

TEEB for Agriculture & Food 'Scientific and Economic Foundations' report wireframe

§I	INTRODUCTION <ol style="list-style-type: none"> 1. The history of TEEB Revisiting the TEEB approach and its relevance and application to agriculture and food 2. Objectives and rationale of TEEBAgriFood The dominant discourse versus ground reality: significant yet unaccounted positive and negative implications of agriculture and food systems on food security, livelihoods, human health, ecosystem integrity, and climate change, and why economics is central to an agenda for change 3. Relationship to other processes and initiatives In outline : comparisons and links e.g. CICES/ SEEA and SEEA-Agriculture/ IPBES/ SAFA/ IPES-Food (study on health)/ NCC Food & Beverage work/ Post-2015 Development Agenda & SDGs 4. Why 'Foundations'? The need for transparency, consistency, completeness and a robust scientific and economic underpinning for a new and more appropriate discourse on food systems 5. Report structure
§II	AGRICULTURE AND FOOD – A SYSTEMS APPROACH <ol style="list-style-type: none"> 1. Introduction 2. The evolution of thinking in modern agriculture and food systems A historical narrative on the influence of food scarcities, evaporating frontiers, declining trade barriers and neo-classical economics overall on decision-making . The inadequacy/ inappropriateness of not recognizing and demonstrating the full range of 'capitals' and their value f (i.e. impacts and dependencies) within 'eco-agri-food systems' 3. Theory of change How changing the way we view agricultural and food systems can catalyze a broader paradigm shift in evaluation, accounting, education and communication towards changes in policymaking, business and consumer behavior 4. Addressing complexity and feedbacks through systems thinking Viewing biodiversity and ecosystems, human (social and economic) systems and agriculture and food systems as an interconnected whole, rather than independently operating areas of analysis 5. Terrestrial agri-food systems – a reflection on conceptual boundaries Identifying and evaluating the spatial and temporal and value-chain parameters of our analysis 6. System typologies across geographical scales Recognizing and classifying the very different forms of agriculture and food systems; Recognizing and classifying dependencies and impacts of these different types of farming systems occurring at different scales (e.g. farm, landscape, watershed)
§III	AGRI-FOOD SYSTEMS IN AN ECOLOGICAL, SOCIAL AND ECONOMIC FRAMEWORK <ol style="list-style-type: none"> 1. Introduction 2. A universal framework for valuation

	<p>A discussion of existing frameworks and the merits and limitations of the TEEBAgriFood valuation framework and lexicon as a widely accepted guide for evaluating agricultural systems, practices, products, or policy scenarios against a comprehensive range of impacts and dependencies across the value chain</p> <p>3. Visible and invisible flows Identifying what to value and why, including value components reflected in Systems of National Accounts, biodiversity and ecosystem services, health, pollution, emissions, and waste impacts, employment generation, social issues, risks and uncertainties, and system resilience</p> <p>4. Beyond farm gate – a look across the agri-food value chain Identifying where impacts occur, from inputs into production all the way to consumption and waste</p> <p>5. Metrics for valuation Addressing what metrics can be quantified and qualified for each ‘flow’ at each stage of the value chain, and considering lock-ins, leverage points, and governance factors that influence these metrics</p>
§IV	<p>MEASURING, MODELING AND METHODS</p> <p>1. Introduction</p> <p>2. Using the framework, and the state of existing research The framework as a “set” rather than a “menu”; Recognizing the limits of available research; Prioritizing research to ‘populate the framework’; Commentary on the evolving nature of the framework, in that issues, concerns, methods and data recorded today will differ from those used tomorrow</p> <p>3. From the “What and Why” to the How of Valuation? From Valuation Framework to Valuation Methodologies; Exploring different methods for valuation, their applicability, and how to select the one most fit-for-purpose; include summary of useful valuation methodologies (including overview from TEEB-D0 Ch5)</p> <p>4. Applying the framework Using concrete examples to demonstrate how the framework can be operationalized in practice by evaluating production systems, management practices, impacts of alternative products, and policy scenarios; the results of the 4-5 new studies commissioned for applying the Framework are summarized here</p>
§V	<p>MAINSTREAMING TEEBAGRIFOOD IN DECISION-MAKING</p> <p>1. Introduction</p> <p>2. The pervasiveness of agri-food system issues across the Post-2015 Development Agenda and the SDGs</p> <p>3. A message to policymakers</p> <p>4. A message to businesses</p> <p>5. A message to farmers</p> <p>6. A message to citizens</p>