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para la
Agricultura
y la
Alimentación

The System of Environmental-Economic Accounting for Agriculture, Forestry and Fisheries

SIDE EVENT ON SEEA AND SDG

47TH MEETING OF THE UN STATISTICS COMMISSION

MARCH 9 2016, New York USA



Food and Agriculture Organization
of the United Nations

Summary

SEEA Agriculture Forestry and Fisheries:

- Introduction
- Adoption of SEEA Agriculture by the UNSC 2016
- Country Implementation Plans
- Links to SDGs

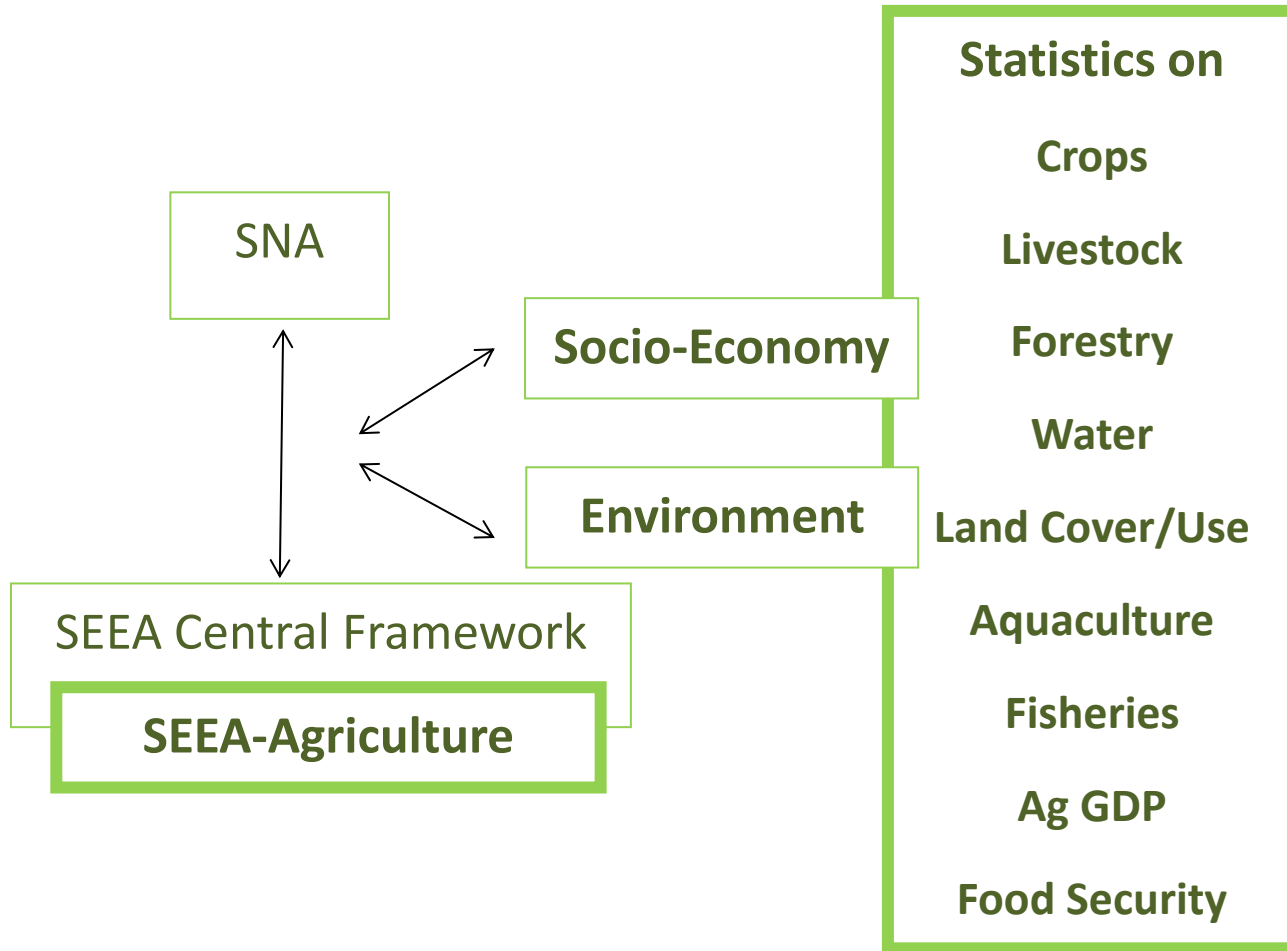


SEEA Agriculture Forestry and Fisheries

- The scope of SEEA Agriculture covers **agriculture, forestry and fisheries** activities, and the design of the relevant accounts reflects an application of the tables and accounts of the **SEEA Central Framework** to the organization of data on these activities
- The development of a **System of Environmental-Economic Accounting for Agriculture, Forestry and Fisheries** by FAO was endorsed by the **UN Committee of Experts on Environmental-Economic Accounting (UNCEEA)** in Jun 2011



SEEA Agriculture Forestry and Fisheries



SEEA-Agriculture: Process of consultation

	2013		2014		2015		2016	
Start	X							
Feasibility Pilots			Canada Australia	Indonesia Guatemala				
Regional Commissions		IICA AFCAS	APCAS			IICA AFCAS	APCAS	
International Events					UNSC UNCEEA	London Group		
Global Consultation				1 st GC		2 nd GC		
Editorial Board					X	X		
UNSC Submit							X	
Country Pilots Training						Uruguay		X
							Uganda	X

SEEA Agriculture Forestry and Fisheries: Structure

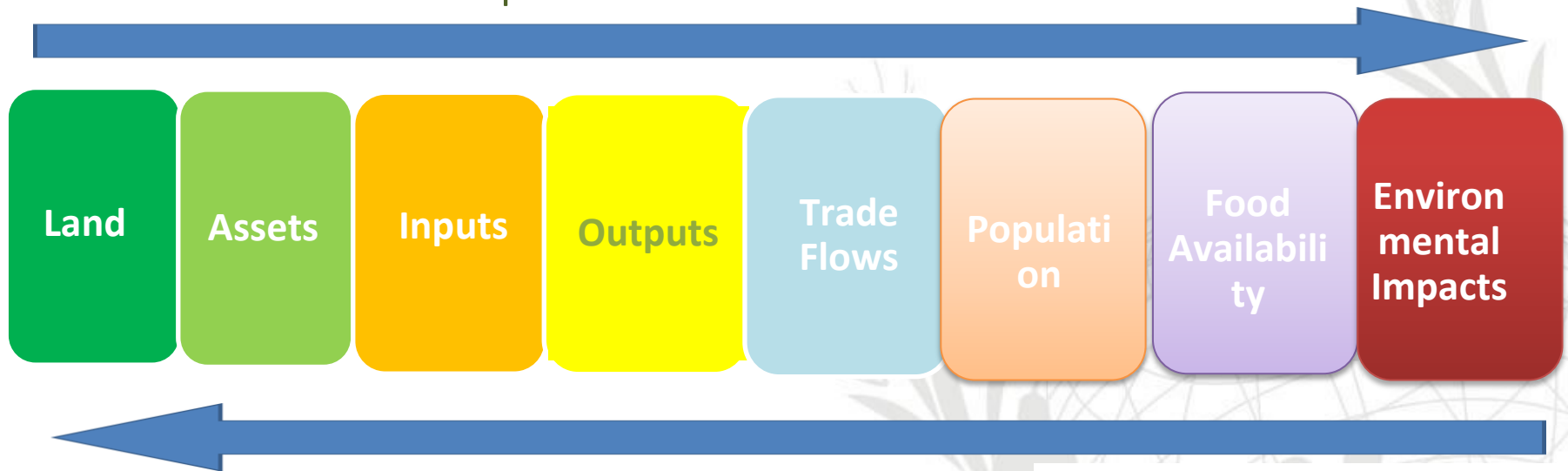
- SEEA-Agriculture covers 10 broad data domains, developed within specialized supply-use and asset accounts tables:

1	Agricultural products and related environmental assets
2	Forestry products and related environmental assets
3	Fisheries products and related environmental assets
4	Water resources
5	Energy
6	Greenhouse Gas (GHG) emissions
7	Fertilizers, nutrient flows and pesticides
8	Land Cover and Land Use
9	Soil resources
10	Other economic data



SEEA Agriculture Forestry and Fisheries: Combined presentations

- The SEEA Agriculture Forestry and Fisheries offers a cross cutting perspective of environmental and economic variables, and a coherent framework for analysis across relevant data domains: Land, Assets, Inputs, Outputs, Trade Flows, Population, Food availability and Environmental Impacts.



Strategy for Country Implementation: Phased Approach

Tier 1: Default, international datasets such as FAOSTAT, FishSTAT, FRA

- Use for gap filling and QA/ QC
- Trend analysis and indicators
- Transparent, coherent cross-country comparison

Tier 2: National data

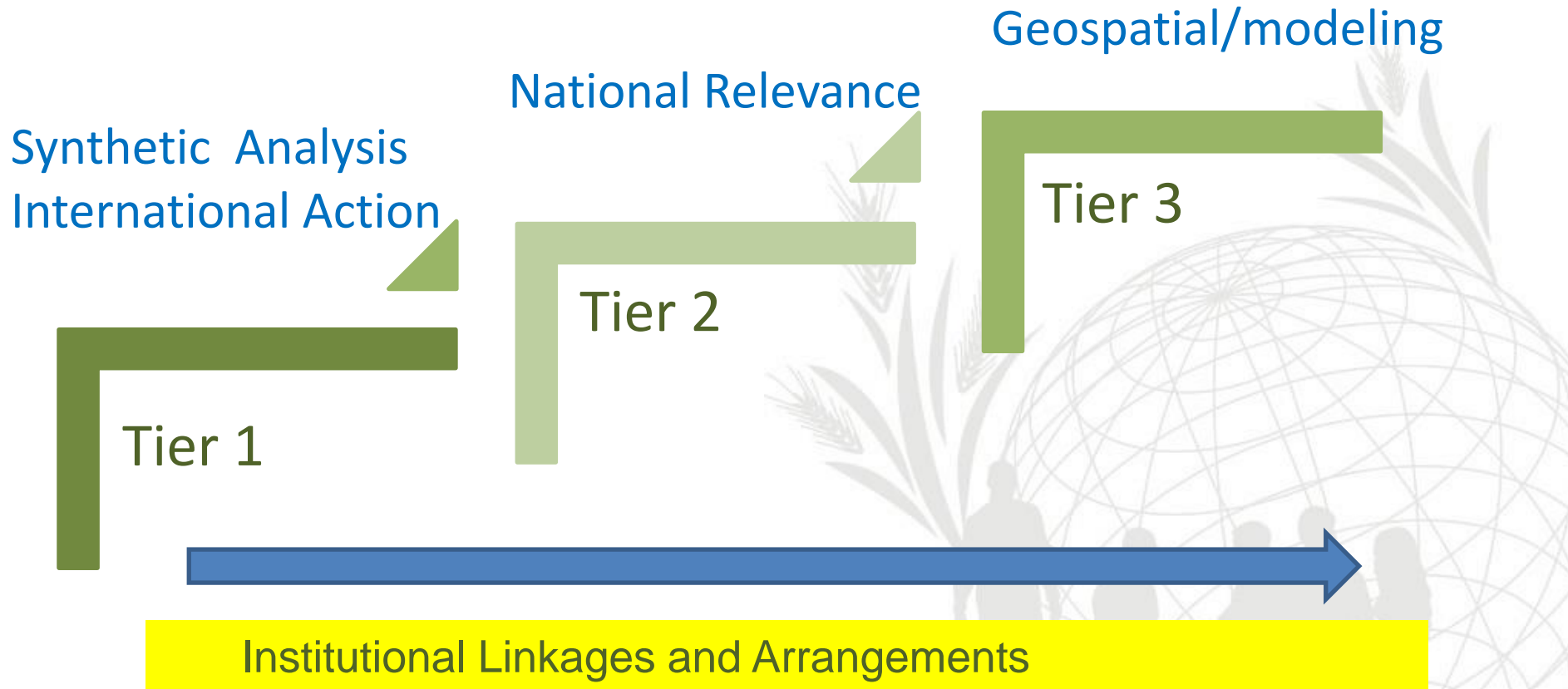
- Appropriate for domestic action
- Broader coverage of sector detail
- Increased analytical potential

Tier 3: Sub-national detail

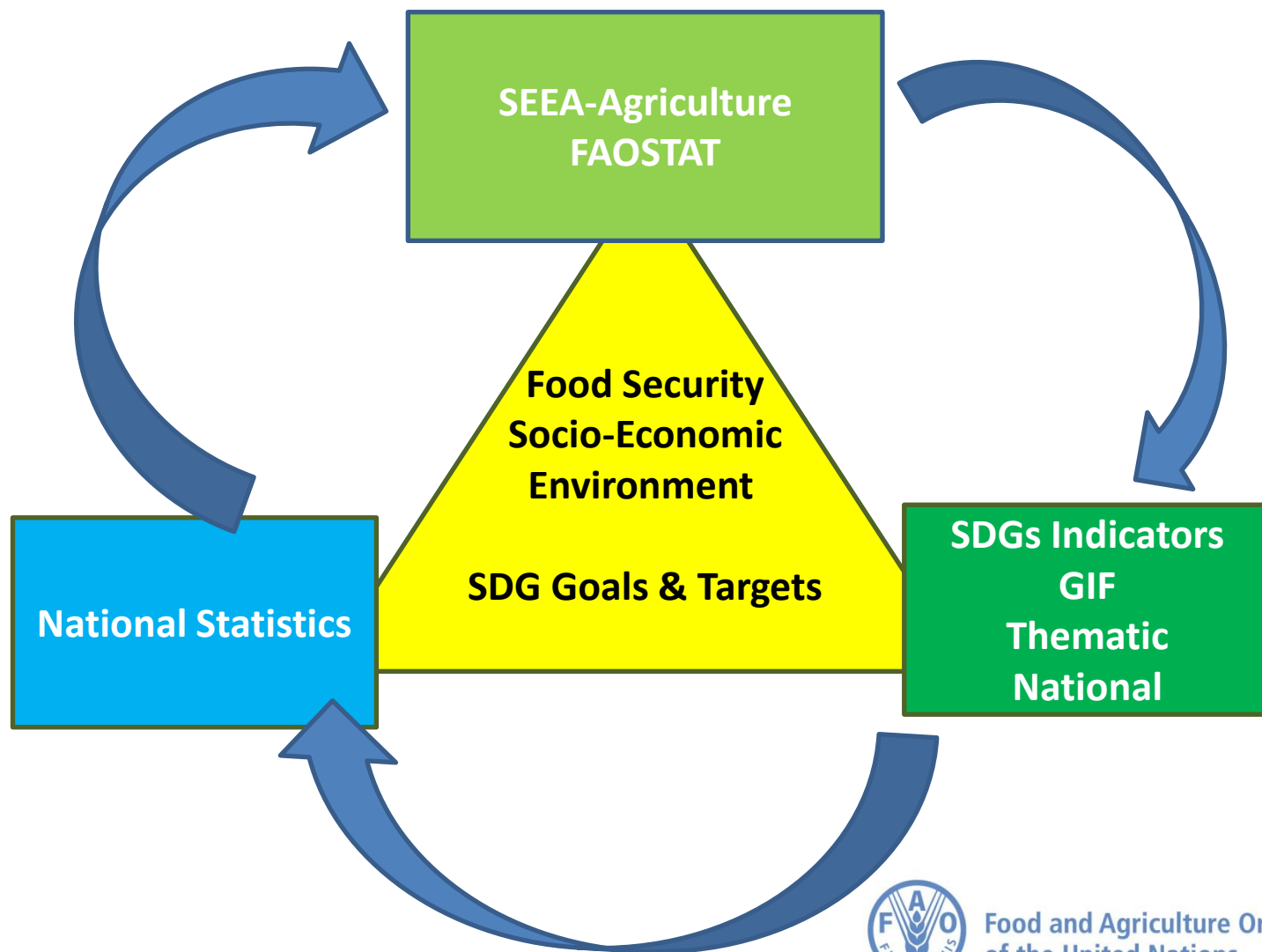
- Geo-spatial data
- Data and Model Integration
- Additional data collection, large data handling capacity



A Phased Tiered Approach for national processes



SEEA and SDGs: A virtuous cycle for improving national statistical systems



Example Targets and Indicators for the SDGs GIF and SEEA: Goal 2: Linking Food Security to Agri-environmental Indicators

- In its “Targets and Indicators for the Sustainable Development Goals and the Post-2015 Development Agenda”, FAO has proposed indicators that could be considered for FAO to monitor progress towards a subset of SDGs and related targets. Examples for Goal 2:

Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality

Indicator 2.4.1 Percentage of agricultural area under productive and sustainable agricultural practices

Soil Quality, Land Cover and Land Use Change; Deforestation and Forest Degradation

SEEA Agriculture

Greenhouse gas emissions/removals, including per unit commodity

Water accounts; water stress indexes



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Next steps

- Adoption of the SEEA Agriculture as statistical standard by the UN Statistical Commission
- Develop an implementation strategy linked to
 - implementation of the SDG indicators
 - SEEA implementation strategy
- Start with the development of SEEA compliant global databases for selected indicators starting from the existing datasets within FAO.



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Thank You!

For additional information:

Environment-statistics@fao.org

<http://www.fao.org/economic/ess/agri-environment/en/>



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