



# **Planetary Boundaries**



where ecology meets economy

Johan Rockström, Stockholm Resilience Institute, 2019

# WINNER TAKES IT ALL

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# **Doughnut Economics**





Source: Kate Raworth, Doughnut Economics, 2017

# **Planetary Evolution**





Source: Daniel Dunlop, Walter Johannes Stein: The Earth as a basis for world economy









1 States 1 States 1 Non West Arms



Source: Johan Rockström, Stockholm Resilience Institute, 2019



The second second



Source: Johan Rockström, Stockholm Resilience Institute, 2019





## Gross National Happiness Domain Averages 2011-2017





## CARBON BUBBLE

Emissions from burning all known reserves of coal, oil and natural gas

## **Remaining carbon budget**

This is how much CO2 can be emitted until 2050 and still give a reasonable chance of staying below 2C of global warming



# Carney warns of risks from climate change 'tragedy of the horizon'

Bank of England governor tells Lloyd's insurers that 'challenges currently posed by climate change pale in significance compared with what might come'

Mark Carney, the governor of the Bank of England, has warned that climate change will lead to financial crises and falling living standards unless the world's leading countries do more to ensure that their companies come clean about the world's current and future carbon emissions. In a speech to the insurance market Lloyd's of London on Tuesday, Carney said insurers were heavily exposed to climate change risks and that time was running.





























FOOD WITH A STORY WWW.NATUREANDMORE.COM



GROWER PASSPORT



NAME

GONZALO DE LA VEGA

#### LOCATION

PERU

FARM AVORGANIC

GROWER CODE AT NATUREANDMORE.COM

321

ORGANIC CROPS

AVOCADO

#### CERTIFIED BY

- PERUCERT
- CONTROL UNION DEL PERU

#### CERTIFICATES

- ORGANIC 834/2007
- GLOBAL G.A.P.

<<< GONZALO DE LA VEGA <<< PERU <<<

CLICK

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OBAL

RESPONSIBL





GROWER PASSPORT



HEALTH

SOCIAL

PA

GLOBA

THE

TRUE

COST OF FOOD

>>> NATU

a low carbon lootprint.

In the organic orchards of Patagonian Fruit

no pesticides are used, which means that

there is a lively ecosystem of exects, birds

and other small organisms. A healthy soil and

healthy environment produces healthy plants

with more resilience. Patagonian Fruit has

an active policy to sterulate plant biodiversity

by prontining indigenous breeds of plants

and animuli, by using compost or livestock. manures to ricrease the concentration of

micro-organisms, and by introducing natural

Hugo Sanchez. 'To the south of our valley less

ethnic mmonty live as impowenished conditions

the El Cuy department, where the Mapucher

in a frank desert environment. We are

supporting a group of 15 villages with the

help of a local primit, father Javier Againe. In

eight years we have conducted many projects

such as planting trees, creating a library and

providing heaters for the sce cold desert nights.

But perhaps our most important goal is to give

the young people of El Cuy a good education.

Nature & More is supporting Hugo's project

so that they will have a better future?"

energies of woods and posts.

BIODIVERSITY

Organic agriculture generally results in lower overall energy use. because no pesticides or artificial letitizer are used. This results in

NAME GONZALO DE LA VEGA

LOCATION

social

bio-

diversity

## TISI Far

#### CLIMATE

com

The use of compost and mulch increases carbon sequestration in the soil. Since Patagonian Fruit is an organic farm and does not using any energy-draming chemical tertilizers and pesticides, their products have a relatively low carbon footprint. Furthermore, the truts are shipped to Europe, which is again an energy efficient means of transport making the organic apples and pears almost energy neutral, according to a study by Soil & More International BV.

#### WATER

The organic compose Paragonian Fruit uses increases the water holding capacity of the sols and therefore reduces the water consumption of the plants. To enigste the felds, drip impation is used, which is the best water-efficient system ------

#### SOIL

To mantan soil fertility, particularly in and amon like Patagonia, compost is the answer. The positive effects of composting are numerous. Soil water management is improved. with better duringe and reduced erosion and runoff. As a result the soil is more resistant to drought or flooding. Biodiversity is growtly inproved. Soil borne diseases are suppressed. More organic matter is stored in the soil, that compensates for greenhouse gas emissions In short, good compositing brings fertility to the whole orchard.

CLIC

Water

climate

#### within the "I Cent for the Future" campaign CLICK HERE TO GET THE FULL NATURE & MORE SUSTAINABILITY REPORT ON AVORGANICS! >>> NATURE & MORE GROWER PASSPORT >>> <<< GONZALO DE LA VEGA <<< PERU <<<

health

3.4

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soil

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GRO



**COSTO** where ecology meets economy





## Large Scale Composting Sundays River South Africa









## The Soil is the Limit

According to the United Nations every minute 30 soccer fields of soil are lost, mostly due to irresponsible farming techniques. This causes hunger, speeds up climate change and threatens our ability to feed the world. Considering that 99.7% of our food comes directly form the soil, we need to turn the tide.

That's why the United Nations and Nature & More call for action now!

### **Organic** = the Soilution

Healthy food starts with healthy soils. Organic farmers:

- restore degraded soils and prevent erosion
- make soils resistant to droughts & floods
- stimulate biodiversity
- fight climate change by increasing carbon storage

## Become a Soildier and win a prize

- 1. Become an urban farmer
- 2. Film it, Youtube it and make a buzz

www.saveoursoils.com

3. Win a trip to Egypt and see how we green the desert.

#### CARD DUR DUR AND A CARD CARD CARD CARD











Desmond Tutu Vandana Shiva

Jose Graziano da Silva FAO





Sarah Wiener

Klaus Töpfer





Dalai Lama





Renate Künast



The Prince of Wales









WATER

Conventional cost: €752 Organic benefit: €384

€ 1.136













# HEALTH

Conventional cost: € 2.808 Organic benefit: € 438

> Organic benefit for society: € 3.246

LIVELIHOODS Sonvontienal cast: 4 395 Grganic beardt: 4 1025 Grganic beardt:

far sidiety: 6 2.

BIO-DIVERSITY Conventional cost: < 2165 Organic benefit for society: < 2412

SOIL

Conventional cost: € 1.163 Organic benefit: € 254 Organic benefit for society: € 1.417 WATER Conventional cost: € 752 Organic benefit: € 384 Organic benefit for society: € 1156

CLIMATE onventional sost: 6 3143 Organic benefit: 6 1101 Organic benefit for society: 6 4.244


















# **Re-defining Profit**





# True Cost Accounting for Food, Farming, Finance













# KURKUMA aus nachhaltiger Landwirtschaft

Der enge Zusammenhang zwischen Gesundheit und Ernährung war schon unseren Uraben bekennt in der Ferndatlichen und ayurvedischen Medizin gelten 'Superroots' wie Kurkuma und Ingere schen bekennt in der ab naturliche Heilmittel. Dennoch ist dieses Wissen heute oftmals verloren gegangen. Den eine bekennt in Mase zurück zu den Wurzeln und präsentiert proaktive Gesundheitsvorsorge ganz eine bekennten eine seine seine

Zur aralen Einnahme

SA



# Also suffering from Big Pharma?

# Ook wel eens last van Big Pharma?



How about checking your green grocer Verwijs jezelf naar de groentespecialist voor een Kurkuma-kuur





BIO MAAKT JE BETER



Recognise the symptoms of Big Pharma

## Herken de verschijnselen van Big Pharma:

- chronisch wantrouwen
- gewichtigheidsverlies
- draaierig gevoel
- angststoornissen
- hoge schulden
- sufkopheid
- dwarse stoelgang
- meer gifstoffen
- mentale jeuk
- punthoofd

Then visit your green grocer

Heeft u één of meerdere symptomen? Begin dan vandaag nog met een Kurkuma-kuur







Nobody needs to live with Big Pharma Niemand hoeft met Big Pharma te leren leven HIER VERKRIJG-BAAR

Start using turmeric today Begin vandaag nog met een Kurkuma-kuur







No energy? Depressed?

Maybe you're suffering from Big Pharma

How about checking your green grocer

Een Kurkuma-kuur helpt je er snel weer bovenop

Somber?

**Futloos?** 



HIER VERKRIJG-

BAAR



natureandmore.com

Misschien heeft u wel Big Pharma 98% of all Dutch are suffering from Big Pharma

# 98% van Nederland lijdt aan Big Pharma

Fix it with biodynamic food

Met een Kurkuma-kuur ben je er zo van af



HIER

VERKRIJG-

BAAR







AN INITIATIVE OF



DR. GOODFOOD'S

# FIX YOURSELF WITH FOOD

The Dutch physician Anna Kruyswijk shows you how to improve your health with food. Let's cook!

HOME

FOODFIXES

DR. GOODFOOD

COALITION

Follow on 🛗 🞯 f



## **NEW FOODFIXES**



# Foodfix #1: Detoxing the liver

Today we are going to detox the liver with a healthy salad and a broccoli avocado dip. The liver is an important organ to detox regularly.

PLAY VIDEO

## Foodfix #2: Detoxing the rest of your body

Today we are going to make a nutritious soup that will detox the body. This recipe cleans your liver, kidneys and bowels.

PLAY VIDEO

## HOW CAN WE HELP YOU?

#### Search by ingredient or condition

Search

### **REQUEST A FOODFIX**

Need a recipe for your condition? Request it <u>here</u> or send an e-mail to: <u>info@drgoodfood.org</u>.

### ABOUT DR GOODFOOD



Helping my patients with a better diet has been a focal point in my 30 years of practice. Becoming Dr. Goodfood is an effective new way for me to help Nature and More to promote the medical benefits of food. Hopefully we can inspire people to choose pears over pills.

Read more



### Dr. Goodfood supports these sustainable development goals:



Goal 3: Ensure healthy lives and promote wellbeing for all at all ages

### DR. GOODFOOD COALITION:



### Goal 12:

Ensure sustainable consumption and production patterns







## MILLIONS OF HEALTH FREAKS CAN'T BE WRONG

Check the benefits of ginger at natureandmore.com



