

LAND USE CHANGE GUIDANCE PILOT PHASE

ACCOUNTING FOR GHG EMISSIONS
IN THE SUPPLY CHAIN

**THE PILOT TESTING
PHASE IS NOW OPEN
FOR NEW PARTICIPANTS.**

**JOIN THIS COLLABORA-
TIVE EFFORT TO BUILD
THE REFERENCE FOR
ACCURATE ACCOUNTING
OF CLIMATE CHANGE
IMPACTS OF LAND USE.**

**READ ON TO LEARN MORE
ABOUT THIS PROJECT.**

Quantis
AUGUST 2017

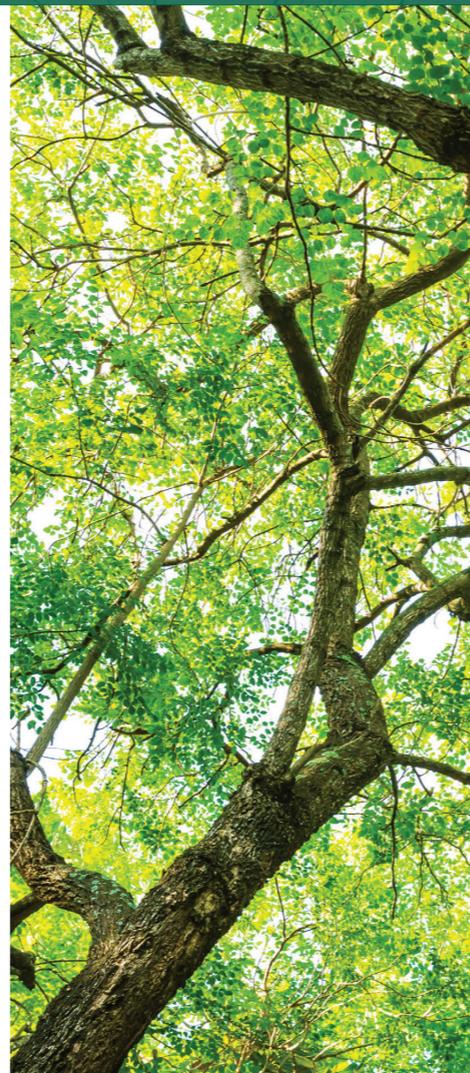
“We believe better and more consistent quantification of GHG emissions from deforestation will help accelerate global efforts to reduce both.”

Kevin Rabinovitch, Global Sustainability Director, Mars, Incorporated

WHAT IS “THE LAND USE CHANGE GUIDANCE: ACCOUNTING FOR GHG EMISSIONS IN THE SUPPLY CHAIN”?

A pre-competitive consortium, convened by Quantis, of contributors from over 40 private companies, governments and NGOs with the goal of developing a scientifically accurate reference to support companies in accounting for climate change impacts of their efforts on sustainable forests and agriculture.

This report consolidates, aligns and builds upon pre-existing references in this space to support accurate and consistent calculation of these emissions. This Guidance offers a set of recommendations and detailed technical guidance, rather than an official standard, to answer companies’ need for reliable methodology to make immediate progress on deforestation and other land-related issues.



WHO WILL BENEFIT FROM USING THE GUIDANCE?

Companies seeking to quantify the greenhouse gas (GHG) impacts of land use and land use change-related emissions embedded in their supply chains to set GHG targets, measure and/or report on corporate or product footprints.

WHAT IS THE PURPOSE OF THE GUIDANCE?

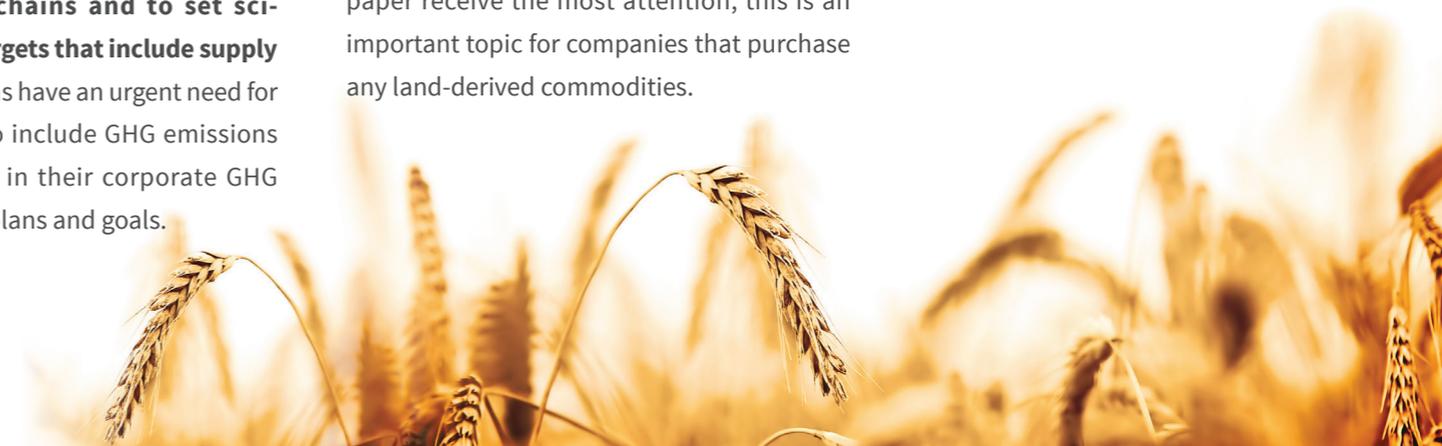
With pressure to establish deforestation-free supply chains and to set science-based GHG targets that include supply chains, organizations have an urgent need for guidance on how to include GHG emissions from deforestation in their corporate GHG accounting, action plans and goals.

The Guidance meets this need by providing a consistent and thorough scientific approach to address any land-derived commodity, covering both land use change and land management practices.

For those relying on agriculture and forestry, management of forests and other land types is often identified as one of the highest areas of GHG emissions in their value chain and therefore a top priority for addressing climate change. Although beef, soy, palm and paper receive the most attention, this is an important topic for companies that purchase any land-derived commodities.

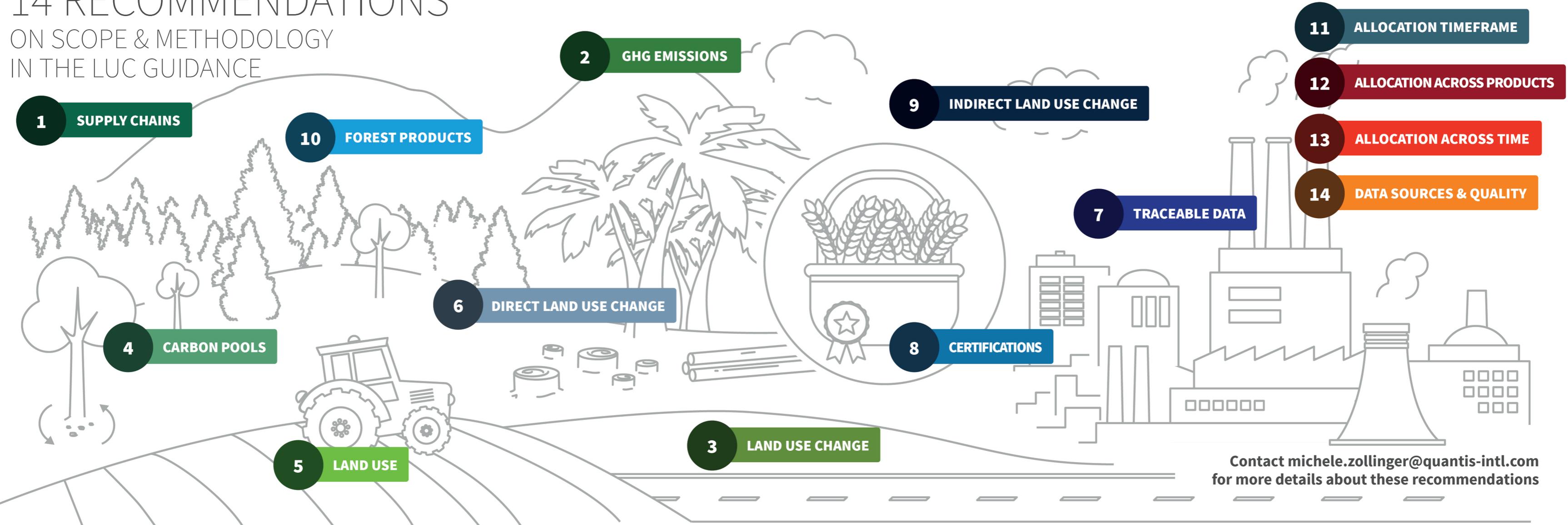
“[The Guidance] is a ground-breaking effort that will result in a widely recognized and scientifically robust methodology.”

Nicko Debenham, VP Head of Sustainability & MD Biolands Group, Barry Callebaut



14 RECOMMENDATIONS

ON SCOPE & METHODOLOGY
IN THE LUC GUIDANCE



Contact michele.zollinger@quantis-intl.com
for more details about these recommendations

PILOT PHASE STARTS NOW

PILOT TESTING BEGINS: WHAT ARE THE ADVANTAGES?

The pilots offer companies a unique opportunity to apply this newly developed Guidance on how to include GHG emissions from land use and land use change into corporate emission reduction targets. With the Guidance successfully drafted and reviewed by participants, the pilot testing stage now allows companies – both members and new interested parties – to apply the methodology to real operational scenarios and identify potential methodological gaps and remaining questions while gaining key insights about

their business in the process. The learnings from the pilot phase – starting Q3 2017 – will be addressed in collaboration with the project members to deliver a final Guidance in 2018.

HOW DOES MY COMPANY GET ENGAGED IN THE PILOTS?

The pilot testing phase is now open to participants and the Quantis LUC Guidance team is happy to speak to you about starting a pilot or to answer any questions and provide further information. Please contact our LUC Guidance lead Michèle Zollinger.



“You can’t manage what you don’t measure. This project is an important step in building consensus in an important and complex area.”

Euan Murray, CEO, The Sustainability Consortium

“We made an ambitious commitment to reduce our greenhouse gas emissions across our value chain by 28% by 2025. Having consistent measurement and guidance on this critical area will allow us to better track progress towards our goals.”

Jerry Lynch, Chief Sustainability Officer, General Mills

THE ESSENTIALS

Measure deforestation’s contribution to the GHG footprint of supply chains.

Identify major commodities and locations of origin concentrating land use-related GHG emissions.

Track progress on corporate or product GHG footprints.

Compare GHG footprints impacted by land use and land use change.

Allocate land use and land use change-related GHG emissions to specific companies or products.

Integrate both direct and indirect land use changes.

Account for carbon sequestration in products and forests.

Refer to www.quantis-intl.com/lucguidance for further details or contact Quantis.

“In order to evaluate and measure the full climate impact of different crop production systems, it is necessary to include emissions from land use change and therefore we support the development of [this Guidance].”

Frank Brentrup, Senior Scientist,
Yara International



GET THE LUC PILOT PHASE GUIDANCE

Join industry leaders in the pilot testing of the *Land Use Change Guidance: Accounting for GHG emissions in the supply chain.*

How do I receive a copy of the LUC Guidance?

How do I get involved?

Connect with the Guidance lead at Quantis:

Michèle Zollinger

michele.zollinger@quantis-intl.com

+1 (475) 227-7224

Learn more about the Guidance at www.quantis-intl.com/lucguidance

Quantis

A CONSORTIUM OF PARTNERS WORKING TOGETHER TO ADVANCE THE TOPIC OF DEFORESTATION AND LAND USE.

THANK YOU TO THE ORGANIZATIONS THAT PROVIDED THEIR VALUABLE FEEDBACK:

 BARRY CALLEBAUT

 Braskem

 Ceres

 Climate-KIC

 DANONE
EN PLANT EN HEALTH

 FERRERO

L'ORÉAL

 MARS
incorporated

 Mondelēz
International

 PEPSICO

 PHILIP MORRIS
INTERNATIONAL

 THE SUSTAINABILITY
CONSORTIUM

ADEME, AF&PA, Barry Callebaut, Braskem, C-AGG, Ceres, Climate-KIC, Danone, EcoAct, Ecofys, Envol Vert, Ferrero, General Mills, Gold Standard, L'Oréal, Lenzing, LVMH, Mars, moja global, Mondelēz International, NCASI, PepsiCo, Philip Morris International, Pirelli, Rainforest Alliance, RSPO, South Pole Group, Supply Change, Tetra Pak, Textile Exchange, The Sustainability Consortium, The US Department of Transportation, Wood K plus, WWF, Yara and more.