

Positioning the Biocontrol Industry in Sustainable Food Production

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Welcome to ABIM 2020



FiBL



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IBMA
INTERNATIONAL BIOCONTROL
MANUFACTURERS ASSOCIATION



Since 2019 there is more evidence of planetary harm

- **Public Health - Global COVID pandemic**
- **Global wildfires in forests, tundra and wetlands**
- **Record biodiversity losses in land and sea**

PLANETARY BOUNDARIES

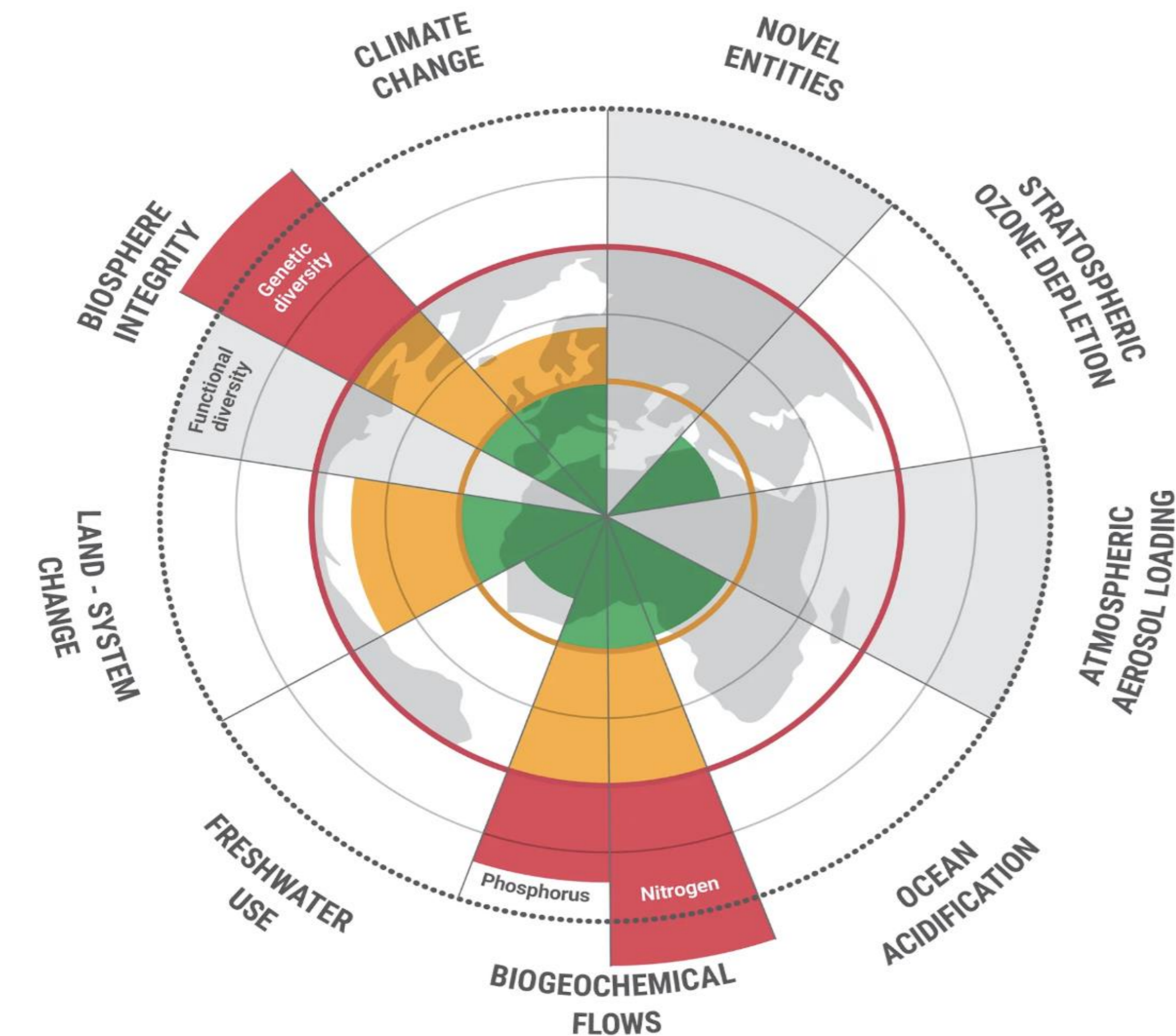
A safe operating space for humanity



Planetary Boundaries are exceeded

Evidence is now clear

- 9 boundaries
- All factors are interconnected
- In 2009, the biodiversity, nitrogen cycle and flows already exceeded, now in 2020 the land use and freshwater use are also in amber and red.



■ Beyond zone of uncertainty (high risk)
■ In zone of uncertainty (increasing risk)
■ Below boundary (safe)
■ Boundary not yet quantified

Adapted from
Nicolas Cock
Duque

Source: Steffen et al. Planetary Boundaries: Guiding human development on a changing planet, Science, 16 January 2015.
Design: Globaia

<https://www.ecologyandsociety.org/vol14/iss2/art32/>

Agriculture is a major contributor

“Nothing less than a radically transformed agricultural system will be required with numerous changes made to all aspects of production”.

Beddington et al 2012



Shifting to regenerative agriculture is fundamental

“Shifting to regenerative agriculture requires a fundamental transformation in the goals of our agriculture system from one focused exclusively on maximising yield and efficiency to one that pursues economic, environmental and social outcomes alongside productivity”.

Forum for the Future 2020 Report Growing our Agriculture

Bioprotection is key to the transition



Benefits of Bioprotection

For regenerative agriculture we need bioprotection at the heart of the pest and disease programme.

It is not business as usual – it is a biology first approach and agroecological approach.



Bioprotection – New Regulation Principles

Precautionary

Precautionary at farm level – safety to farmers, the environment and the public

Proportionality

Inherently low risk of biologicals merits a reduced evaluation and minimal re-evaluation process

Safe Use

Where safe use demonstrated on one crop and no MRL they could be used on all crops

Right to know

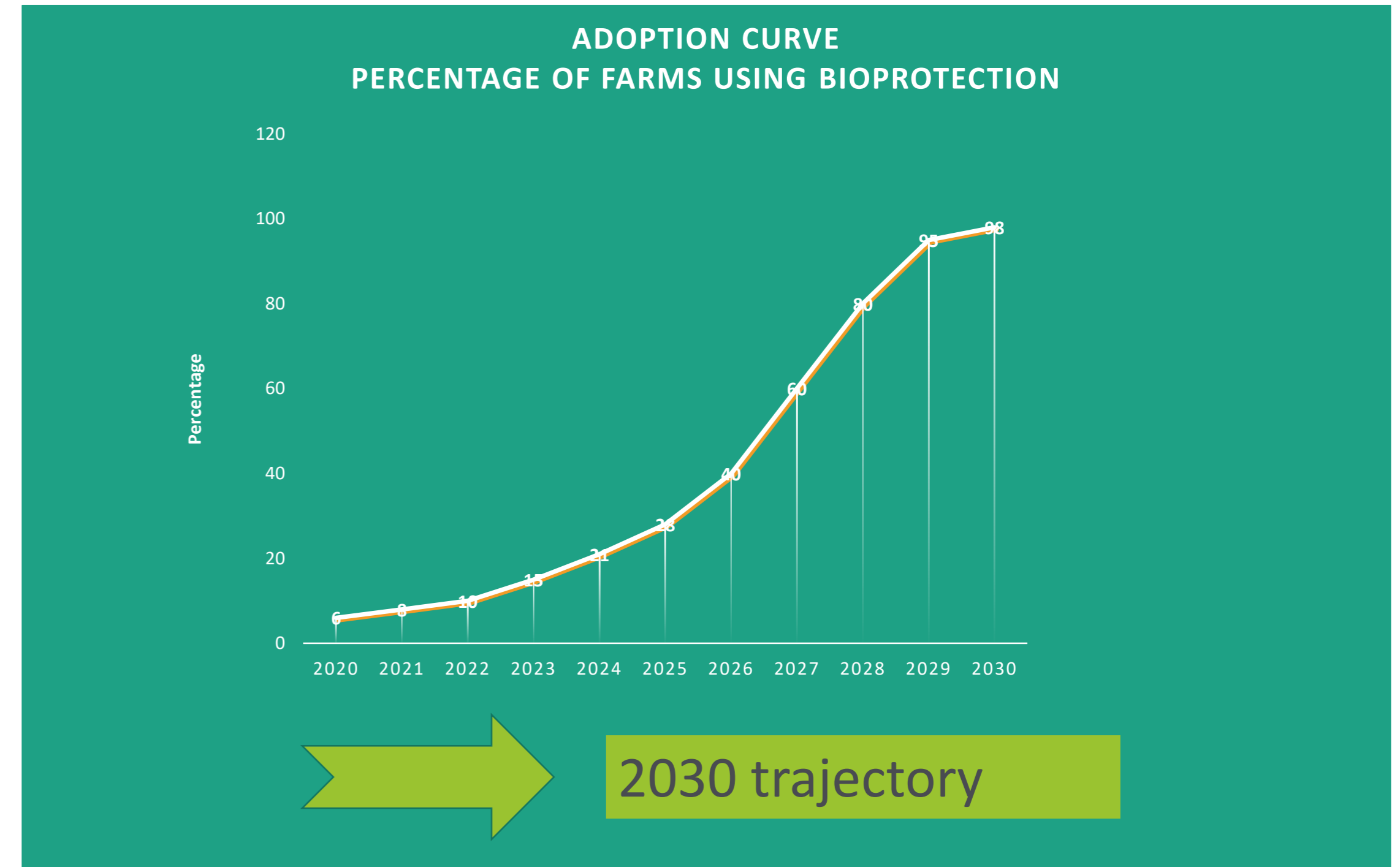
A biological specific regulation can give consumers more information on the origin of their food and boost their confidence



An Enabling Environment for Bioprotection Requires:



1. Systemic Approach to accelerate regulatory change
2. Public policy to enhance the bioeconomy
3. Removing subsidies supporting degenerative practices and support regenerative approaches
4. Proportionate regulation to speed up market access
5. New skills for all farmers, bioprotection, monitoring, digital and big data.



Market Share	Bioprotection
2020	6
2025 Target	25
2030 Target	50 - 75

IBMA Strategy 2020-2025



Two strategic themes to accelerate adoption of bioprotection

Biocontrol is a reality

Demonstrate that bioprotection use on a large scale is profitable to farmers, enhances biodiversity and soil health



Proportionate Regulation

Advocating for a new biological regulation specific to biologicals to speed up market access and provide certainty to investors



IBMA Two Strategic Themes

BIOCONTROL IS A REALITY

PROPORTIONATE REGULATION

01. Industry Statistics

- Industry Survey

02. Biocontrol Examples

- New Website
- www.ibmabiocontrolsuccess.org

03. Food Value Chain Interaction

- Forum for the Future enabled discussions



01. Proportionate Regulation

- Decision Trees
- New Regulation for Biologicals

02. Training

- BET Online Training introduction
- Progress to crops/country

03. Collaboration

- IFOAM Roadmap
- COPACOGECA Roadmap
- Build alliances to amplify voice

Food Value Chain Interaction

DISCUSSION 01

Demonstrate profitability

Arable is key for Retailers

EU CALL 03

Biodiversity and Green Deal
calls

IBMA Seeking Partners

DEMONSTRATION 02

Parish Leader Farmers who are
System Entrepreneurs

MEASUREMENT 04

Farmer Profitability

Soil Health and Carbon

Biodiversity





Proportionate Regulation



DECISION TREES 01

IBMA Members and Experts created Decision trees for each biological type and shared in stakeholder meetings

ENABLING EU ACCESS 02

Biological Specific Regulation

Dutch Vision

HARMONISATION 03

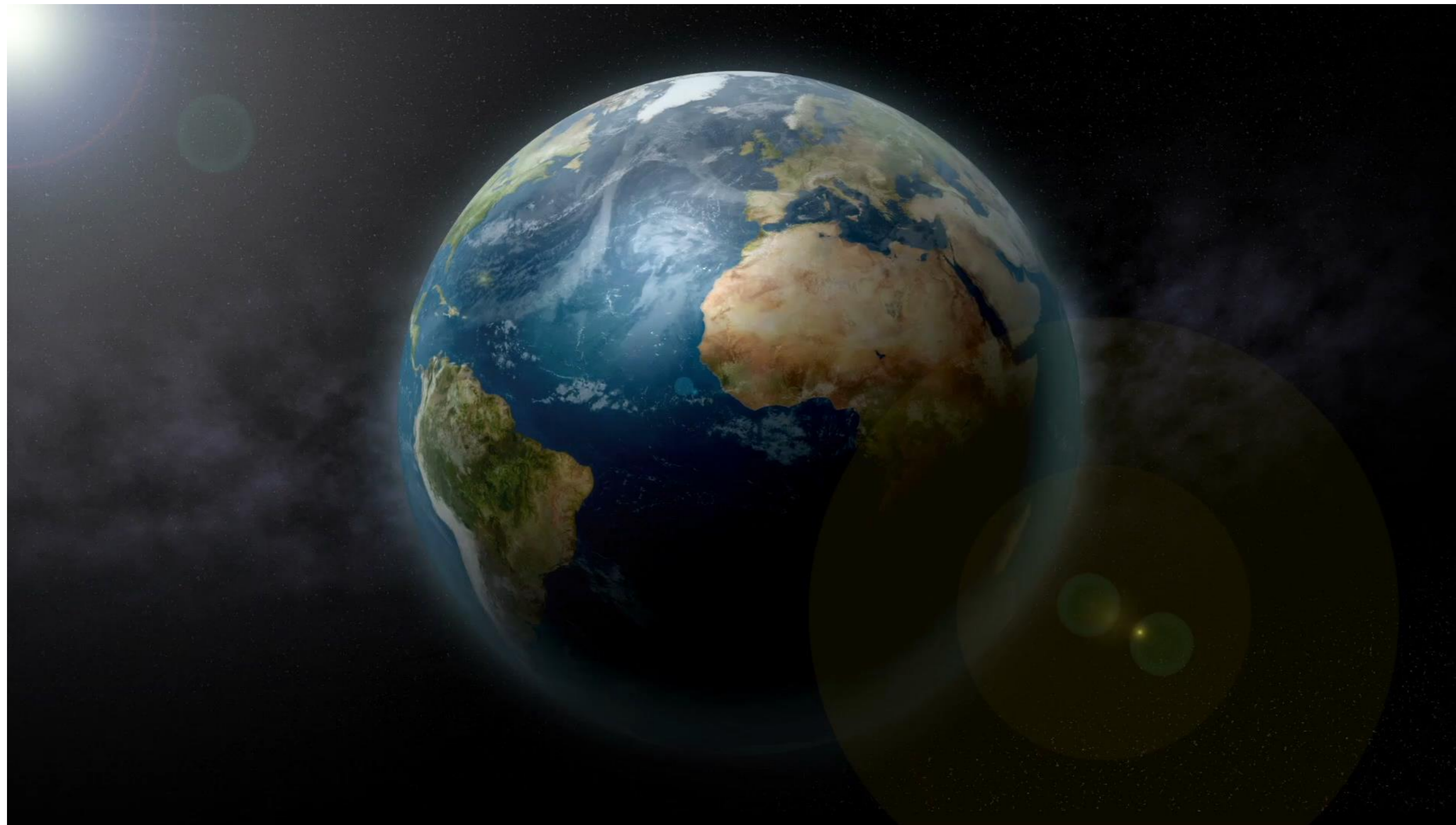
Create and offer fora for discussion on global harmonization

COLLABORATION 04

COPA COGECA

IFOAM

Bioprotection in Sustainable Food Production



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