



Research & Innovation, Advocacy & Impact

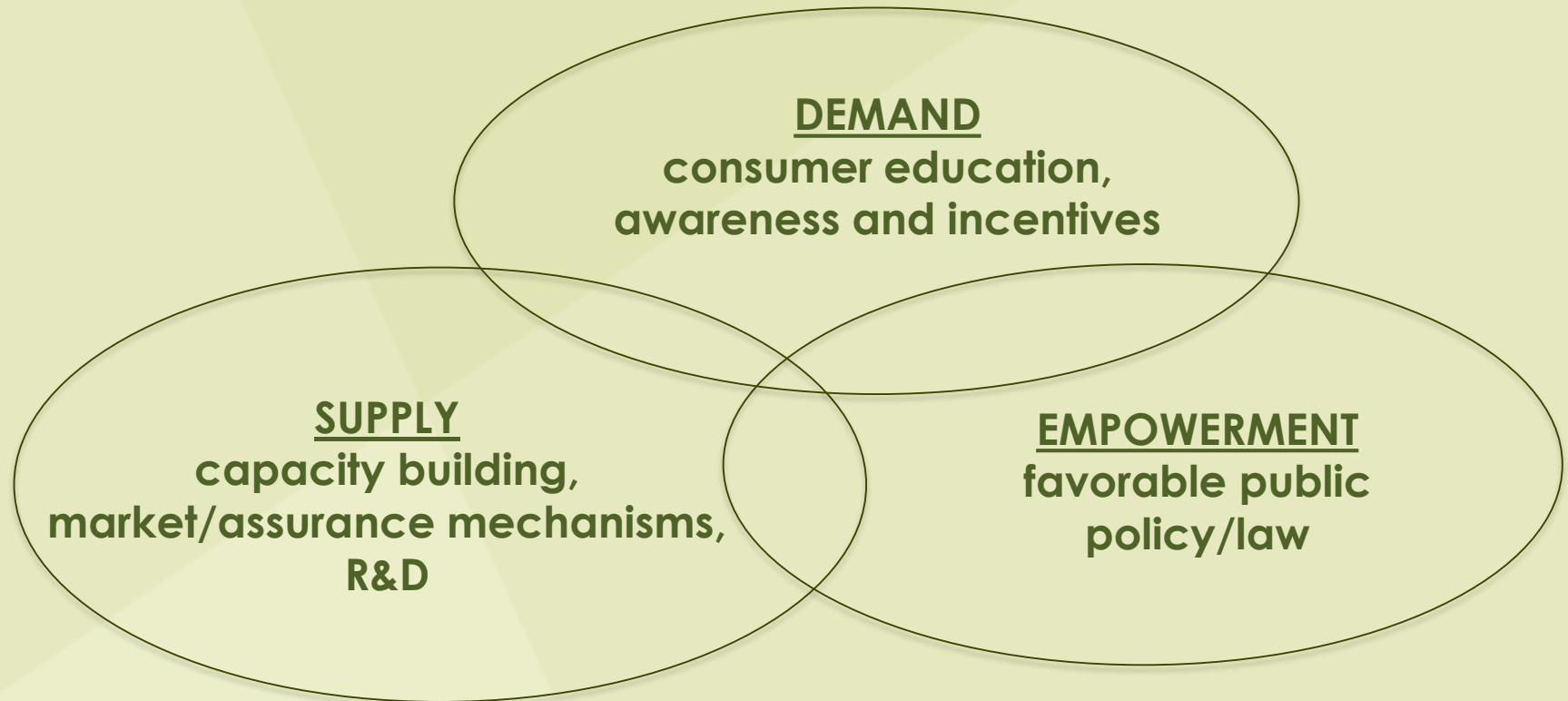
TIPI Science Day, 17 February, 2017 – Nuremberg, Germany
David Gould, Program Facilitator

Global relevance

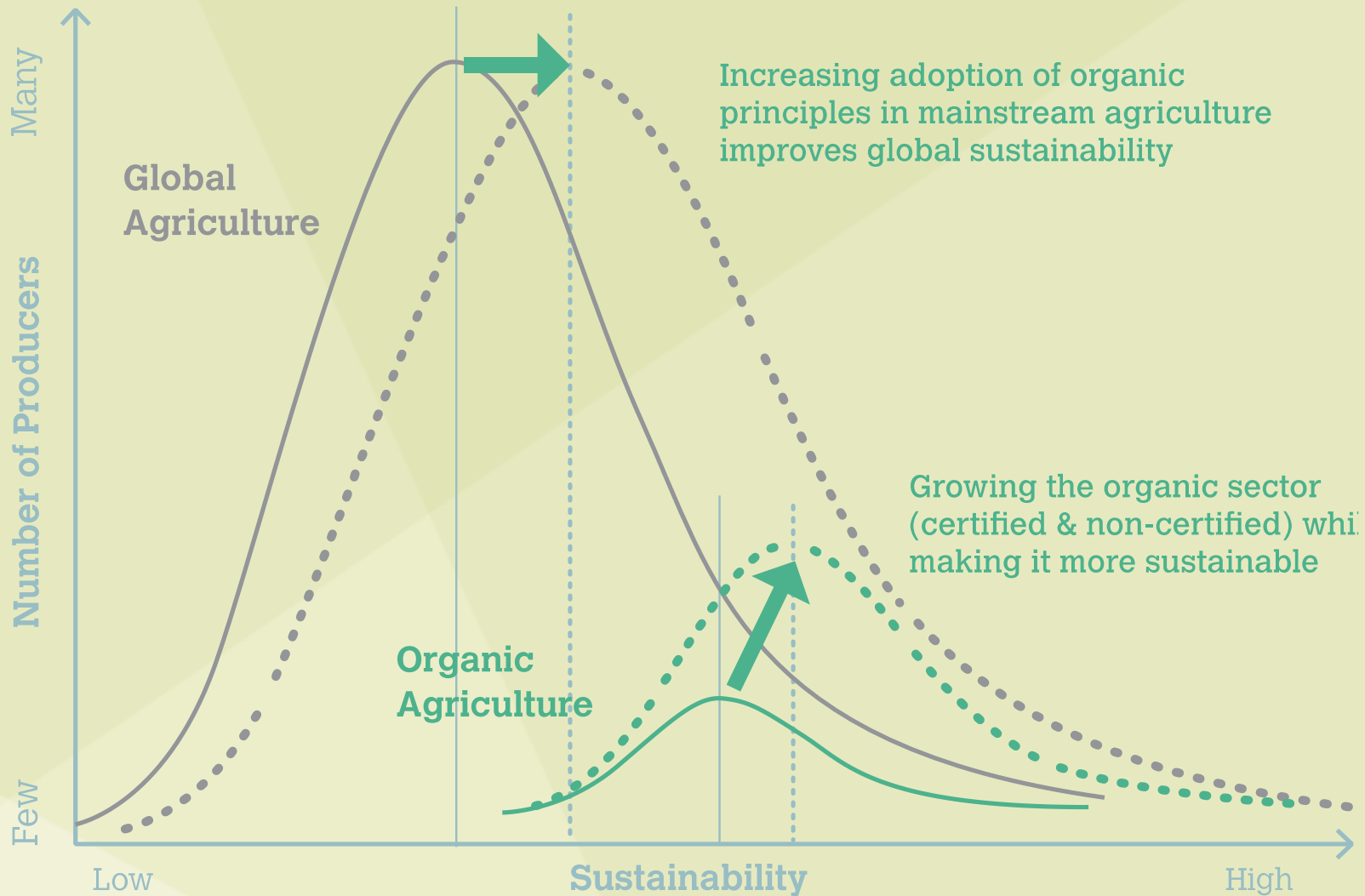


Working Toward a Common Framework...

Theory of Change



Relating the benefits of organic



Integrating organic into societal life...

OFFS – Organic food and farming *systems*

Common
Accountability
Framework

Inclusive
Transparent
Societies

Research
& Innovation



Attributes of a Sustainable (Organic) Food System

In a 3.0 world, food systems succeed food chains.

- ★ **Inclusiveness**
- ★ **Gender equity**
- ★ **True costs and responsibility accounting**
- ★ **Coordination of research & innovation**
- ★ **Consumer awareness and behaviors**
- ★ **Strengthening value chain relationships**
- ★ **Transparency**

<http://www.ifoam.bio/en/organic-30/organic-food-system-program>

OFSP: Weaving innovation & research into food systems – local systems coordinated globally

Funding research and innovation

Plugging in...

globally, nationally, regionally, locally

Funding for what? Which practices?

Ones that are proven to have the most positive impact, potential impact, and need more of the same.

The evidence is on our side.

Agriculture-based Sustainability Goals

Environmental Protection	Protection of soils, water, and air
	Biodiversity stewardship
	Animal welfare enhancement
	Climate change mitigation
	Better use of non-renewable resources
	Reduction of waste and use of non-recyclable materials
Human Health	Nutrient availability and density
	Culturally appropriate food diversity/diet/consumption patterns
	Non-toxic products (food and non-food)
Quality Livelihoods	Employment opportunities and wages
	Safe and good working conditions
	Learning/enrichment opportunities

Convergence



NATURAL CAPITAL COALITION

FOOD AND BEVERAGE SECTOR GUIDE

APPAREL SECTOR GUIDE



NATURAL CAPITAL COALITION



NATURAL CAPITAL COALITION

eat



GLOBAL ALLIANCE FOR THE FUTURE OF FOOD

GAINING RELEVANCE



*room for improvement...[enter
organic]*

NATURAL CAPITAL
PROTOCOL

**FOOD AND
BEVERAGE
SECTOR GUIDE**



NATURAL
CAPITAL
COALITION

NATURAL CAPITAL
PROTOCOL

**APPAREL
SECTOR GUIDE**



NATURAL
CAPITAL
COALITION

<http://naturalcapitalcoalition.org/protocol/sector-guides/>

room for improvement...[enter organic]

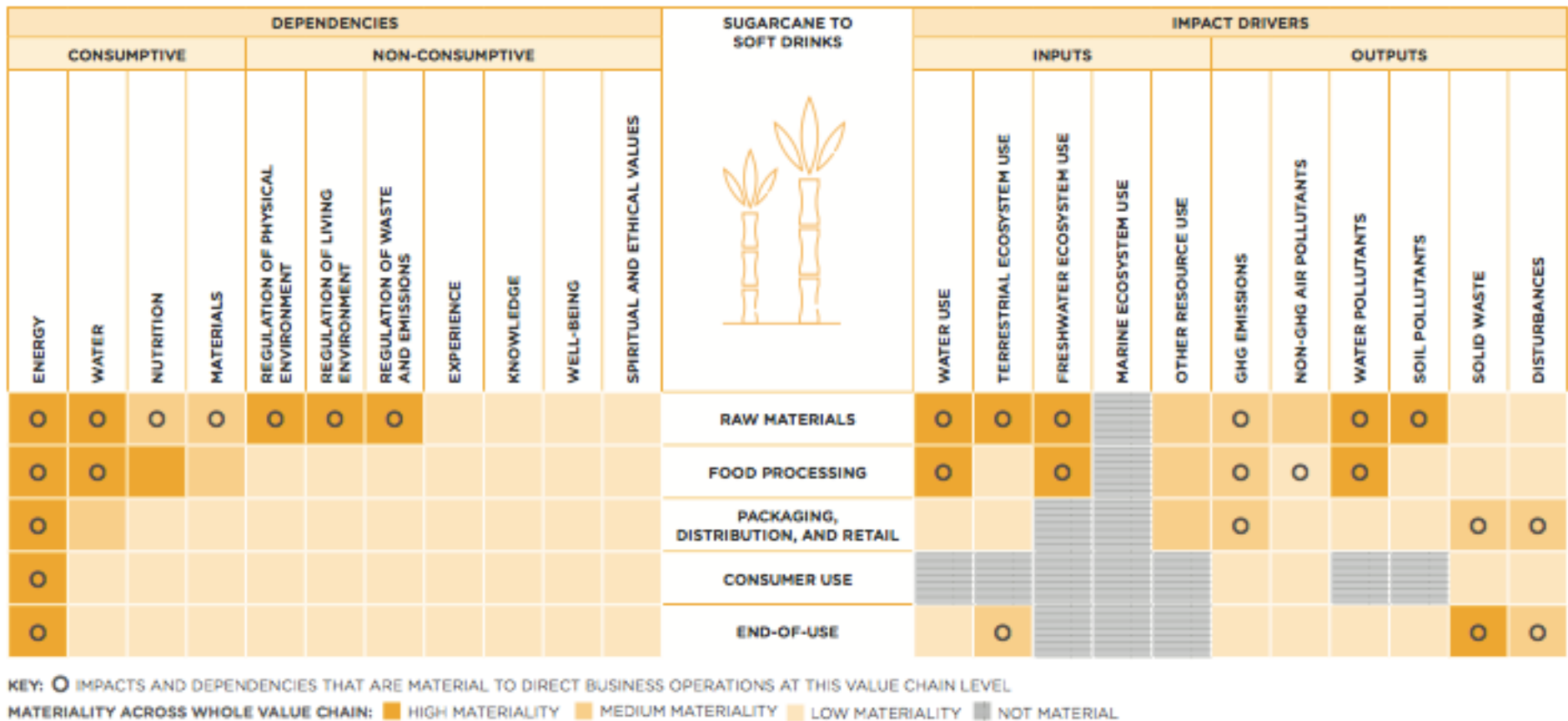


Figure 4.5
 Indicative materiality matrix for the value chain of sugarcane used to produce soft drinks

Environmental Protection
<ul style="list-style-type: none"> • Protection of soils, water, and air • Biodiversity stewardship • Animal health & welfare • Climate change mitigation • Reduced use of non-renewable resources • Non-recyclable materials and waste reduction

Outcomes/Impacts

Human Health
<ul style="list-style-type: none"> • Nutrient availability and density • Culturally appropriate food diversity/diet/consumption patterns • Non-toxic products (water, food, non-food)

Quality Livelihoods
<ul style="list-style-type: none"> • Employment opportunities and wages • Safe and good working conditions • Learning/enrichment opportunities



Consumers



waste



recycling

Distribution/
Trade



Energy: transportation



Energy: storage



waste



people

Practices

Processing



Ingredient choices



processing methods



waste



packaging



water use & effluent



recycling



Energy efficiency



people

Farming



Land use



Inputs for fertility
And pest management



Livestock health
& welfare



water use



Breeding techniques



GHG emitting
Energy sources



people

Common resources



people



Water



soil



air



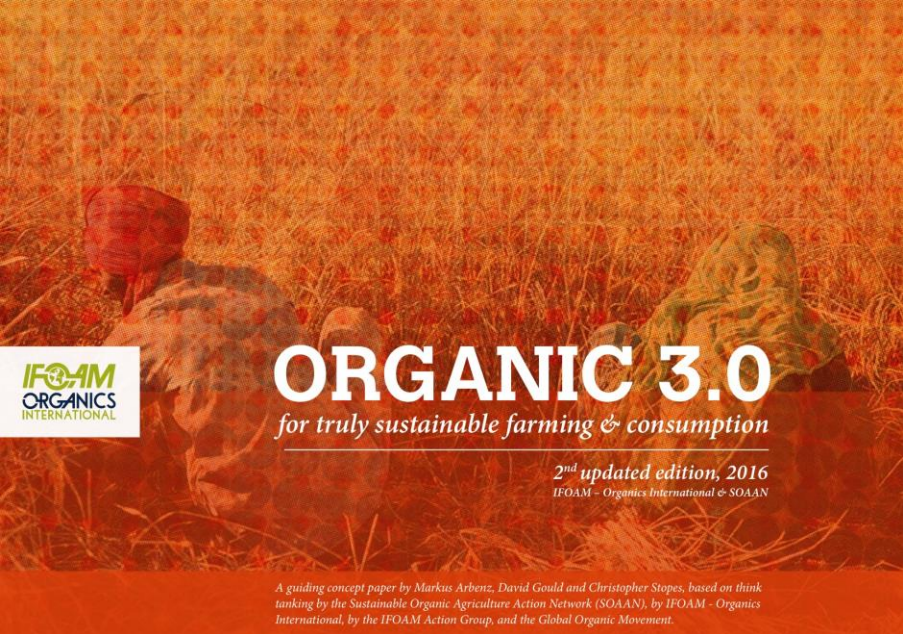
wild
biodiversity



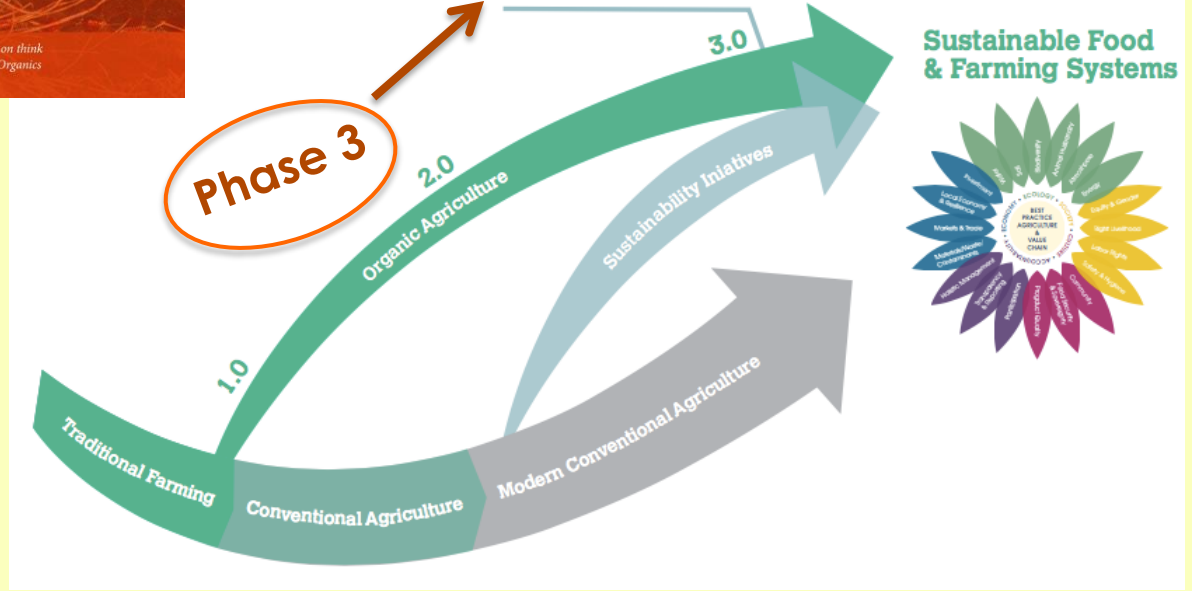
Cultivated
biodiversity:
Plants, animals, etc.



Mineral
resources



- #1 A culture of innovation
- #2 Continuous improvement towards best practice
- #3 Diverse ways to ensure transparent integrity
- #4 Inclusive of wider sustainability interests
- #5 Holistic empowerment from farm to final consumer
- #6 True value and fair pricing



Operational objective related to feature #1:

Impacts of the organic sector are assessed, achievements are evaluated, bottlenecks to future developments are recognized, innovation opportunities are identified, new technologies are evaluated against the principle of care and suitable innovations/best practices are promoted.

Innovation dimensions

policy
social
economic
technical
assessment/analytic/metric

A full spectrum of opportunities



Innovation Committee Landscape

“...Innovation committees get the same type of importance as standards committees in Organic 2.0.”

Scalability/applicability: innovation vs. invention

- ✓ **Intake**
- ✓ **Evaluation**
- ✓ **Mapping (images or links)**
 - ✓ map filters/Levels of innovation
- ✓ **Coordination**

Powered by:



Innovation Committee

Intake and coordination

1. Does it violate IFOAM norms?
2. Which of the Best Practice dimensions does it address, and how?
3. What results have been obtained? What challenges appeared? Which limitations apply?
4. Is it a novelty?
5. Is it an improvement? Might it have potential drawbacks? Could it result in an undesirable simplification of systems?
6. Is it scalable? What might be barriers or bottlenecks?
7. Is this appropriate for the IC? for TIPI? For other?
8. Does it move toward Organic 3.0 (is it relevant to at least one feature) and at what scale/scope?
9. Recommendations of the IC

How to coordinate IC and TIPI?

- Setting Priorities – terminology, categorization, challenges
 - https://docs.google.com/document/d/1iGZD8QEFODijLhkCgj_dXVZMilca77T81L6iqRWJdXuE/edit
- Messages and dissemination
- Feedback loops: practice and theory
- More common platform for coordination and dissemination.

Resource Mobilization Strategy

Actionable Projects

through a common-benefits lens

Stakeholder engagement targets and strategies

for researchers and funders

Communications

Messengers, Publications, & Ambassadors

Harmonized messaging

Common endorsers and endorsements, crowd funding for impact

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Thank you.