



Organic Integrity and Organic 3.0

Safeguarding Organic Integrity in Growing Global Markets

September 21, 2017
Odesa, Ukraine

Peggy Miars, IFOAM – Organics International World Board

757 AFFILIATES
115 COUNTRIES

40 YEARS
LEADING,
UNITING
AND
ASSISTING
THE
WORLDWIDE
ORGANIC
MOVEMENT.

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Organic farming is a system of production that seeks to optimize the health and vitality of the soil, the plants, the animals and the people who work the land. It is based on the principles of ecological balance and the use of natural resources. Organic farming is a holistic approach to agriculture that takes into account the entire ecosystem, from the soil to the sky. It is a way of farming that is both sustainable and profitable.

Sustainable use of biodiversity / Biodiversity and climate change / Agriculture biodiversity / Biodiversity of dry and sub-humid lands



**BE PART OF THE GLOBAL ORGANIC
MOVEMENT. APPLY TODAY.**

OMRI (Organic Materials Review Institute)

OMRI is a U.S.A. based nongovernmental / nonprofit organization that reviews input materials such as fertilizers, feed additives and processing aids to determine whether they meet the organic standards. Certifiers around the world rely on our products lists.



Organic Integrity and Organic 3.0

Agenda

- Organic 1.0 → Organic 2.0 → Organic 3.0
- Organic imports into the United States
- Organic 3.0 Feature #3: Diverse ways to ensure transparency and integrity
- bioC
- Transitioning from Organic 2.0 to 3.0:
A Call for Action

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THANK YOU TO OUR SOAAN CONTRIBUTORS:



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INTERNATIONAL

ORGANIC 3.0

for truly sustainable farming & consumption

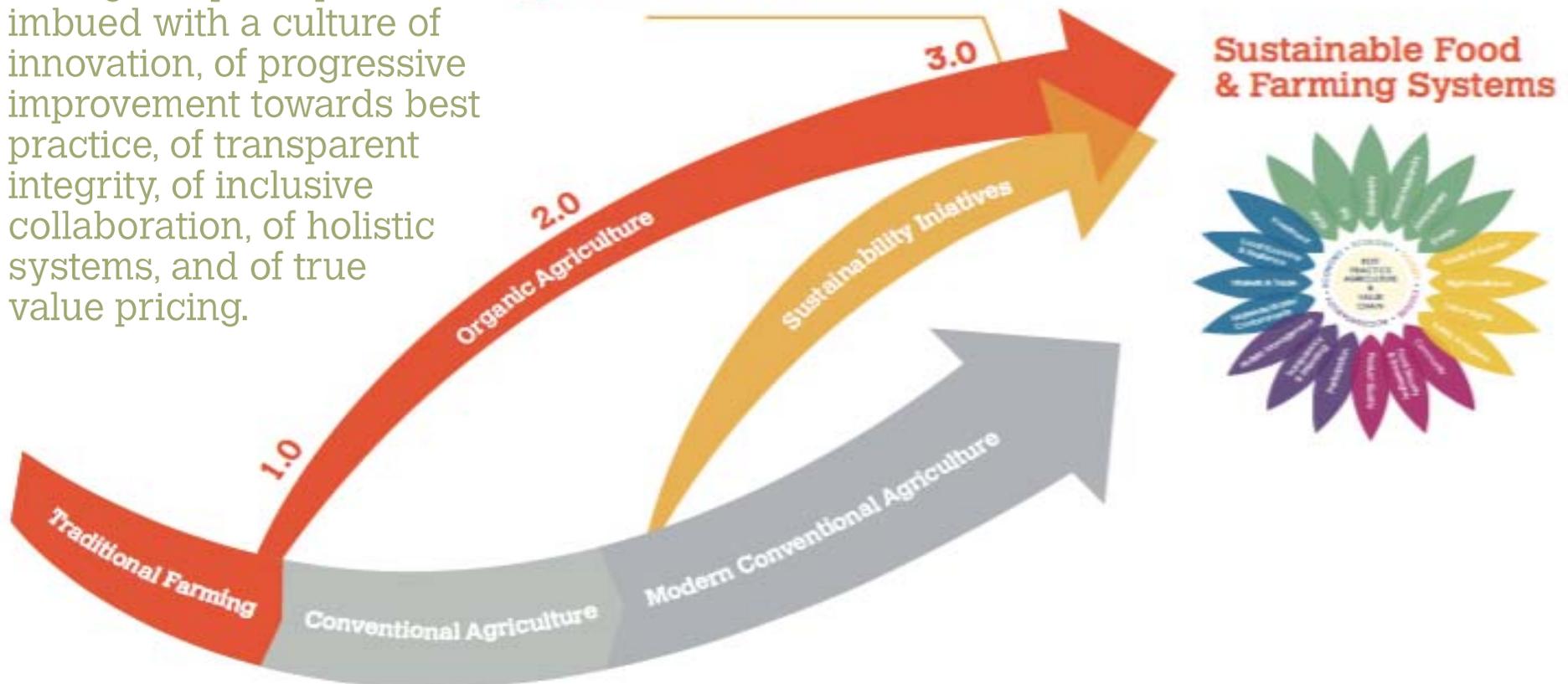
2nd updated edition, 2016
IFOAM – Organics International & SOAAN

A guiding concept paper by Markus Arbenz, David Gould and Christopher Stopes, based on think tanking by the Sustainable Organic Agriculture Action Network (SOAAN), by IFOAM - Organics International, by the IFOAM Action Group, and the Global Organic Movement.

Organic 3.0 Worldview

The overall goal of **Organic 3.0** is to enable a widespread uptake of truly sustainable farming systems and markets based on organic principles and imbued with a culture of innovation, of progressive improvement towards best practice, of transparent integrity, of inclusive collaboration, of holistic systems, and of true value pricing.

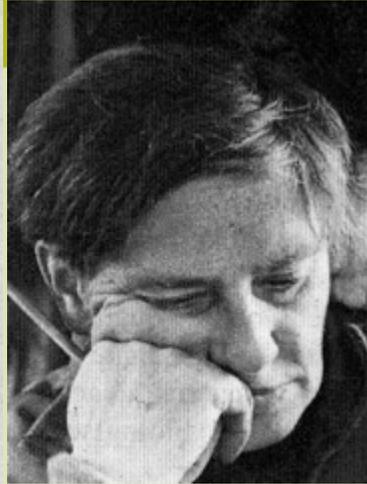
- #1 A culture of innovation
- #2 Continuous improvement towards best practice
- #3 Diverse ways to ensure transparent integrity
- #4 Inclusive of wider sustainability interests
- #5 Holistic empowerment from farm to final consumer
- #6 True value and cost accounting



History, Organic 1.0



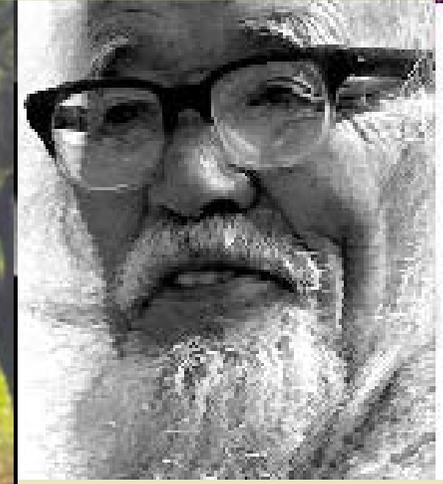
Sir Albert Howard († 1947)



Lady Eve Balfour (†1990)



Bashkar Save



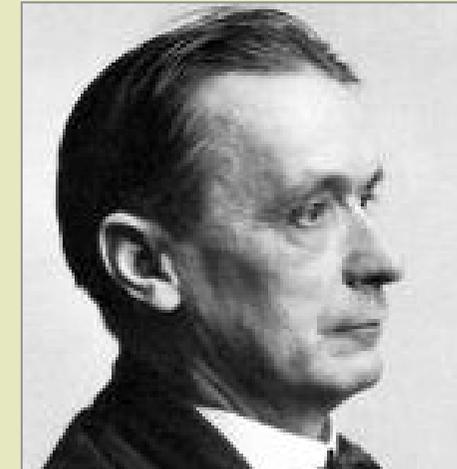
M. Fukuoka



Hans († 1988) und Maria Müller († 1969)



Jerome Irving Rodale († 1971)



Rudolf Steiner († 1925)

Organic 2.0

World Map of Organic Agriculture (hectares)

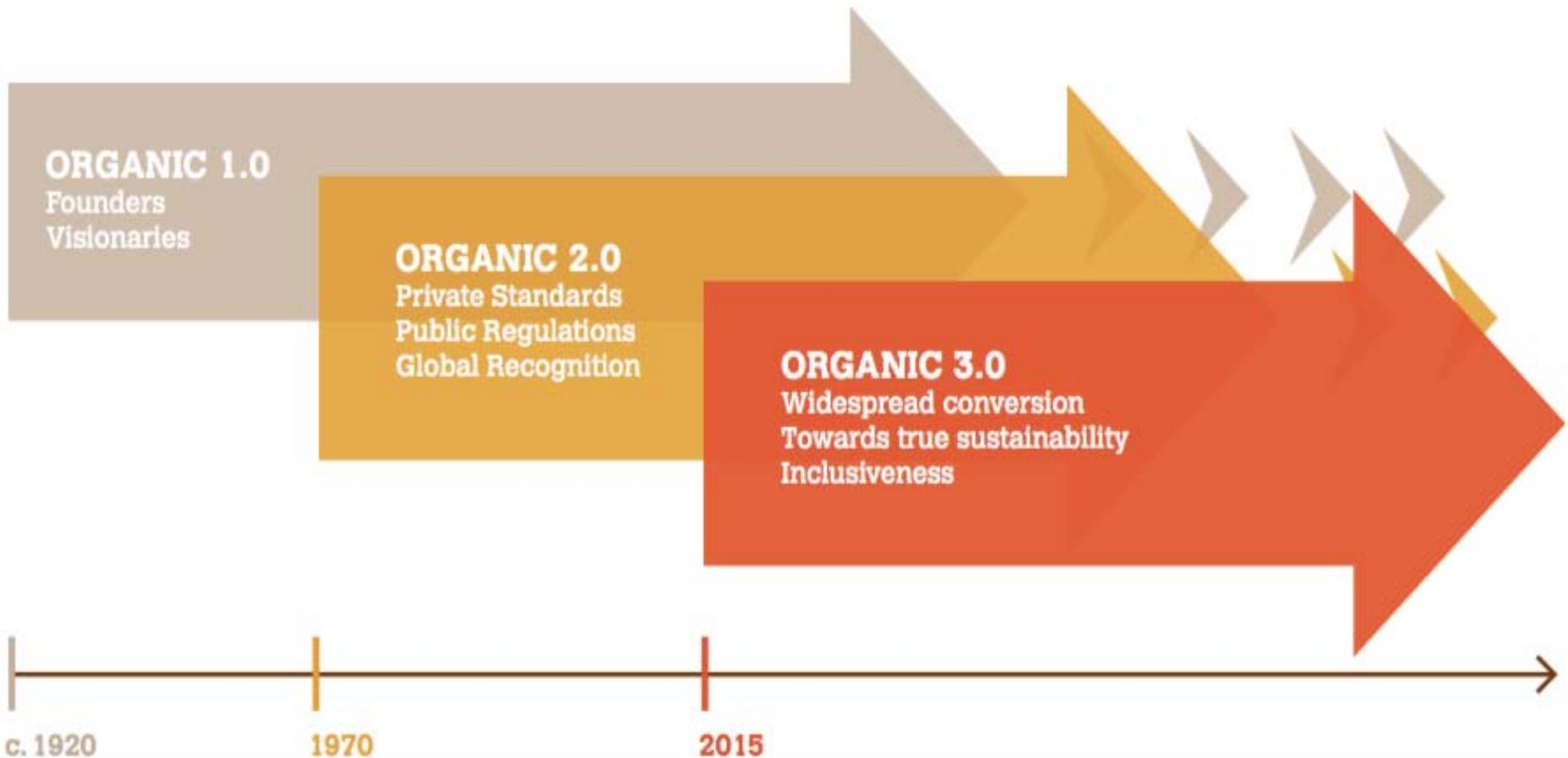


Standards and certification are the main drivers of growth in organics.

What is Organic 3.0?

This is the third phase of the global organic movement

FIGURE 1 | Widespread Conversion Development Towards True Sustainability Inclusiveness



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The Washington Post

Democracy Dies in Darkness

Business

The labels said 'organic.' But these massive imports of corn and soybeans weren't.

639 Comments

By Peter Whoriskey May 12

USDA United States Department of Agriculture

Agricultural Marketing Service

National Organic Program

ORGANIC INSIDER



Training Webinar for Organic Handlers:

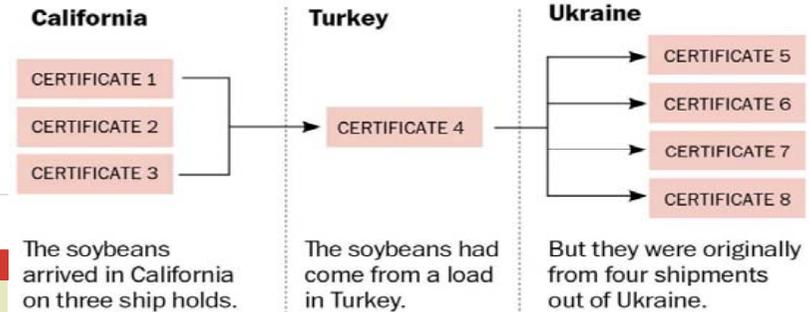
June 14

On June 14, the Agricultural Marketing Service (AMS) National Organic Program (NOP) is holding a one-hour training webinar for organic handlers. **The topic is Organic Integrity in the Supply Chain.**

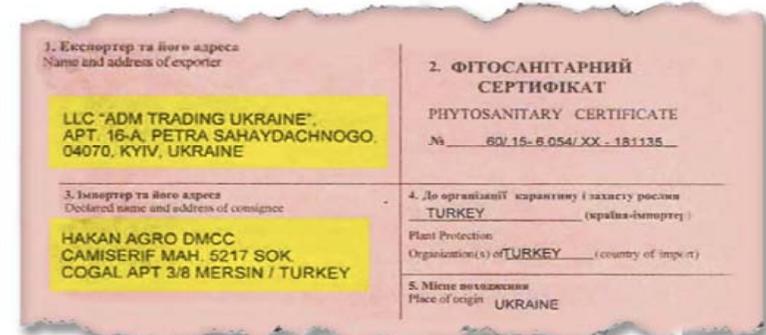
ORGANICS INTERNATIONAL

How 36 million pounds of soybeans became "organic"

A shipment of "USDA Organic" soybeans arrived in Stockton, Calif., in December. But were they really organic? The Post was able to trace the shipment from California back through Turkey to their source in Ukraine by using a set of linked health certificates, like the one on the right, that accompanied the soybeans.



The health certificates for the trip from Ukraine offered two clues that the soybeans were not organic. **The first clue:** The shipment from ADM originated in Ukraine and was delivered to Turkey. ADM does not sell organic products.



The second clue: The soybeans were fumigated with aluminum phosphide, which is not allowed under organic rules.



Fraud impacts the reputation of whole regions

AssoBio

AssoBio
Sede legale: Piazza dei Martiri 1, 40121 Bologna
Ufficio operativo: Via Falloppio 5, 35121 Padova
c.f. e p.iva 02685091205
registrata a Padova, Registro Atti Privati n.10107/2006

Associazione nazionale delle imprese di trasformazione e distribuzione dei prodotti biologici



Fraudulent activity related to imports of grains intended for processing and foodstuff for human and domestic animals consumption originated from a number of countries, namely **Moldova, Ukraine and Kazakhstan**, directly towards **Italy** or through **Malta, Slovenia and Romania**.

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Organic 3.0 Feature #3: Diverse Ways to Ensure Transparency and Integrity

- Different and new verification schemes will be practiced depending on the length and complexity of value chains.
- For long chains, paperwork might be complemented and reduced by modern options such as tracing and tracking technologies, which will be widely used as they become more affordable.

Organic 3.0 Feature #3: Diverse Ways to Ensure Transparency and Integrity

- Greater transparency across the value chain and among all relationships will help ensure that potential conflicts of interest are more readily exposed.
- Organic 3.0 communications systems will enable parties to identify and address their concerns.

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What is bioC?

- an internet based platform of organic certification data (www.bioc.info)
- a source for transparent and valid certification data
- a tool for verifying and monitoring the authenticity of certification status
- Search currently includes:
 - Data from 42 certifiers
 - Organic operations in 20 countries
 - 100,000 certificates from 80,000 organic operations
 - Discussions with USDA National Organic Program
- Its intention is to safeguard the origin and integrity of organic products
- In collaboration with IFOAM – Organics International, bioC will extend to a worldwide directory



Product monitoring with notification service



Certified products

This list may be incomplete. If you need a complete list, please look at the certificates directly.

Bioland

- Fleisch, Fleischerzeugnisse, Glühwein, Handel mit Naturkostprodukten (Processed, organic)
- Eier, Geflügel, Milch, Rinder (Animals, organic)
- Beerenobst, Futterbau, Gemüse, Getreide, Grünland, Kartoffeln, Streuobst, Zierpflanzen (Plants, organic)

Naturland

- Ackerbau, Feingemüse, Gemüse, Grünland, Johannisbeeren, Kartoffeln, Stilllegung, Streuobst, Zierpflanzen, Vegetables (Plants, organic)
- Corned Beef, Div. Wurstsorten im Glas, Rindfleisch, Rindfleisch-Sülze, Schweinefleisch (Processed, organic)
- Legehennen, Rinder, Eier, Kuhmilch, Eggs (Animals, organic)

Standard EU VO 834/2007

- Grünland (Plants, conventional)
- Sonstige Ackerfläche (Plants, In conversion)
- Fleisch, Wurst, Bio-Lebensmittel gemäß aktueller Sortimentsliste, AHV-Events: Glühwein (Processed, organic)
- Getreide (Hafer, Weizen, Triticale), Gemüse, Hackfrüchte, Streuobst, Beerenobst, Blumen, Grünland, Futterbau (Plants, organic)
- Milchkühe, Milch, Legehennen, Eier (Animals, organic)

Products from certificate

Monitoring

Bio standard	Monitored	Activity monitored	Lastly monitored	Status	Last activity
Bioland	<input checked="" type="checkbox"/>	Activity is not delivered	6/17/16	Valid	
Standard EU VO 834/2007	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6/17/16	Valid	Erzeugung, Verarbeitung, Handel (Lastly accepted on: 6/15/16)
Naturland	<input type="checkbox"/>	Activity is not delivered			

Safe

Stop monitoring

Monitor products

Bio standard	Product	Lastly monitored	Status	Actions
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Search

Productname

Milch

Search

Searching for products on certificates

Results

- Bioland: Milch (Animals, organic)
- Standard EU VO 834/2007: Milch (Animals, organic)

Add

Add

Button to activate monitoring for product with standard an status



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Transitioning from Organic 2.0 to 3.0: A Call for Action

- **Umbrella Organizations:** Clarify the elements of organic standards that are central to achieving required outcomes. Create a culture of continuous improvement towards best practice.
- **Research and Development:** Support operators and certifiers in their efforts for continuous improvement through the development of better benchmarking, novel technology for tracing (GPS, webcams, etc.), reporting and other tools.

Transitioning from Organic 2.0 to 3.0: A Call for Action

- **Organic Operators:** Reassess their current scheme for organic guarantees. Make transparency a fundamental organizing principle of assurance systems.
- **Governments and International Organizations:** Review agricultural policies and adopt updated organic strategies. Support the development of accountability and transparency initiatives.

The need for Organic 3.0 is highlighted by some challenges of Organic 2.0



- **Challenge:** Organic standards set minimum requirements and not a high target. In certain instances, this leads to operations that meet standards but that neither fulfill the Organic Principles nor progress toward true sustainability.
- **Challenge:** Not all production techniques allowed under standards and certification fully meet the Organic Principles (e.g., social requirements, fairness in trade, recycling of nutrients, etc.).
- **Challenge:** The certification system can't fully avoid fraud, especially in longer chains.



1998

2000

2002

2005

2008

2011

2014

2017



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19TH ORGANIC WORLD CONGRESS

जैविक कृषि विश्व कुंभ

9 - 11 November 2017 | New Delhi, India



Main Track



Farmers' Track



Scientific Track



Marketing Track



Working towards impact!

Thank you for your attention