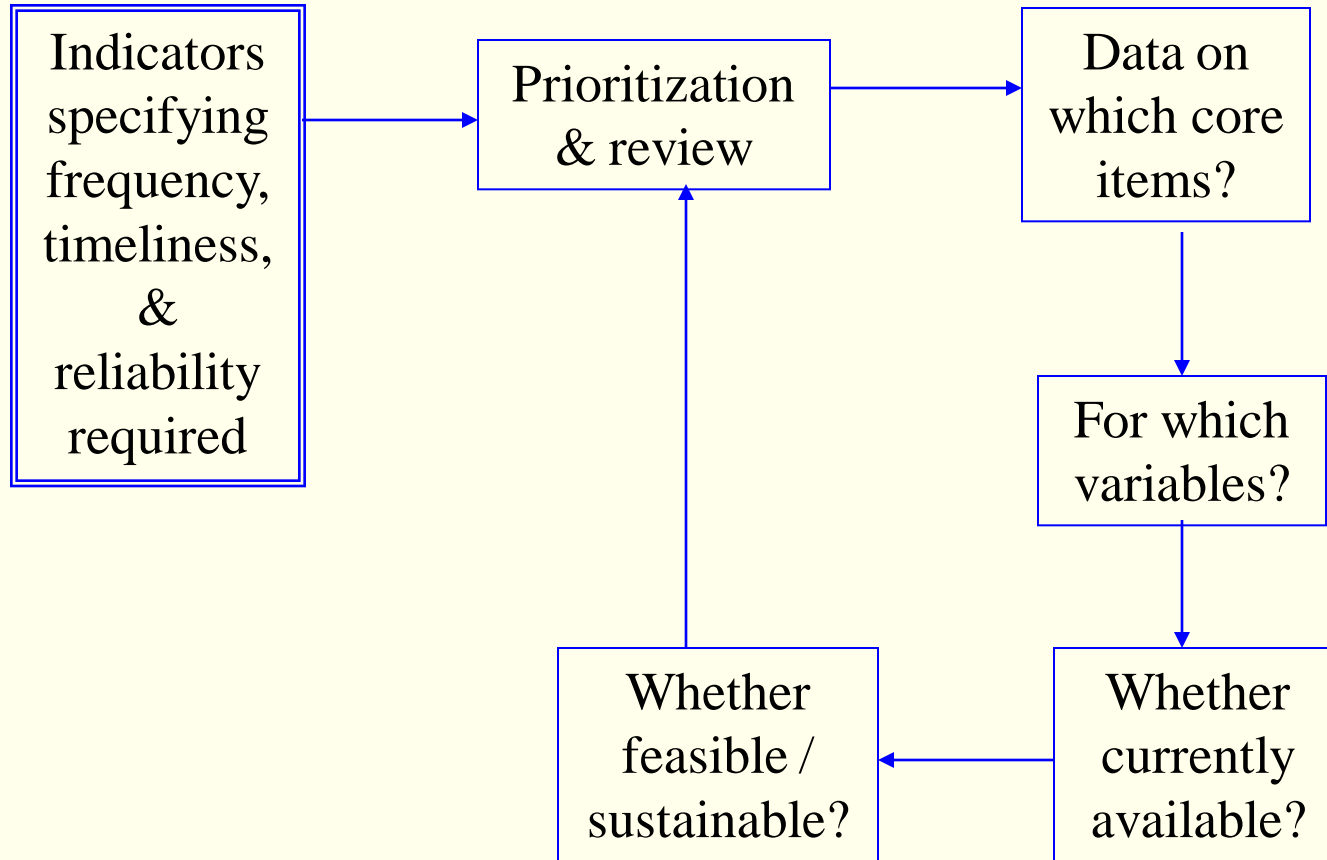
- Growth: efficiency to resource allocation
- Equity: distribution
- Stability/ security and sustainability
 - Risk minimization
 - Environment protection

Policies

- **Macro-economic policy:**
 - Affect all sectors and economic agents, like
 - Interest rates
 - Export orientation
 - Subsidies and taxes
 - Inequality reduction
- **Sectoral Policy:**
 - Targeted for selected players, like
 - Land reforms
 - Growth of food production
 - Price support / stabilisation or Rural-urban terms of trade
 - Sustainable use of physical / natural resources
 - Reduction of malnutrition / risks of famine & starvation

Identification Process

Identification process



Identifying Indicators

Required indicators: user-producer dialogue
specifying

- Purpose
- Frequency
- Timeliness
- Required reliability

Identifying variables and core data items

Which crops / livestock / fishery product / forestry product?

Based on **relative importance and national needs**

Which variables?

- Production, area, yield rate
- Consumption
- Other uses (such as inputs)
- Resources stock – land use, irrigation
- Prices
- Investment – machinery, infrastructure related, marketing

Thanks