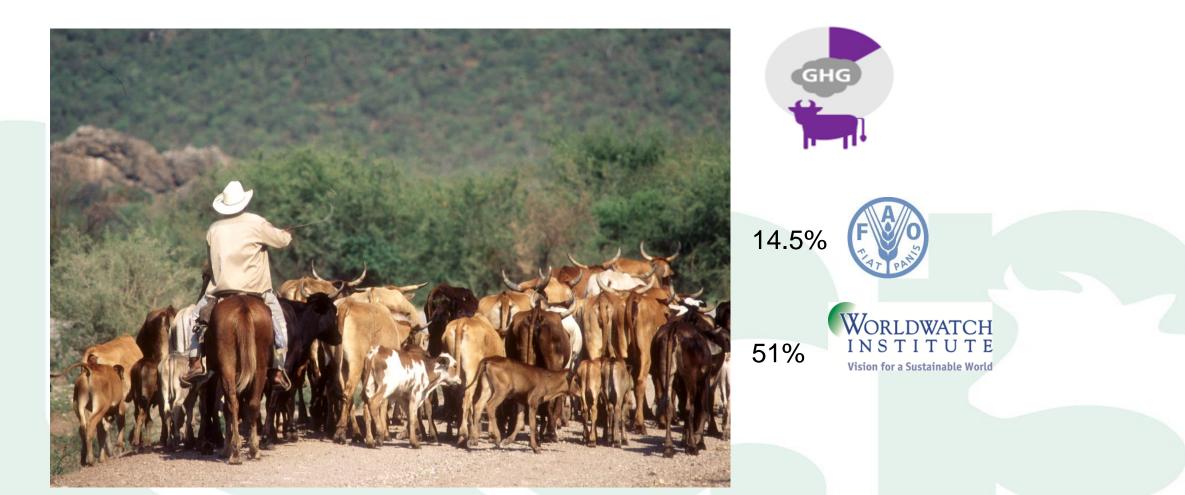




### **Camillo De Camillis**

# Proliferation of environmental assessment methods, claims and recommendations



#### The Telegraph

HOME NEWS

#### News | Science

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Third of early deaths could be prevented by everyone giving up meat, Harvard says



It's the way to beat climate change, argues Dr Marco Springmann, James Martin fellow at the Oxford Martin Programme on the Future Of Food.

By Neil Halligar

Dairy is the root of all environmental evil, says Prince Khaled

**BUSINESS** Founding chairman of KBW Investments and KBW Ventures said people should reduce consumption of meat, fish and dairy



#### f in ⊻ 📴

**Related Articles** 



Saudi's Prince Khaled plans transform global F&B with new partnership



New York City announces world-first plan to <u>cut red meat</u> supply in municipal buildings by <u>50 per cent</u> under mayor Bill de Blasio's 'Green New Deal'

• The city's mayor Bill de Blasio announced the Green New Deal on Monday

Under new plans red meat supply in municipal buildings will be halved

• If used New York will be the first city in the world to adopt the new scheme

#### By GEORGE MARTIN FOR MAILONLINE

PUBLISHED: 14:04 BST, 25 April 2019 | UPDATED: 14:27 BST, 25 April 2019

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Since its founding, Impossible Foods intentionally designed a robust supply chain that is highly scalable, with products sourced from abundant plant crops. Impossible Foods has a clear, long-term roadmap to exponentially expand capacity, and the Series E funding will accelerate the scaleup.

The company's goal is to eliminate the need for animals in the food chain by 2035. To achieve continued breakout growth,

Impossible Foods is actively planning to add to and diversify its manufacturing capacity.

The company will provide additional details on expansion plans later this year.

#### About Impossible™ Foods:

**Business**W

A Berkshire Hathaway Company

Based in California's Silicon Valley, Impossible Foods makes delicious, nutritious meat and much smaller environmental footprint than meat from animals. The privately held company Brown, M.D., Ph.D., Professor Emeritus of Biochemistry at Stanford University and a forme investigator. Investors include Khosla Ventures, Bill Gates, Google Ventures, Horizons Ven Temasek, Sailing Capital, and Open Philanthropy Project.

Impossible Foods Company	< IMPOSSIBLE
impossiblefoods.com	•
Impossible Foods Inc. is a com substitutes for meat and dairy	npany that develops plant-based products. Wikipedia
Founder: Patrick O. Brown	
Founded: 2011	
Headquarters: Redwood City,	California, United States
Key person: Dennis Woodside	e (President)
Type of business: Privately he	Id company

The LEAP Partnership is a multi-stakeholder initiative committed to improving the environmental performance of livestock supply chains, whilst ensuring its economic and social viability

- LEAP builds up consensus on comprehensive guidance and methodology to:
- Assess the environmental performance of livestock supply chains
- Monitor performance over time (environmental tracking)
- Generate evidence for shaping policy measures and business strategies





- To show the public that policies and action are based on environmental assessment methods agreed at global level in a multistakeholder platform
- To include not only burdens but also benefits in environmental assessments and to change the narrative
- To share knowledge and demonstrate with evidence that substantial environmental improvement is possible
- To be part of the discussion on applications of FAO LEAP guidelines

### Governance

✓ Steering Committee: equal say

 $\checkmark$  Secretariat hosted at FAO

Participation is open and voluntary



### FAO LEAP chairmanship 2019





### **LEAP Guideline Development**



### LEAP Achievements Phase 1&2 (2012-2018) Feed Poultry Small Ruminants Feed Crops Database



Environmental performance of animal feeds supply chains

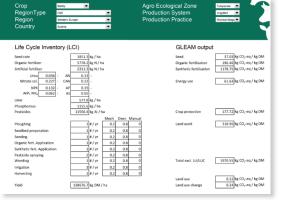


VERSION 1

Greenhouse gas emissions and fossil energy use from poultry supply chains



Greenhouse gas emissions and fossil energy use from small ruminant supply chains



Pigs

#### **Biodiversity**

#### Large ruminants



Environmental performance of pig supply chains



Principles for the assessment of livestock impacts on biodiversity



Environmental performance of large ruminant supply chains

# Methodological notes



Developing sound tools for transition to sustainable food and agriculture LEAP Partnership Life (yde Accessment Gutelenes on Livestock suggly chairs: Methodolical dates

### LEAP Achievements Phase 1&2 (2012-2018)

#### Soil carbon



Neural og and modelling sol sæfore stedio and mack dranges in Brestack production systems senter brevens

#### Nutrients cycle





#### Water (in press)



Notient flows and associated environmental impacts in Prestack supply chains institution answer

#### Biodiversity (in review) Feed Additives (in review)

#### **Road tests**



Principles for the assessment of livestock impacts on biodiversity



Principles for the assessment of livestock impacts on biodiversity

### LEAP Work Programme 2019-2021





### LEAP3 overall objective

To support the livestock sector and its supply chains towards improving the sustainability of production practices through the application of LEAP guidelines [21<sup>st</sup> LEAP SC meeting]

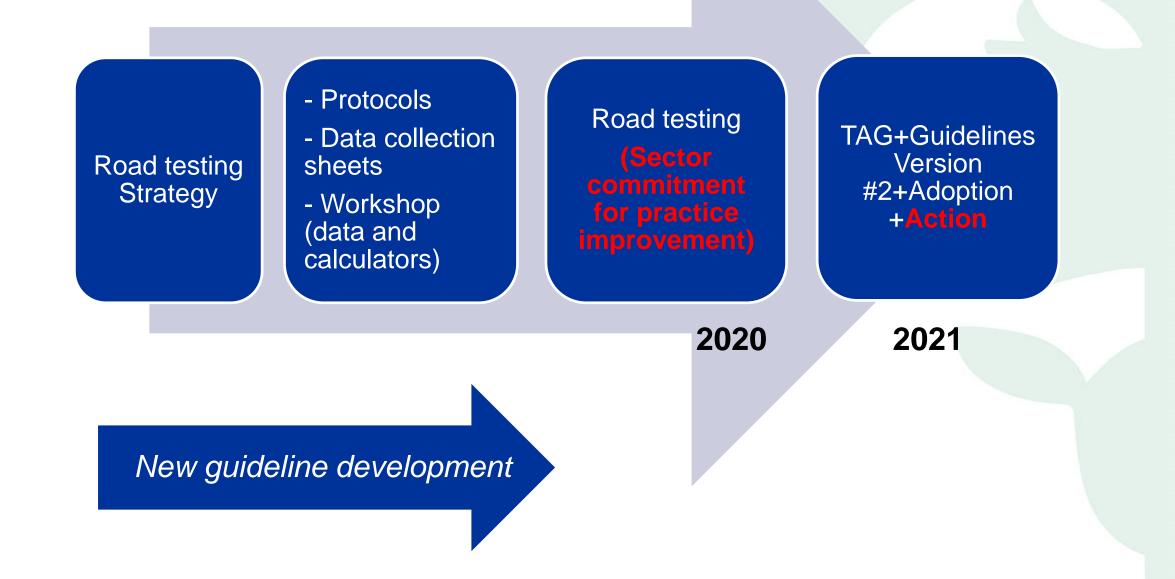
### LEAP Work Programme 2019-2021



- Road Testing
- Revision and development of LEAP guidelines

New guidelines development:

- Ecosystem services assessment
- Eco-toxicity
- Biomass carbon stocks
- Benefits from Technology+circular bioeconomy



### **ROAD TESTING | Overall objectives**

- To address inconsistencies and cross-cutting methodological issues in all LEAP guidelines
- To test whether the LEAP guidelines are easily applicable in all situations
- To identify **tools** required for the assessment of the environmental performance
- To mainstream LEAP guidelines into the existing environmental calculators and tools
- To figure out how to use the different LEAP guidelines at the same time
- To define the data requirements fitting for the purpose of the assessment
- To **build awareness** and enhance the use of LEAP guidelines through **adoption**



## Road testing strategy

- FAO LEAP Secretariat (consistency check)
- FAO + Countries + Local partners (national projects)
- LEAP partners [Private sector, Countries, NGOs] (local + sectoral scale)

# LEAP Plenary Meeting - 21 October 2019











More information can be obtained at <u>www.fao.org/partnerships/leap/en/</u>

#### Livestock-Partnership@fao.org