



Federal Ministry
of Food
and Agriculture



GLOBAL
FORUM OF FOOD AND
AGRICULTURE

*Aligning biomass production with HRDD and
local food security: practical approaches*



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Q&A

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ALIGNING BIOMASS PRODUCTION WITH HRDD AND LOCAL FOOD SECURITY: PRACTICAL APPROACHES



ALIGNING BIOMASS PRODUCTION WITH HRDD AND LOCAL FOOD SECURITY: PRACTICAL APPROACHES

17.01.2025, GFFA | Berlin

Moderation: Lisa Marie Pyka, *Meo Carbon Solutions*

Opening Remarks

Dr. Rafaël Schneider, *Welthungerhilfe* & Dr. Jan Henke, *Meo Carbon Solutions*

Keynote Speech

Theresa Heering, *Welthungerhilfe*

Expert Presentations

Prof. Dr. Lena Partzsch, *Freie Universität Berlin*

Max Jürgens, *cattwyk*

Pia Lorenz, *4C*

Benedetta Camilli, *Eni SpA*

Michael Kitetu, *independent auditor*

Panel Discussion

Closing Remarks

Swantje Nilsson, *German Federal Ministry of Food and Agriculture (BMEL)*

Welcome Remarks

Aligning Biomass Production with Human Rights Due Diligence



Dr. Jan Henke & Dr. Rafaël Schneider

Director Meo Carbon Solutions & Deputy Head Policy and External Relations Welthungerhilfe

Keynote Speech

Food Security and Human Rights Due Diligence in Biomass Production



Theresa Heering

Project Lead Food Security Standard, Welthungerhilfe WHH

For a world without hunger



FOOD SECURITY AND HUMAN RIGHTS DUE DILIGENCE IN BIOMASS PRODUCTION

GFFA, BERLIN

January 17th 2025

Theresa Heering
Project Manager Food Security Standard

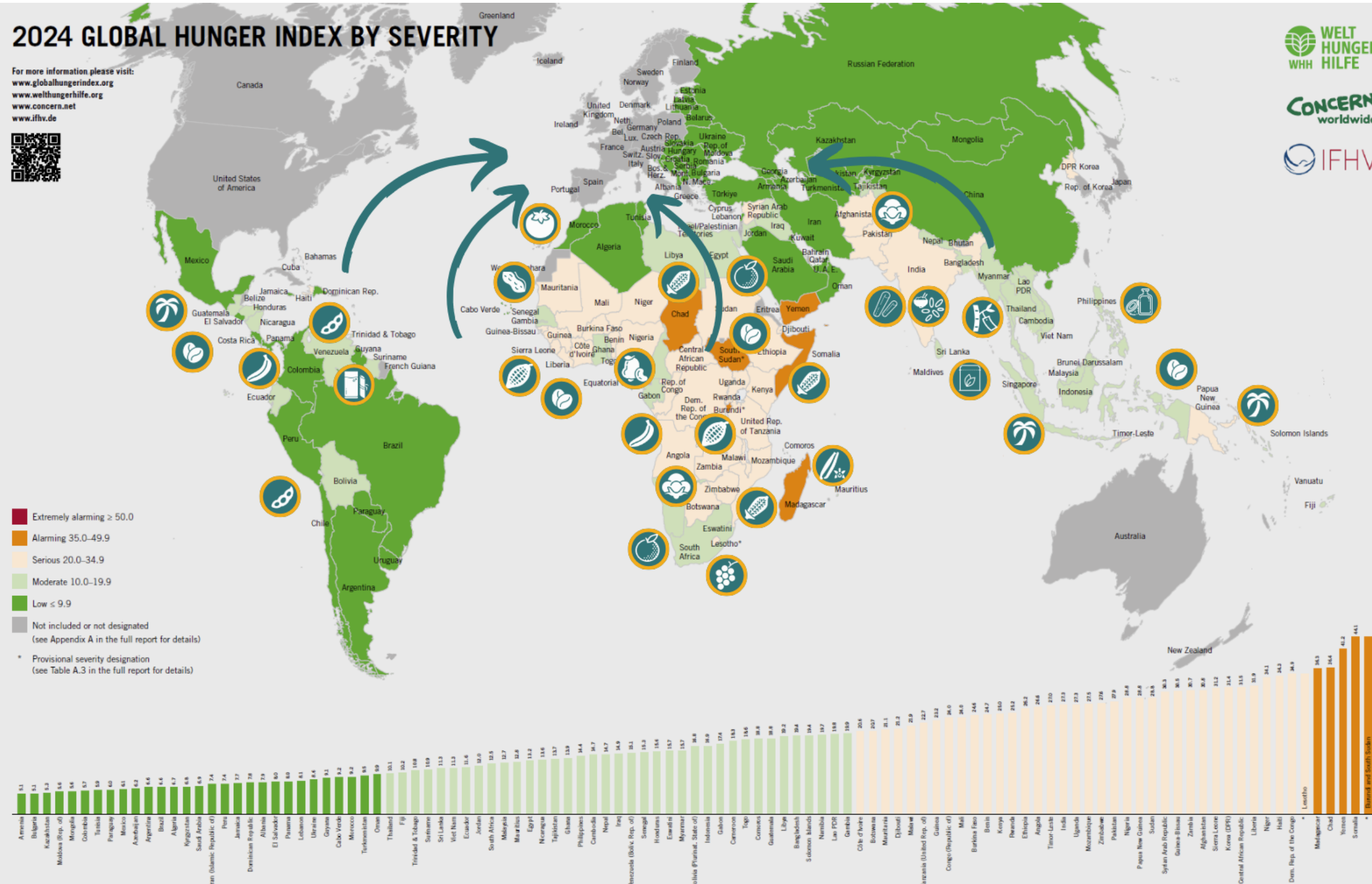


AGRICULTURAL PRODUCTION - A DRIVER OF SUSTAINABILITY AND SOCIAL IMPACT



2024 GLOBAL HUNGER INDEX BY SEVERITY

For more information please visit:
www.globalhungerindex.org
www.welthungerhilfe.org
www.concern.net
www.ifhv.de



POLITICAL COMMITMENTS WITHIN A GROWING FRAMEWORK



16 Berlin Agriculture Ministers' Conference Final Communiqué 2024



- New due diligence regulations like LkSG, CSDDD and EUDR demand corporate accountability, safeguarding human rights → including the right to food
- Solutions should be practical with low-bureaucracy to help companies meet HRDD requirements while maintaining operational feasibility
- Frameworks like certification schemes offer practical solutions to address social sustainability

THE FOOD SECURITY STANDARD (FSS)

INSTRUMENT FOR DEMONSTRATING HUMAN RIGHTS COMPLIANCE IN AGRICULTURAL VALUE CHAINS

- Enables the monitoring of compliance with the right to food in agricultural production
- Add-On to any existing sustainability standard to minimize effort and cost
- Suitable for every type of agricultural product & size of production site
- Translates the UN guidelines on the right to food into practical criteria for assessing the local situation
- Practical and proven approach to implement socially sustainable management systems on farm level



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FSS – A GROWING INITIATIVE FOR HRDD



Legend
 Pilots
 Certificates
 FSS-Assessments

- Bioeconomy and Food Systems are two sides of the same coin
- Private sector plays a major role to fulfil the human right to food
- Practical tools exist: Frameworks like the FSS show food security integration is feasible
- Broader application is key to ensuring social sustainability in global agri value chains

Only when all agricultural commodities are considered and human rights are respected, bioeconomy can be sustainable.

FOOD SECURITY IN BIOECONOMY IS FEASIBLE!

Theresa Heering

Policy & External Relations

Theresa.Heering@Welthungerhilfe.de



WELT
HUNGER
HILFE



Alternative Governance for Biomass Supply Chains: HRDD & Food Security



Prof. Dr. Lena Partzsch

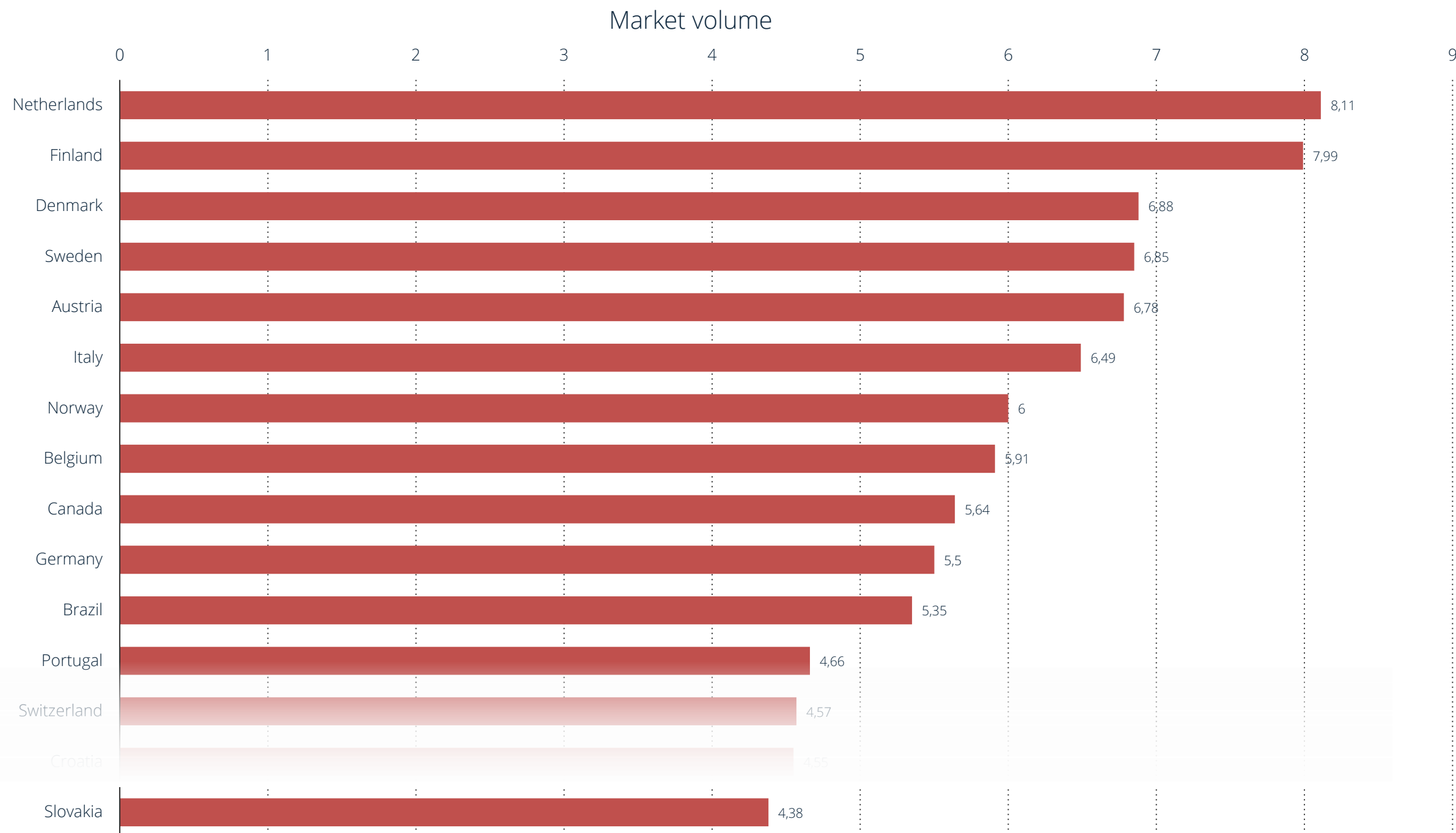
Freie Universität Berlin

Globalization: A Challenge for Social and Environmental Regulation

- National market integration **without social and environmental considerations**
- Coffee as a "cash crop", collapse of the **International Coffee Agreement** in 1989 led to world prices falling below production costs
- Limited state capacity to regulate supply chain issues, especially in the Global South
- **Growing awareness of burden shifting** in Western societies, e.g. EU is responsible for 44% of coffee-related deforestation



Per Capita Volume Sales in the Coffee Market Worldwide, by Country in 2023 (in kg)



Alternative Governance to Implement HDRR & Food Security

- Alternative #1: **Certification** is proof of standards in production and trade, with consumers voluntarily paying more
- Coffee sector has highest compliance rate, with 24% of global production certified in 2023
- Alternative #2: **Public supply chain laws** allow consumer countries to use their collective purchasing power to enforce rules on all importers and their suppliers
- Companies enforce legislation extraterritorially, with reporting as the basis for legal action in regulating states

Partzsch, L. *Alternatives to multilateralism: New forms of social and environmental governance*, MIT Press, Cambridge MA, 2020, open access: <https://direct.mit.edu/books/book/4871/Alternatives-to-MultilateralismNew-Forms-of-Social>



Challenges to Discuss

- **Reporting** adds bureaucracy and poor quality prevents legal action (better quality, if certified)
- **Control and monitoring** is left to – overburdened/ underfunded – NGOs; legal liability comes with EU CSDDD
- **BAFA*** has not yet reviewed reports; no information on data protection grounds
- Cooperation and conflicts with **authorities of exporting (producing) countries** (WTO compliance, etc.)

* BAFA: German Federal Office for Economic Affairs and Export Control



Human Rights Due Diligence in Global Supply Chains: Legal Background and HRDD in Practice



Max Jürgens

Cattwyk Rechtsanwaltsgesellschaft mbH & Co. KG

The Right to Food in the Context of Human Rights Due Diligence

- The right to food is enshrined in international law in Art. 11 (1) ICESCR
- The right to food may also be regarded as part of the right to life under Art. 6 (1) ICCPR
- The right to food is not explicitly mentioned as a protected legal position in the German Supply Chain Due Diligence Act (LkSG), the EUDR or the CSDDD
- However, the CSDDD considers the right to life (Annex I Part 1 No. 1 CSDDD)

The Right to Food in the Context of Human Rights Due Diligence

Nevertheless, the right to food is part of HRDD under current national and EU law:

Right to food as a cross-sectional right

LkSG	CSDDD	EUDR
Acts that impair another legal position “in a particularly serious manner” must be considered	The Right to food as part of the right to life	“Human rights protected under international law” must be considered if they are related to deforestation or biodiversity
Sec. 2 (2) No. 12 LkSG	Annex I Part 1 No. 1 CSDDD	Art. 2 No. 40 (f) EUDR and EU COM FAQ No. 3.3

Human Rights Due Diligence in Practice

Investigations by the German Regulator (BAFA)

- Occasion-related and ad-hoc investigations by BAFA
- Numerous administrative offense proceedings already initiated
- Ad-hoc investigations related to
 - Responsibilities/Organization
 - Risk analysis/risk management
- Occasion-related investigations on the basis of
- Media coverage
 - Complaints by affected persons/NGOs

Human Rights Due Diligence in Practice

Investigations by the German Regulator (BAFA)

Key take-aways:

- Involvement of NGOs in administrative procedures against companies, including access to files
- On-site audits as a helpful means of dismissing (or confirming) allegations
- Considerable efforts are required from large companies (corporations)
- Principle of „shared responsibility“
- Certificates as a way to implement due diligence obligations (risk analysis, preventive and remedial measures, monitoring)

Contact

Max Jürgens

Rechtsanwalt

Counsel

T +49 40 22899 22 53

F +49 40 22899 22 66

M m.juergens@cattwyk.com

www.cattwyk.com



Cattwyk Rechtsanwalts-gesellschaft mbH & Co. KG

Hohe Bleichen 8, 20354 Hamburg

Kommanditgesellschaft | Sitz: Hohe Bleichen 8, 20354 Hamburg | Handelsregister HRA 131507 | Pers. haftende Gesellschafterin:

Cattwyk Verwaltungs GmbH, HRB 188095 | Geschäftsführung: Dr. Katja Göcke, Dr. Lothar Harings, Dr. Hartmut Henninger, Franziska Kaiser, Marian Niestedt



Q&A:
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4C Certification as a Tool to Strengthen HRDD – a Standard Owner's Perspective



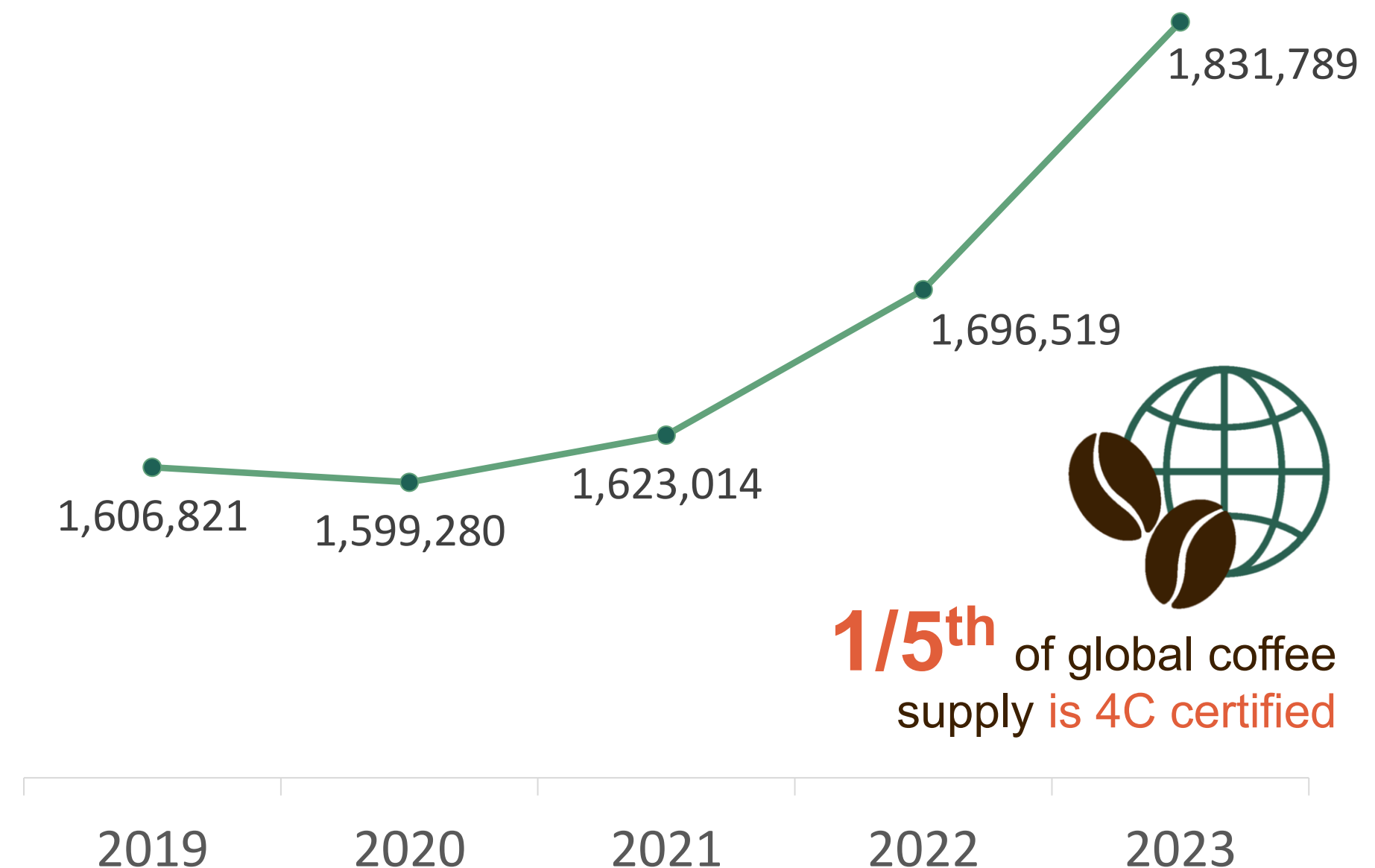
Pia Lorenz

Senior Sustainability Manager, 4C

Overview

- 4C is an **independent, stakeholder-driven, internationally** recognized sustainability standard for **coffee and cocoa**
- 4C's criteria were developed in a transparent **multi-stakeholder process**
- Independent **3rd-party audits** ensure **compliance with criteria from economic, social, and environmental dimensions**
- **1.8 million tons** of green coffee **certified**, over **93%** of 4C coffee producers are **smallholders** with less than 5ha

Available 4C certified coffee (in MT)



HRDD integrated in 4C sustainability requirements

Economic



4 Principles
9 Criteria

Foster sustainable and efficient business management practices of groups of farmers including risk assessment, measure developed-implemented-reported to address risk and prevent the violation

Social



2 Principles
21 Criteria

Promote fair and ethical practices within the coffee business. The principles strive to improve the quality of life for workers and contribute to a more just and equitable society.

Add-Ons:

- Advancing Equity and Empowering Women
- **Food Security**

Environmental



6 Principles
14 Criteria

Promote sustainable practices that minimize negative impacts on the environment and the conservation of the natural resources.

Add-On:

- Carbon Footprint

Sustainable coffee and cocoa production

4C as a tool to strengthen HRDD obligations

- Audit reports
- 4C certificates are publicly available
- 4C logo off- and on-pack



Reporting

Preventive measures

- Supply chains mapping and traceability
- Improvement plans
- Regular trainings
- 4C projects on the ground



Risk analysis & management

- Regular risk assessment procedures
- Innovative risk assessment tools, e.g. satellite monitoring system
- Integrity program



Monitoring

- Using remote sensing technologies, 4C regularly screens the progress
- Improvement plans
- Mandatory commercial reporting



Complaint procedure

Grievance mechanism is an integral part of 4C certification

Core HRDD obligations

Key messages

- Certification is a proven and efficient method to take control of sustainability risks in highly complex global supply chains. The benefits and effects of standards and certificates are recognised within due diligence regulations.
- Certification systems align with regulatory frameworks, helping to meet increasing due diligence requirements on national and global levels. 4C promotes and facilitates the implementation of measures to ensure compliance with due diligence obligations and verify adherence to human rights standards.
- Independent 3rd party certification systems should be used as a complementary instrument to companies' own due diligence systems.

Contact

Pia Lorenz

Senior Sustainability Manager

Tel: [+49 221 508020 704](tel:+49221508020704)

Email: lorenz@4C-services.org

www.4C-services.org



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Eni Agri Feedstock Initiatives



Benedetta Camilli

Head of Agri Feedstock Initiatives and Programs, Eni SpA

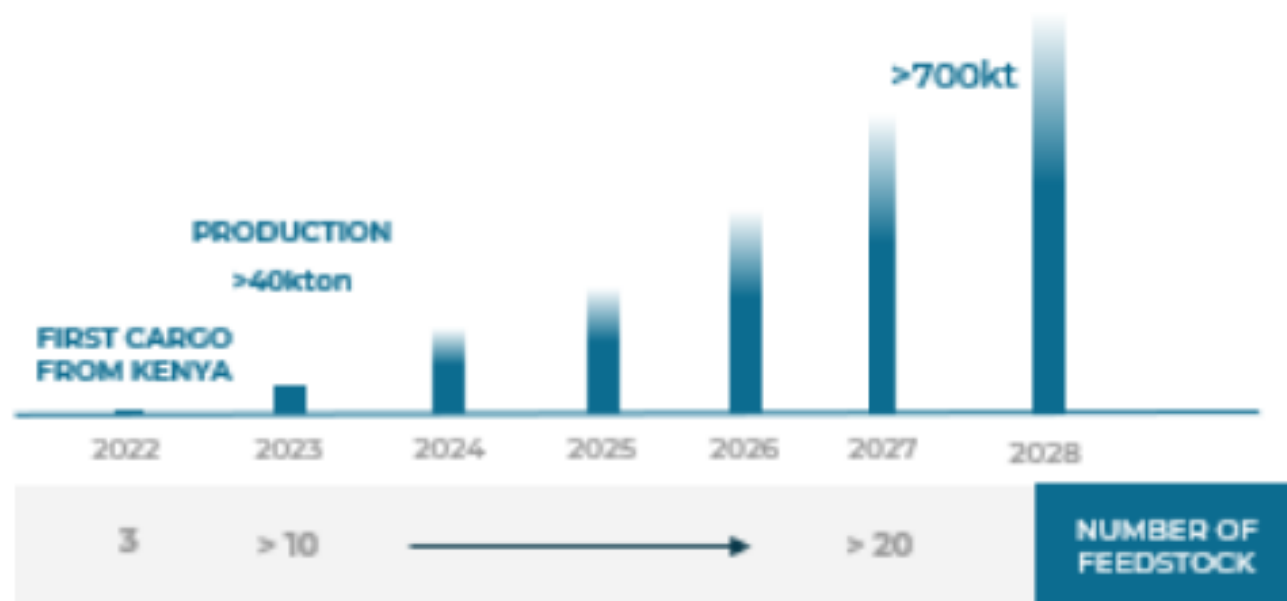
Eni biorefining vertical integration through agri feedstock

DISTINGUISHING MODEL BASED ON AGRICULTURE AND RESIDUES VALORIZATION

KEY FEATURES

SECURITY OF SUPPLY	> 700kt+ in 2028
COMPETITIVE COST	Vs market benchmark
LOW CARBON FOOTPRINT	Low GHG profile, with target of carbon neutral / carbon negative
QUALITY	Eligible for SAF production

AGRI FEEDSTOCK PRODUCTION



SOCIO ECONOMIC IMPACT (KPI 2028)

FARMERS

~ **700 thousand farmers** involved with opportunity for long term, stable additional revenues

~ **1 million hectares** regenerated and valorized

FOOD SECURITY

> **1 million tons animal feed** and fertilizers



EU RED III
ANNEX IX REVISION UPSIDE



SEVERLY DEGRADED LANDS



INTERMEDIATE CROPS

SUSTAINABILITY OF SUPPLY CHAINS



FOOD SECURITY STANDARD



LOW ILUC CERTIFICATION

CAPACITY BUILDING AND SUPPORT TO FARMERS

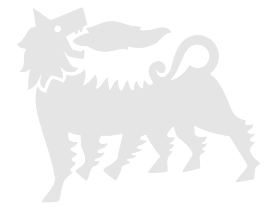


PARTNERSHIP SINCE MAY 2024



PARTNERSHIP SINCE NOVEMBER 2023

Eni Agri Feedstock distinguishing model



AGRICULTURAL PRODUCTION



SMALL FARMERS

Cultivation of non-food crops on degraded land (according to EU RED)

LARGE FARMERS

Cover and intermediate crops after cereal production

AGRO PROCESSING & AGRO-FORESTRY

Residues and food rejects

AGRI HUB (OIL EXTRACTION PLANTS)



THIRD PARTY EXTRACTION SERVICE (TOLLING)



VEGETABLE OIL

Feedstock for bio refineries

BY PRODUCTS

Animal feed and fertilizers

AGRICULTURAL SUPPLY CHAIN

Cultivation entrusted to farmers on their own lands

Capacity building targeting the best agricultural practice and **carbon farming**

Access to market & socio-economic development in rural areas

Sustainable agricultural Land Management (**SALM**)

Model Farm promoting the best agricultural practices, pilot fields, training and transfer of knowledge

INDUSTRIAL PLANTS

Industrial model **flexibility**



Agri -Hub standardization

Food security with animal feed & fertilizer

Local content and transfer of **industrial know-how**

Diversification by feedstock and countries

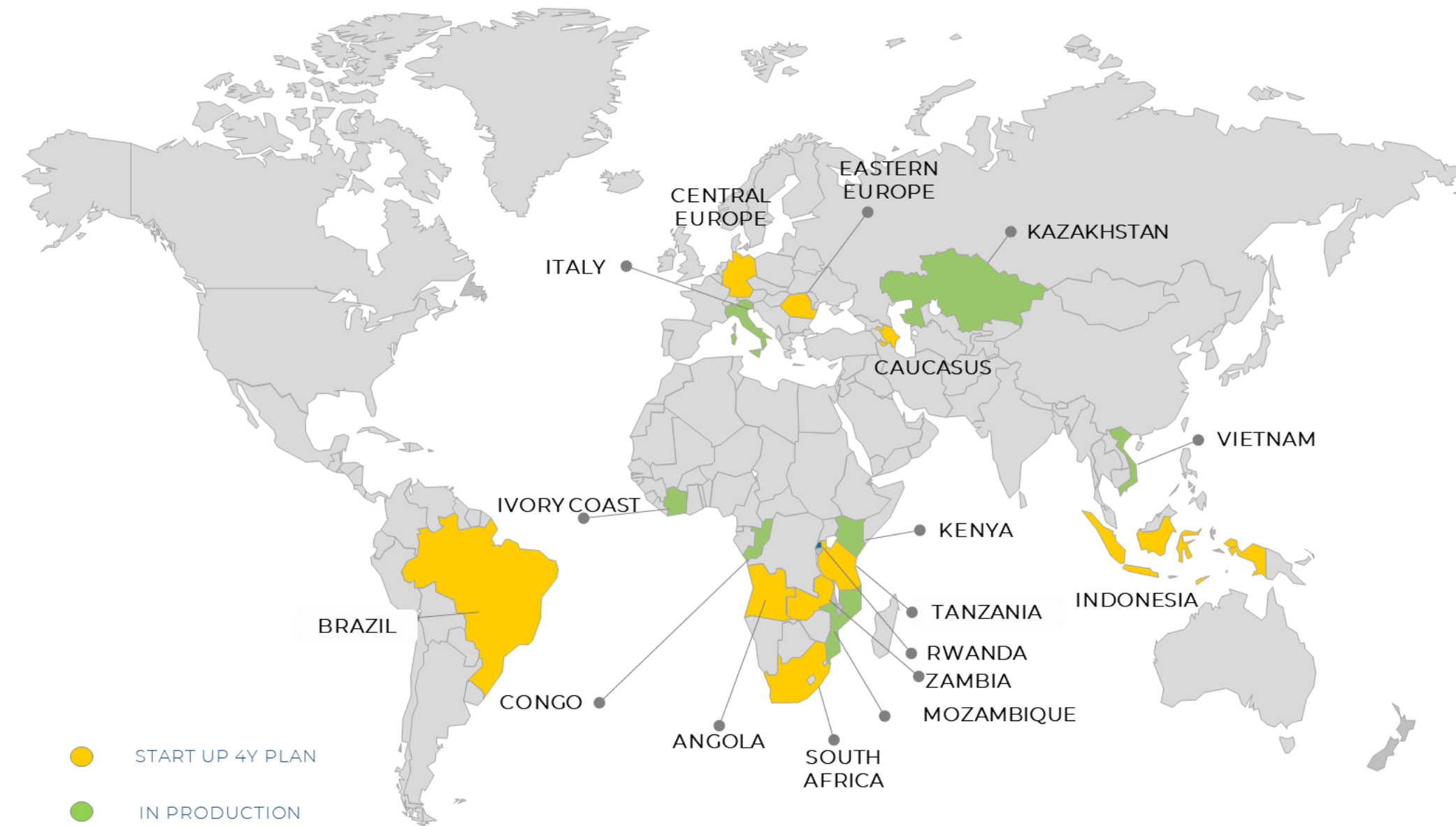
Focus on advanced and low GHG feedstock

  **Non-food crops degraded land**
Castor, Brassica carinata, ..

 **Cover and intermediate crops**
Camelina, safflower

FIRST MOVER  **Agro-industrial and forestry residues**
Residues from rubber, cashew, dried fruit, cotton

Focus on key countries, leveraging on upstream presence



SCOUTING: more than 10 geographies in Far East, East EU, Africa and Americas

THANK YOU



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Strengthening Human Rights in Agricultural Production through HRDD and Certification – an Auditors' Perspective



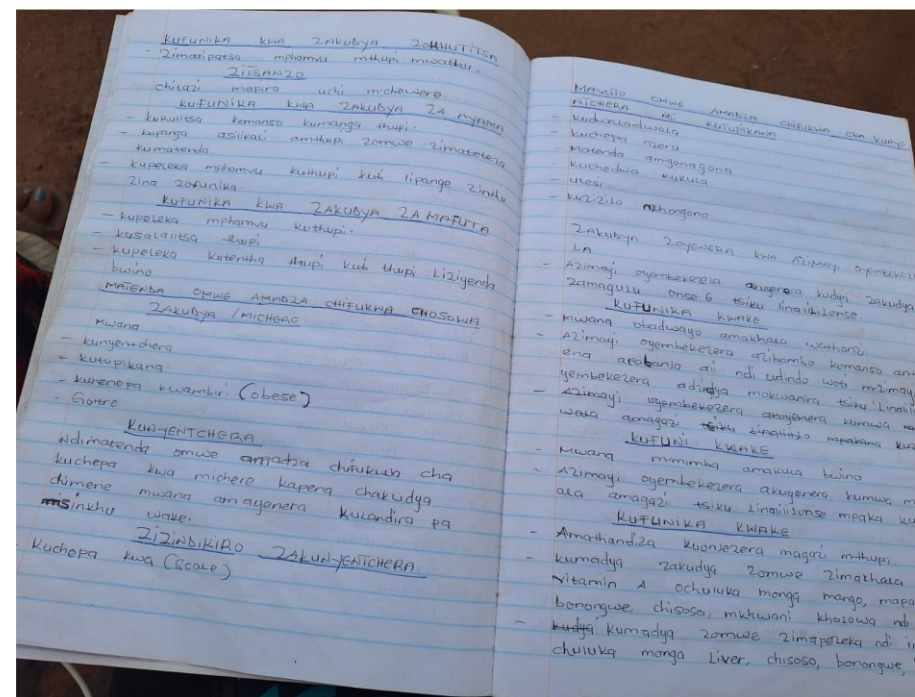
Michael Kitetu

Voluntary Sustainability Standards (VSS) Expert & Lead Auditor

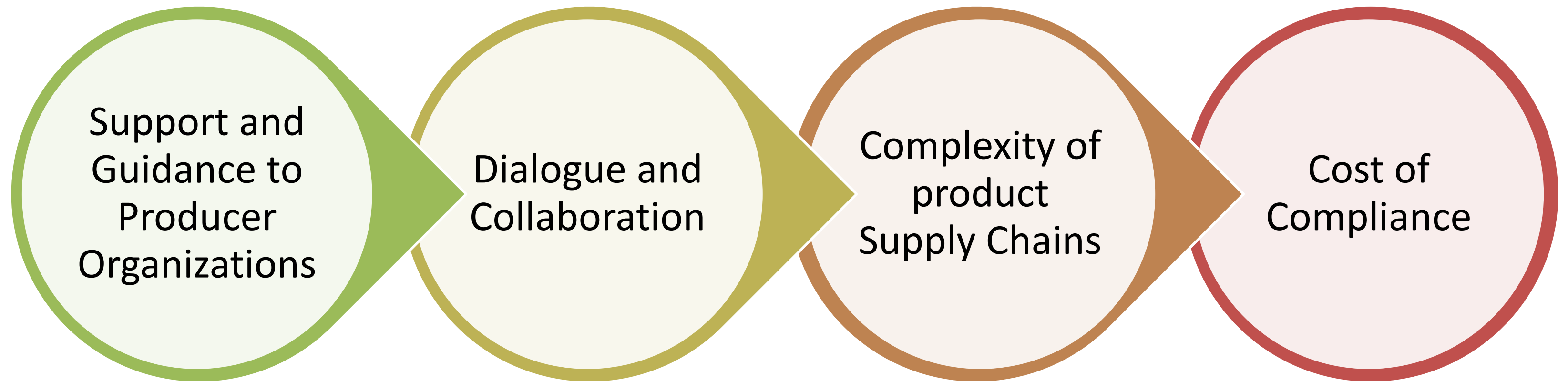
Insights from social audits



How HRDD can impact Agricultural Producers



Items of further consideration



EXPERT PANEL

ALIGNING BIOMASS PRODUCTION WITH HRDD AND LOCAL FOOD SECURITY: PRACTICAL APPROACHES



MAX JÜRGENS
cattwyk



PROF. DR. LENA PARTZSCH
Freie Universität Berlin



PIA LORENZ
4C Services



MICHAEL KITETU
Independent Auditor



BENEDETTA CAMILLI
Eni SpA

Q&A

Go to slido.com and enter the code #2551937 to ask your questions during the event or scan the QR code



CLOSING REMARKS



Swantje Nilsson

Head of Division 6 – EU Affairs, International Cooperation, Fisheries, German Ministry of Food and Agriculture