LEVERAGING POLICY MAPPING AND ANALYSIS FOR NUTRITION PLANNING

FAO-EU Improved Global Governance for Hunger Reduction Programme

ESN Seminar
03 March 2015
• Context: Investing in nutrition across sectors

• Food environment: Conceptual approach/ normative framework, commodity examples

• Food and agriculture mapping and analysis initiatives: Stocktaking Exercise, potential contributions to nutrition planning products
**Context: How might agriculture policies impact nutrition outcomes?**

**Fledgling Evidence: Ag-based delivery platform**
- Time-bound, poorly powered studies, inconclusive results (Webb & Kennedy, 2012)

**Robust Evidence: Health-based delivery platform**
- Large scale cohort studies identifying “essential nutrition actions” (Lancet 2008)
- Formally endorsed (WHO)
- Cost estimates (World Bank, 2010)
FOOD ENVIRONMENT: CONCEPTUAL APPROACH

Source: Global Panel on Agriculture and Food Systems for Nutrition, 2014
FOOD ENVIRONMENT: CONCEPTUAL APPROACH

FOOD TRANSFORMATION AND CONSUMER DEMAND
Food processing, retail and demand
Policy options include:
- Labelling Regulation
- Advertising Regulation
- Fortification Policy

MARKET AND TRADE SYSTEMS
Exchange and movement of food
Policy options include:
- Trade Policy
- Infrastructure
- Investment
- Agribusiness Policy

CONSUMER PURCHASING POWER
Income from farm or non-farm sources
Policy options include:
- Work Guarantee Schemes
- Cash Transfers
- School Feeding
- Consumer Subsidies

Diet Quality
Diversity - Adequacy - Safety

AGRICULTURAL PRODUCTION
Production for own consumption and sale
Policy options include:
- Agriculture Research Policies
- Input Subsidies, Extension Investments
- Land and Water Access
FOOD ENVIRONMENT: CONCEPTUAL APPROACH

**MARKET AND TRADE SYSTEMS**
Exchange and movement of food
Policy options include:
- Trade Policy
- Infrastructure
- Investment
- Agribusiness Policy
FOOD ENVIRONMENT: CONCEPTUAL APPROACH

FOOD TRANSFORMATION AND CONSUMER DEMAND
Food processing, retail and demand
Policy options include:
- Labelling Regulation
- Advertising Regulation
- Fortification Policy

MARKET AND TRADE SYSTEMS
Exchange and movement of food
Policy options include:
- Trade Policy
- Infrastructure
- Investment
- Agribusiness Policy

CONSUMER PURCHASING POWER
Income from farm or non-farm sources
Policy options include:
- Work Guarantee Schemes
- Cash Transfers
- School Feeding
- Consumer Subsidies

AGRICULTURAL PRODUCTION
Production for own consumption and sale
Policy options include:
- Agriculture Research Policies
- Input Subsidies, Extension Investments
- Land and Water Access

DIET QUALITY
Diversity - Adequacy - Safety
FOOD ENVIRONMENT: CONCEPTUAL APPROACH

FOOD TRANSFORMATION AND CONSUMER DEMAND
Food processing, retail and demand
Policy options include:
- Labelling Regulation
- Advertising Regulation
- Fortification Policy

MARKET AND TRADE SYSTEMS
Exchange and movement of food
Policy options include:
- Trade Policy
- Infrastructure
- Investment
- Agribusiness Policy

FOOD ENVIRONMENT
DIET QUALITY
Diversity - Adequacy - Safety

AGRICULTURAL PRODUCTION
Production for own consumption and sale
Policy options include:
- Agriculture Research Policies
- Input Subsidies, Extension Investments
- Land and Water Access

CONSUMER PURCHASING POWER
Income from farm or non-farm sources
Policy options include:
- Work Guarantee Schemes
- Cash Transfers
- School Feeding
- Consumer Subsidies
FOOD ENVIRONMENT: COMMODITY EXAMPLE

Source: Hawkes et al., 2012
FOOD ENVIRONMENT: COMMODITY EXAMPLE

Source: Hawkes et al., 2012
Background

- **Context:** Part of FAO Strategic Objective 1, major area of work on mapping, monitoring and evaluation (output 3.2) and FAO-EU’s Improved Global Governance for Hunger Reduction Programme.

- **Purpose:** Take stock of FAO and partners’ policy mapping & analysis initiatives and promote internal dialogue, with a view to enhance linkages between food & agriculture and nutrition perspectives.

- **Approach:** Desk review of internal FAO material and semi-structured interviews with over 50 FAO staff.

⇒ 30 FAO initiatives and 34 external initiatives reviewed, including databases, web-based platforms, analytical product.
Existing mapping and analysis initiatives

- FSCCP
- Legislation Assessment tool for gender equitable land tenure
- EasyPol
- AQUASTAT
- Commodity policy developments
- FAO reports
- FAPDA
- Investment Policy Reports
- MAFSAN
- Gender and Land Rights Database
- FAOLex
- Right to Food Database
- Global Forest Resources Assessments
- Regional FSN Reports
- FAOR reports
- CAADP nutrition country papers
- Regional Monthly Food Price Reports
- PtoP
- MAFAP
- ADAM
- Plataforma de seguridad alimentaria y nutricional
- ESP Policy Mapping tool
- Asia Pacific Food Price and Policy Monitor
- GIEWS
- Right to Food Database
- World Bank Country Policy & Institutional Assessments
- IFPRI IMPACT Model
- OECD Policy Database
- World Bank Secure Nutrition
- WHO NOPA
- World Cancer Institute NOURISHING
- IFPRI Food Security Portal
- WHO GINA
- EU NIPN
- SUN Movement Progress Report
- REACH Policy Assessment Tools
- SC and WV Nutrition Barometer
- Auckland University Healthy Environment Policy Index
- Not exhaustive
Initiatives with an enhanced food security and nutrition focus

- FSCCP
- Global Forest Resources Assessments
- Plataforma de seguridad alimentaria y nutricional
- Regional FSN Reports
- ESP Policy Mapping tool
- FAOR reports
- FAO reports
- AQUASTAT
- FAOR reports
- CAADP nutrition country papers
- Asia Pacific Food Price and Policy Monitor
- FAPDA
- Regional Monthly Food Price Reports
- PtoP
- MAFSAN
- Right to Food Database
- MAFAP
- FAOLex
- Right to Food Database
- ADAM

- World Bank Country Policy & Institutional Assessments
- OECD Policy Database
- IFPRI IMPACT Model
- WHO NOPA
- IFPRI Food Security Portal
- WHO GINA
- EU NIPN
- REACH Policy Assessment Tools
- SC and WV Nutrition Barometer
- WHO NOURISHING
- SUN Movement Progress Report
- IDS HANCI
- Auckland University Healthy Environment Policy Index

Not exhaustive
Role of Food & Agriculture Mapping and Analysis Tools? A Modest Proposal...

- Multi-country case studies of a single policy instrument
- Country-specific policy coherence studies
- Value added to nutrition community efforts to map relevant policies at country level
ROLE OF FOOD & AGRICULTURE MAPPING AND ANALYSIS TOOLS? A MORE AMBITIOUS PROPOSAL...

Natural resources
- Water
- Soil
- Seed and stock

Food environment
- Food availability
- Food prices
- Food diversity
- Retail and marketing
- Agricultural policy

Health environment
- Food safety
- Water
- Contaminants
- Nutrients

Household assets, farm inputs
- Credit
- Technology and skills
- Knowledge and skills
- Institutions

Agricultural production practices
- Food crop production
- Livestock ownership

Agricultural income

Food expenditure

Non-agricultural income (incl. cash transfer)

Non-food expenditure

HH-level food availability and access

HH Health care

HH Caring capacity & practices

Women’s time and empowerment

Female energy expenditure

Individual diet quality

Health status

Child nutrition outcomes

Mother’s nutrition outcomes

National economic growth

National nutrition profile