

Welkom

Natuurlijk Kapitaal Expeditie Finance & Agro Food

Abbenes, 6 maart 2018



OPENING

Anne-Marie Bor - NextGreen

BLOK A

- Expeditie & Presentatie 1
- Presentatie 2
- Dialoog ronde

Hinse Boonstra - Bayer
Colette Grosscurt - Actiam



BLOK B

- Presentatie 3
- Presentatie 4
- Dialoog ronde

Jeen Nijboer - Rabobank
Volkert Engelsman - Eosta

PANEL

Heleen van den Hombergh - IUCN NL



Expeditie

Natuurlijk Kapitaal Finance & Agro Food



WAT

- ... samen een onderwerp verkennen en doorgronden
- ... gevoed door praktijk
- ... verschillende perspectieven en zienswijzen

HOE

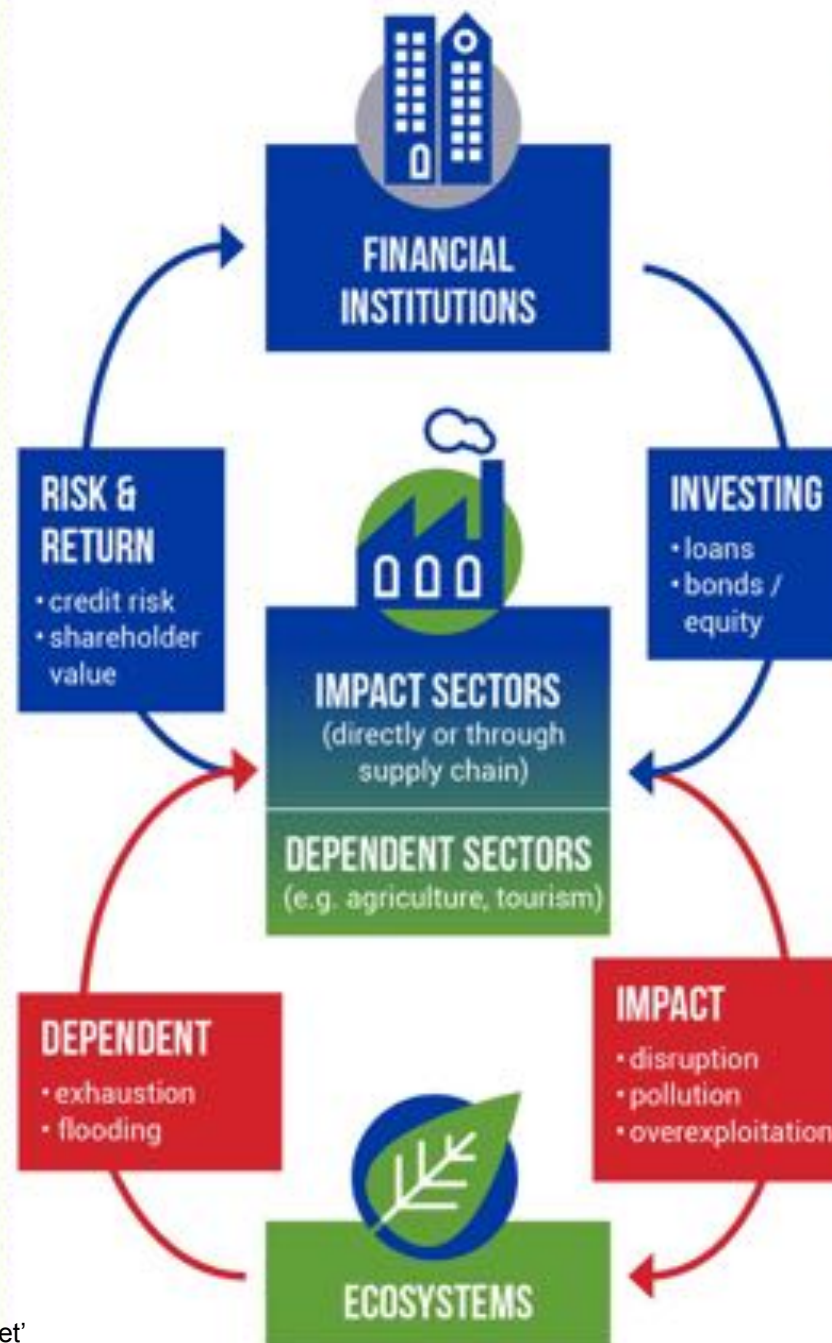
- Nieuwsgierige houding
- Bewust waarnemen
- Dieper verstaan



DOEL

- Inzicht in onderwerpen voor natuurlijk kapitaal gesprek finance – business
- Inzicht in producten finance voor veerkrachtige agro- & food sector





Source: 'Finance for one planet'



NATURAL
CAPITAL
COALITION



Natural Capital
Finance Alliance
Finance sector leadership on natural capital

Secretariat:



What is natural capital?

The **stock** of renewable and non-renewable **natural resources**, (e.g. plants, animals, air water, soils, minerals)

that combine to yield a **flow**

of **benefits** to people



Natural Capital therefore includes all environmental aspects including, water, climate change, waste, and biodiversity

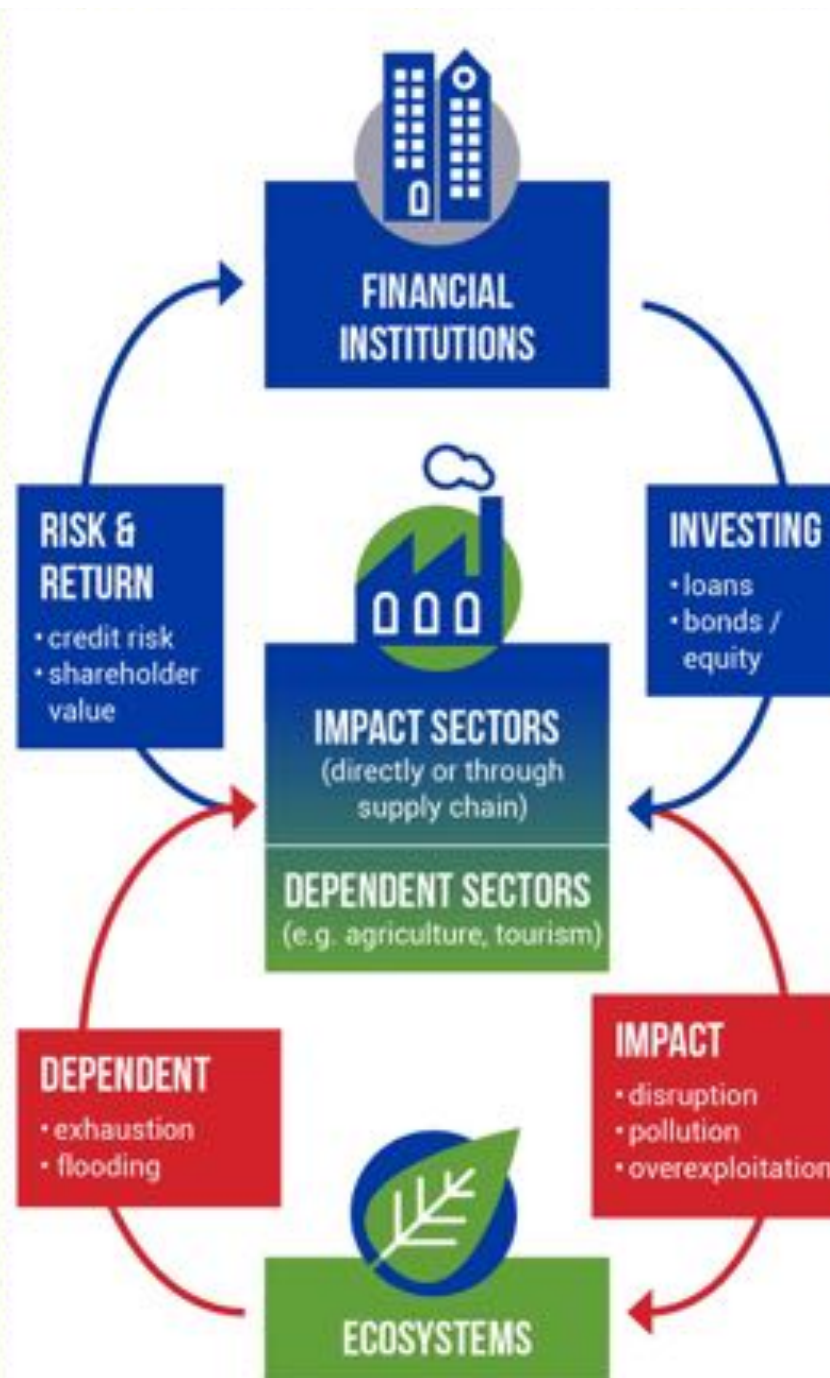


Source: PBL

**Q1: Welke
natuurlijk
kapitaal kansen
zijn er in de agri-
food sector voor
finance?**

**Q2: Welke
natuurlijk
kapitaal risico's
zijn er in de agri-
food sector voor
finance?**

Source: 'Finance for one planet'



Q3: Welke natuurlijk kapitaal onderwerpen dienen aan de orde te komen in het gesprek tussen finance en agro-food bedrijven?

Q4: Wat hebben business en finance nodig voor meer / betere investeringen in Natuurlijk Kapitaal in de agri-food sector?



Source: 'Finance for one planet'



Bayer Forward Farming

Verduurzaming van landbouw en voeding



Hinse Boonstra
6 maart 2018



Verduurzaming van de landbouw



Bayer Forward Farming



Agenda

// Bayer Crop Science

- // Verduurzaming
- // Het debat
- // Forward Farming



Bayer Crop Science 'Science for a Better Life'

Innovatie voor geïntegreerde teelt (voorkomen, diagnose en genezen)



Zaden



Diensten



Middelen



Agenda

// Bayer

// Verduurzaming

// Het debat

// Forward Farming



Duurzame ontwikkeling

Voorzien in behoeften hier en nu en daar en later



De weg naar duurzaamheid

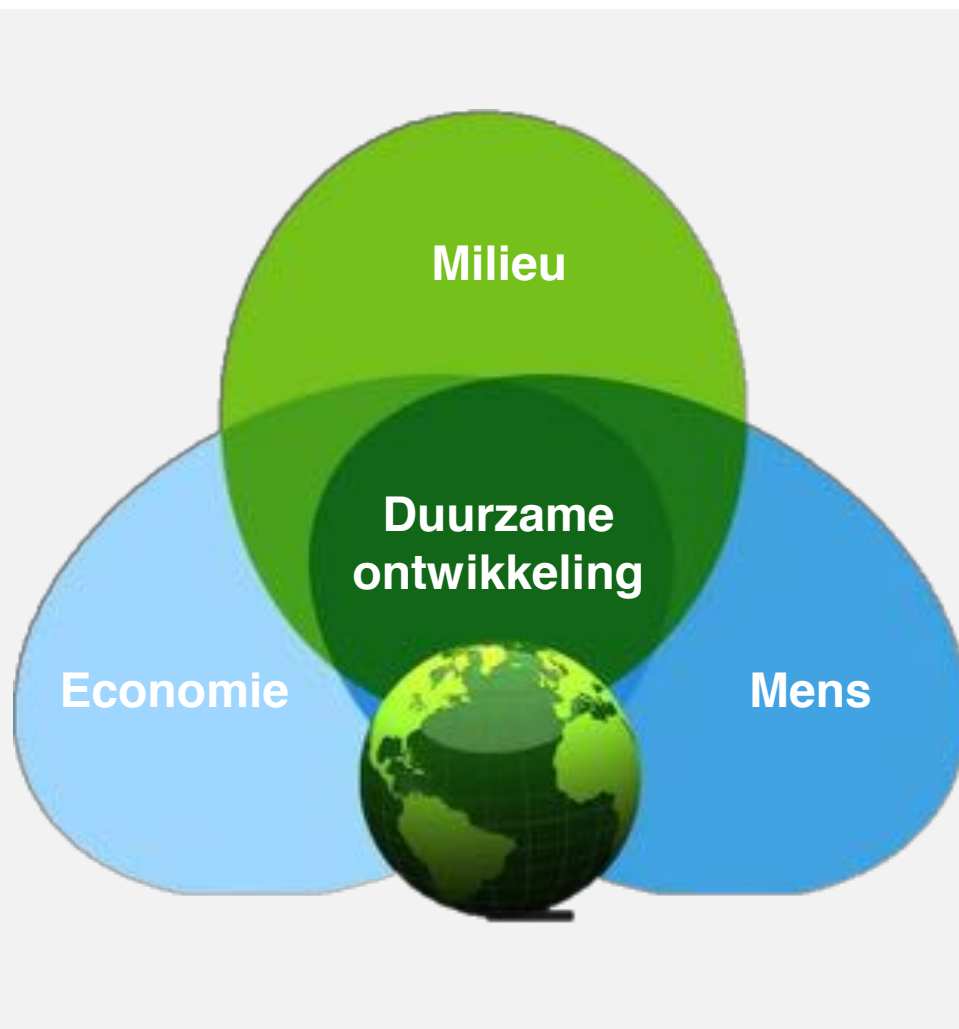
Stevige uitdagingen op alle fronten





We zijn al een eind op weg

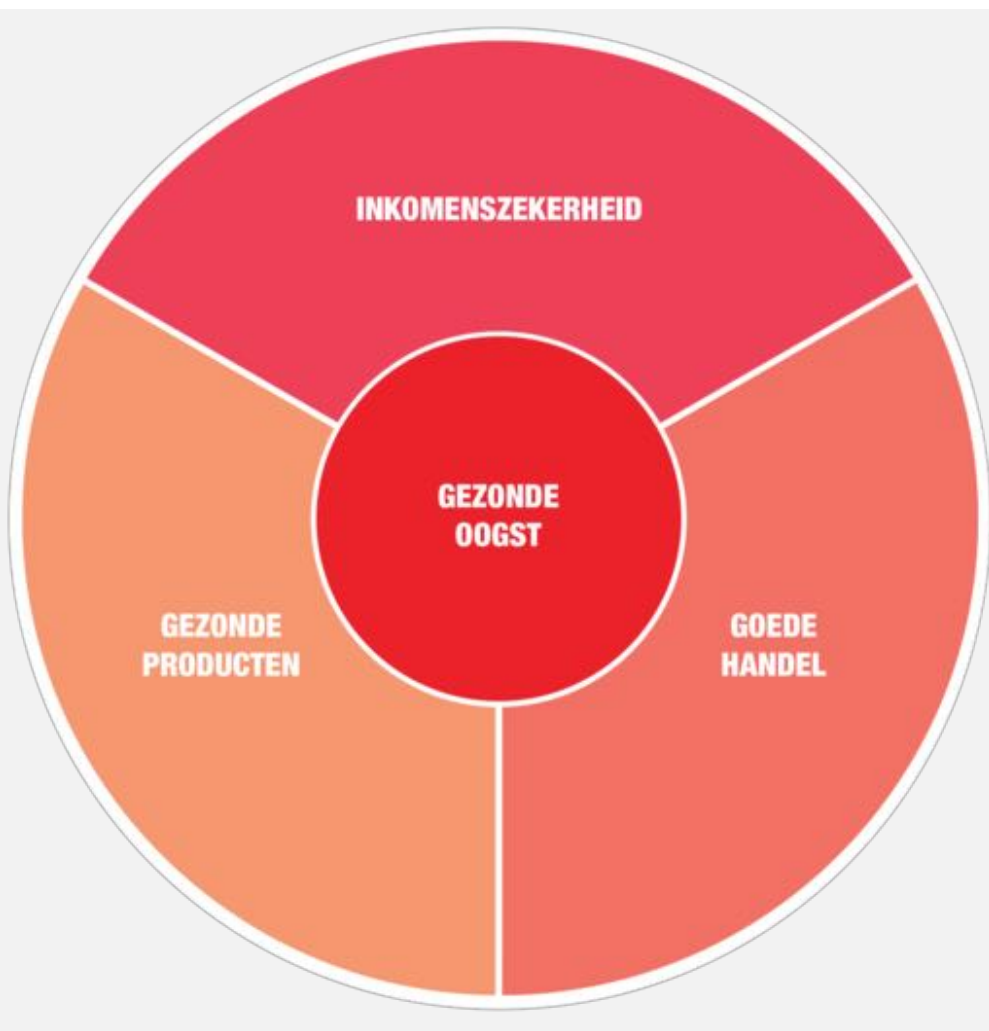
Er is al veel bereikt





Focus op 'Gezonde oogst'...

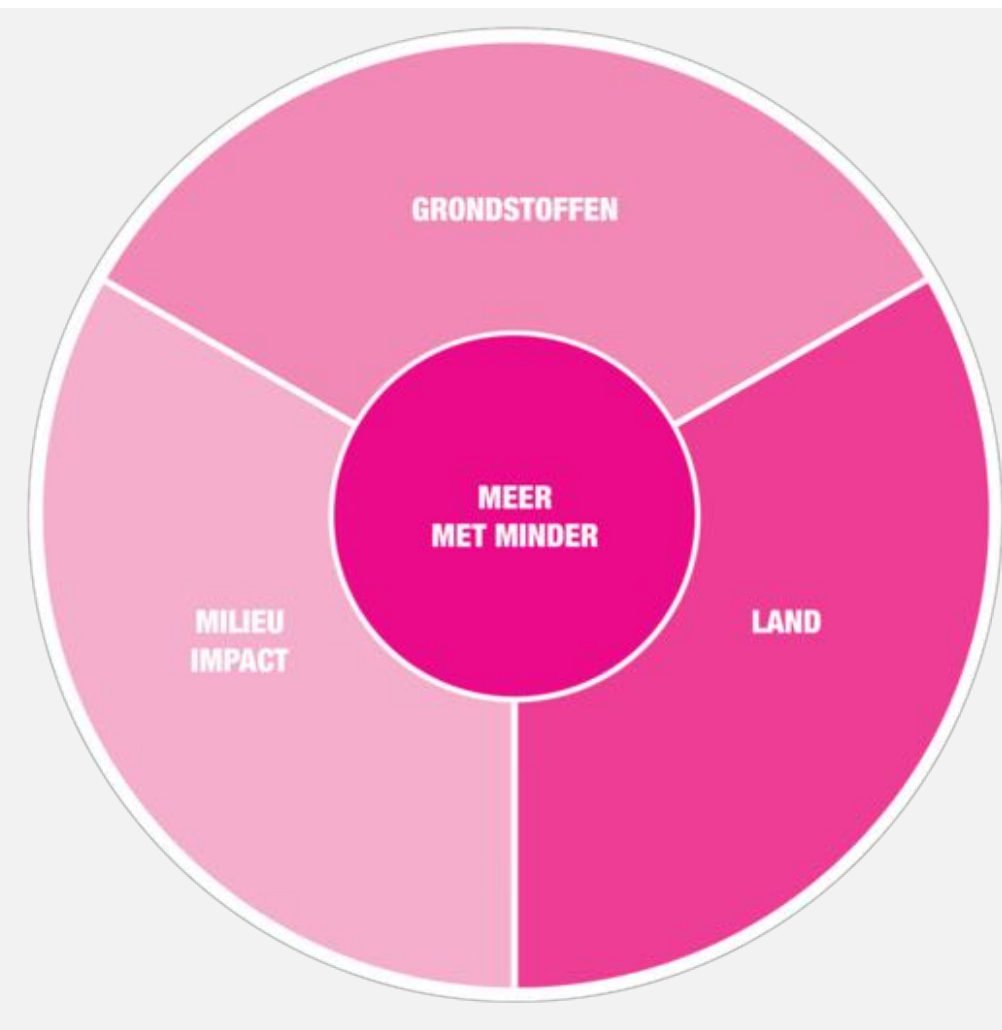
Gezonde en betaalbare producten van goede kwaliteit





... en 'Meer met minder'

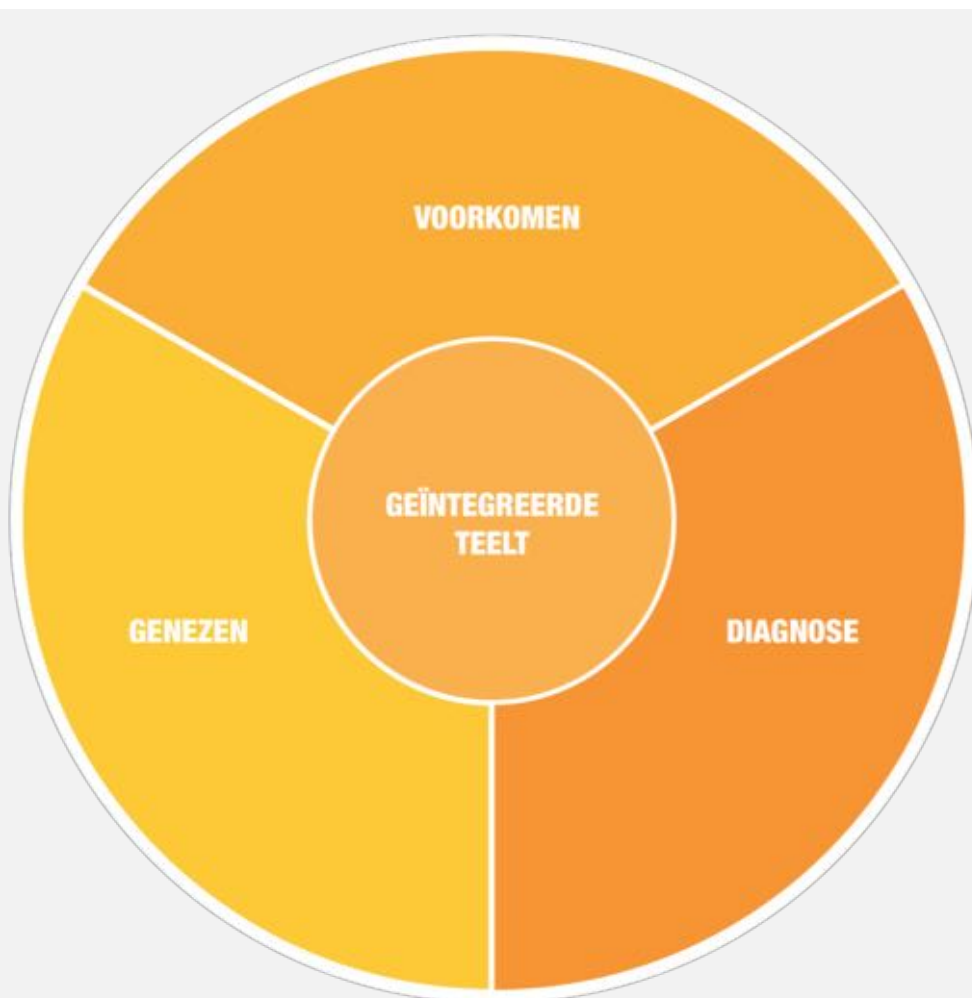
Optimaal gebruik input en verminderen van de milieubelasting





Geïntegreerde teelt

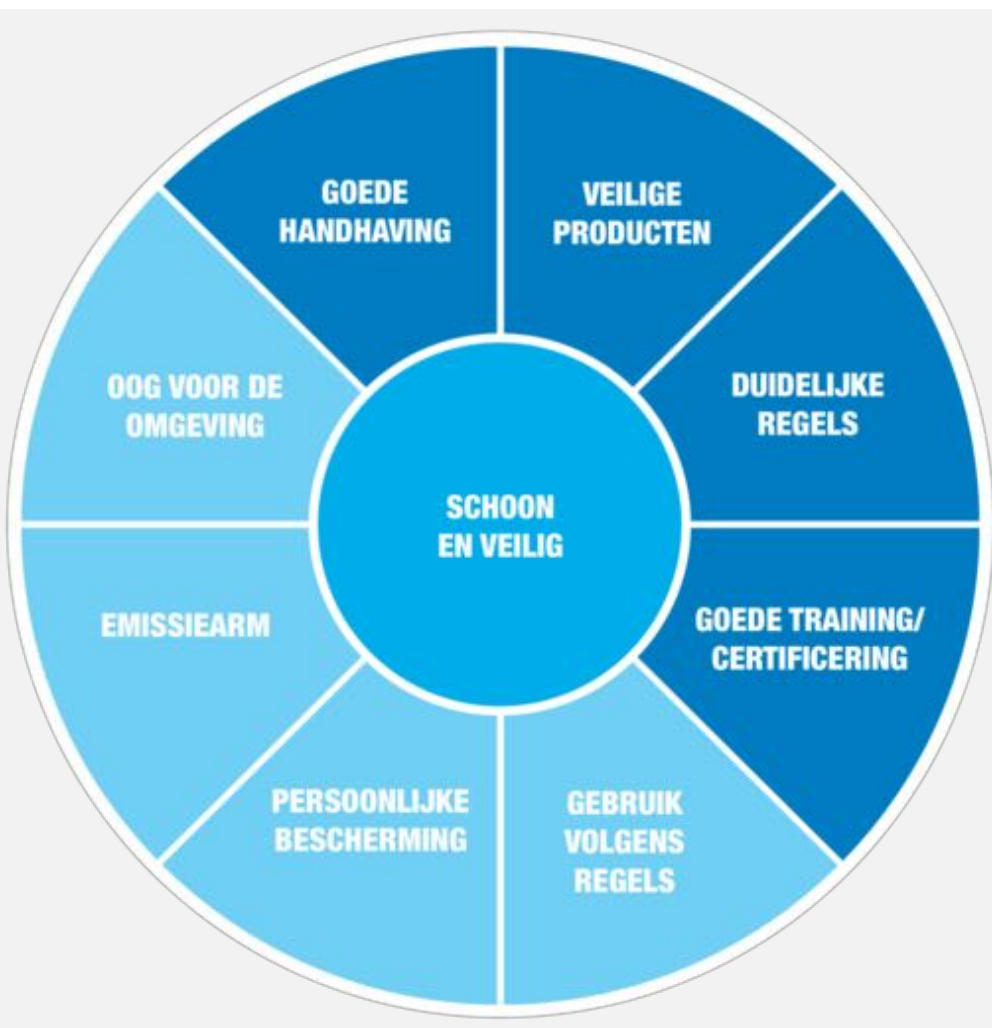
Voorkomen, diagnose en genezen





Verantwoord werken

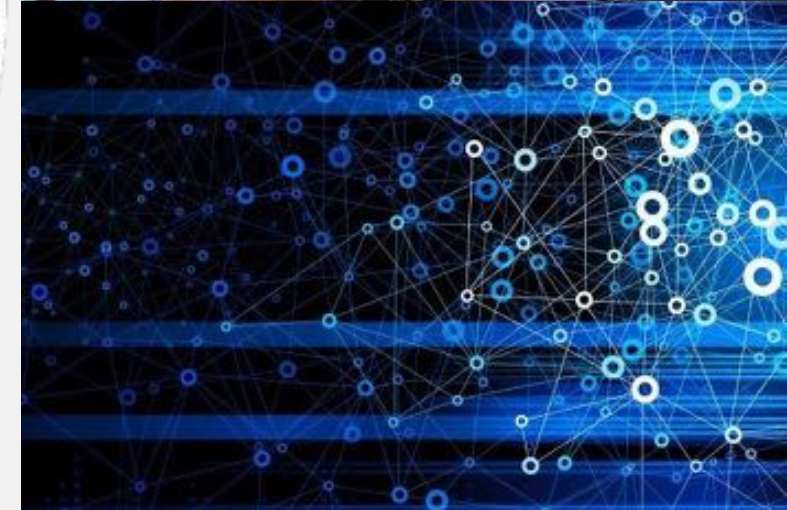
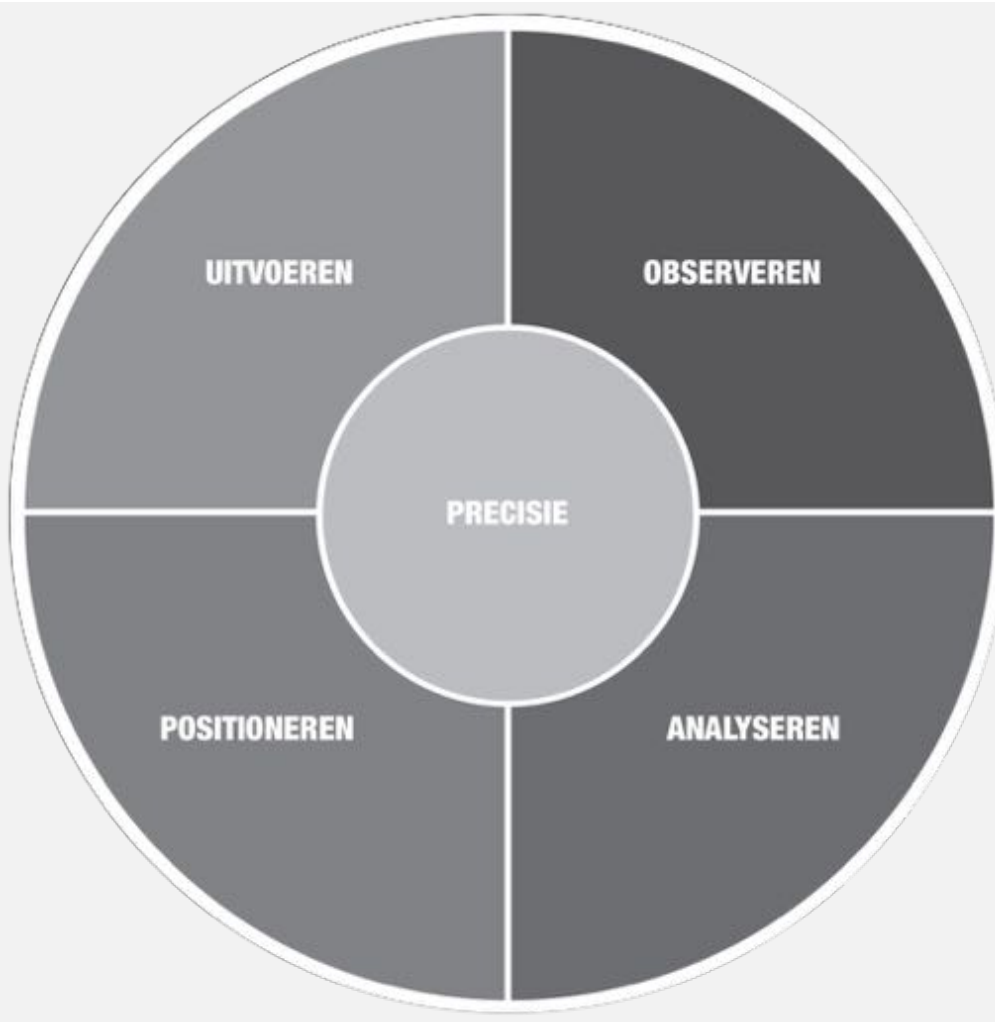
Voorkomen van onaanvaardbare effecten





Innovatie, reden voor optimisme

Precisie door kennis en technologie kans voor verduurzaming





Game Changers

Kansen innovatie voor verduurzaming benutten



Moderne veredeling



Precisie landbouw

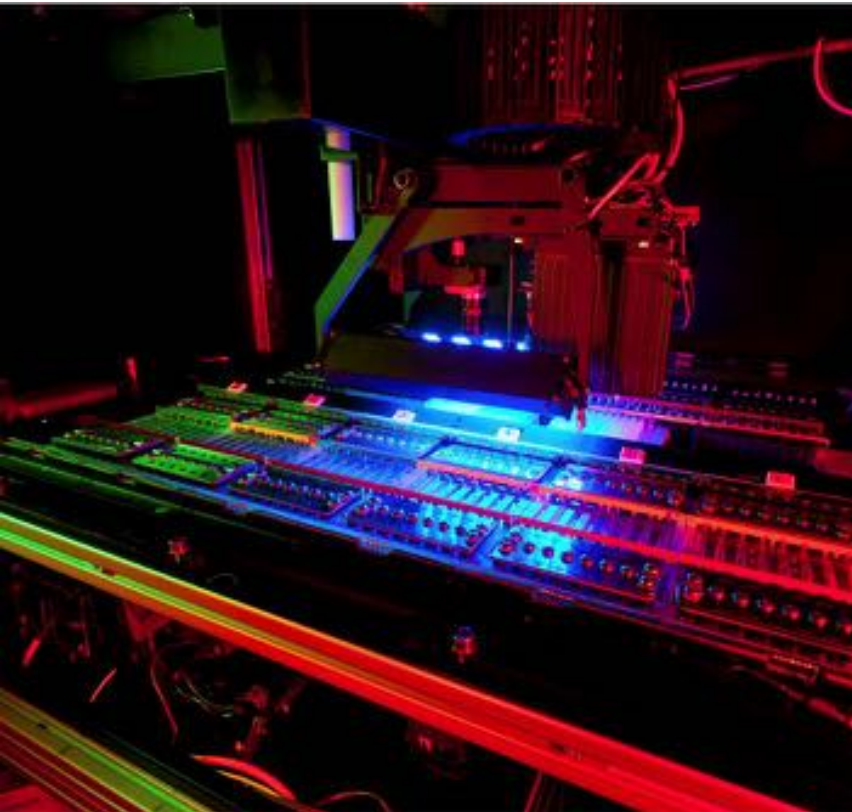


Innovatieve middelen



Moderne veredeling

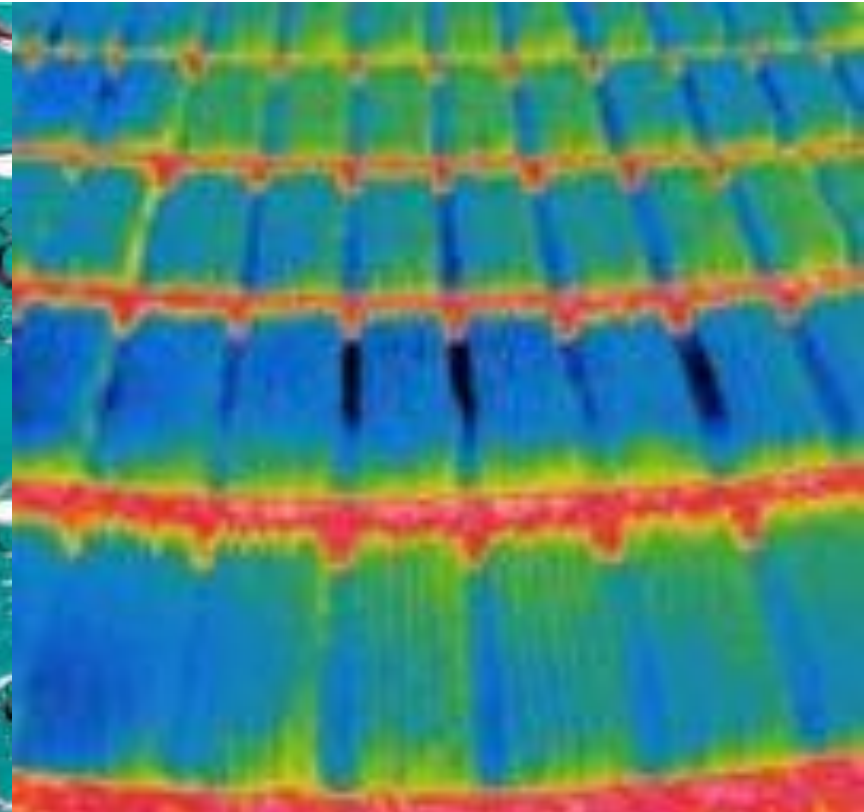
Sneller en gericht nieuwe planten maken



Lezen van genen



Natuur in het lab



Lezen van Planten

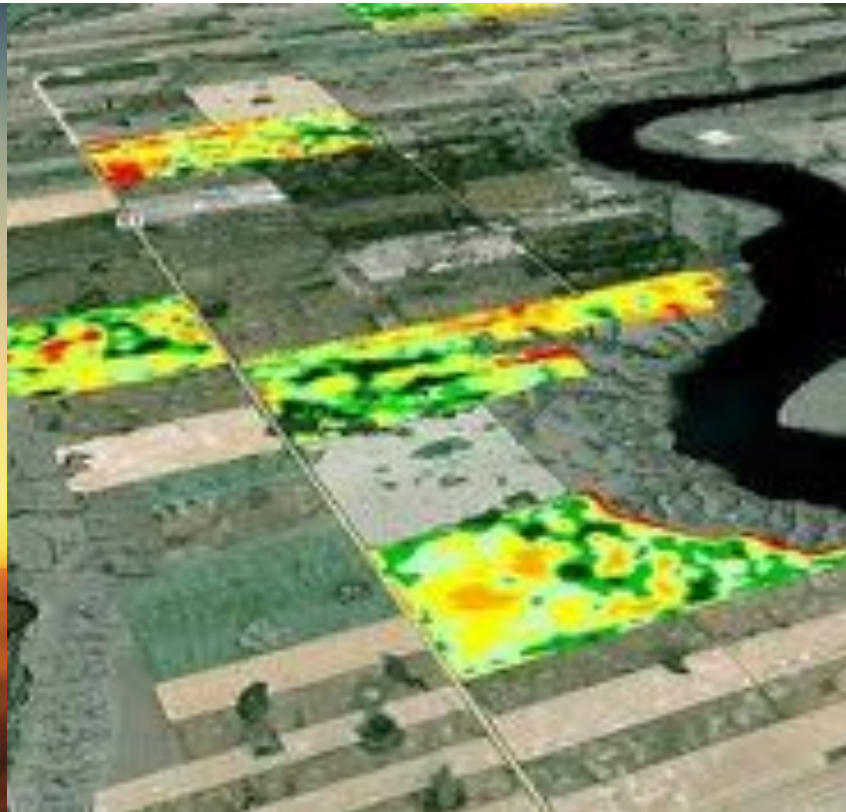


Precisie landbouw

Optimaliseren in tijd, plaats en hoeveelheid



Meten om te weten



Het veld in kaart



The internet of farms



Innovatieve middelen

De natuur als inspiratiebron



Kennis van plant en
omgeving



Werken met de natuur



Effectiviteit en veiligheid



Agenda

// Bayer

// Verduurzaming

// **Het debat**

// Forward Farming

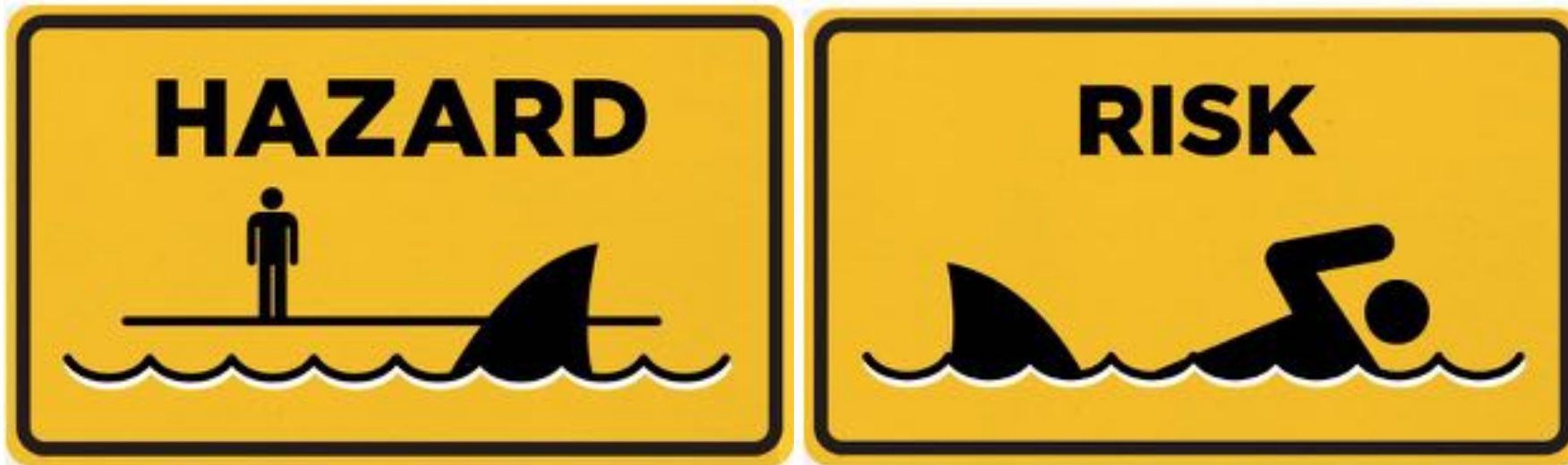
Complex debat over landbouw en voeding

Uitdagent voor verdere verduurzaming



Nulrisicosamenleving

Waardevolle instrumenten voor telers worden onnodig verboden

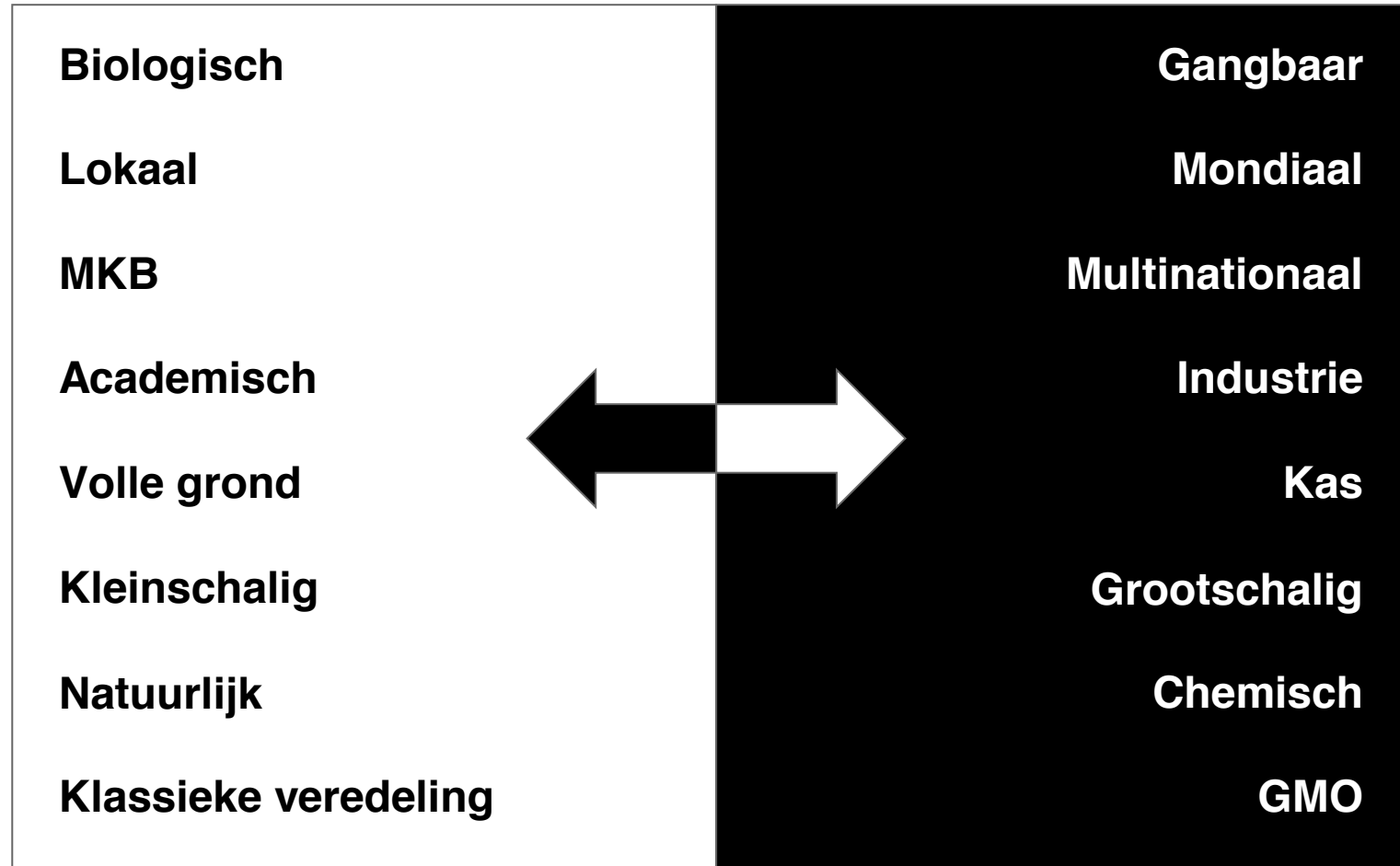


Risico = Gevaar (effect) x Blootstelling (kans)



Polarisatie

Duurzaamheid vraagt om een open houding



Simplificatie

Nuance in het maatschappelijk debat gaat verloren





Agenda

// Bayer

// Verduurzaming

// Het debat

// **Forward Farming**



Bayer Forward Farming

Praktijk- en dialoogplatform voor verdere verduurzaming van de landbouw



In Nederland
'Het Groene Hart'
Familie Roubos
Abbenes Noord-Holland

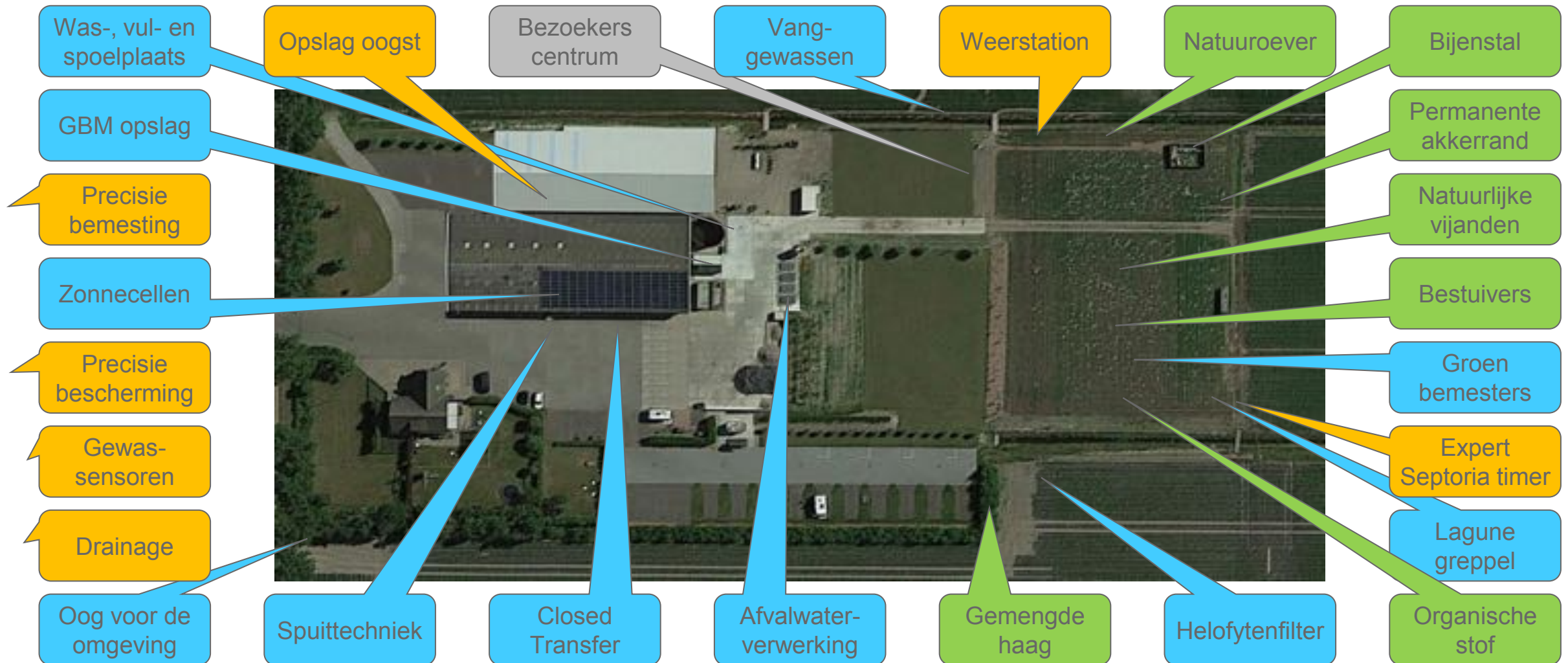
Platform

Praktijk

Dialoog

In het veld, op het erf en in de schuur

Demonstratie van praktische duurzaamheid





Duurzaamheid in de praktijk

Geïntegreerd telen en verantwoord werken



Verantwoord werken



Werken met de Natuur



Precisielandbouw



Dialogo in de praktijk

Een goed en geïnformeerd gesprek met verschillende stakeholders



Dialogo



Voorlichting



Educatie



Dank voor uw aandacht!

Vragen?

////////

hinse.boonstra@bayer.com,

06 46024177





Bayer Crop Science

*'Science for a better
Life'*



Hinse Boonstra
6 maart 2018





Missie 'Science for a better life'



Pharmaceuticals



Consumer Health



Crop Science



Duurzaamheidbeleid bij Bayer



150 Years
Science For A
Better Life



Lange termijn zakelijk
succes

Positieve maatschappelijke
bijdrage

Maatschappelijk
verantwoord ondernemen

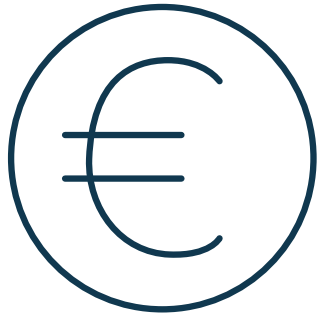


Agenda

// Lange termijn zakelijk
succes



Kengetallen Bayer groep



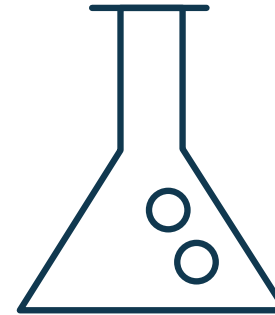
Verkopen

€35.0 billion



Medewerkers

99,820



Investerings in
RenD

€4.5 billion



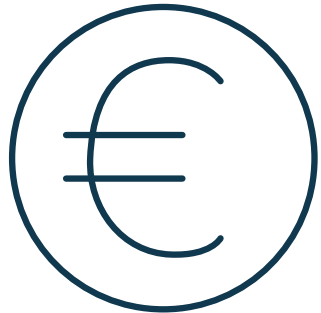
Landen

79

As of December 31, 2017

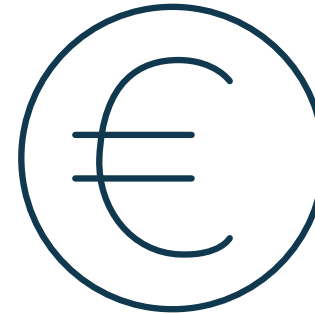


Verkopen Bayer onderdelen (miljoen)



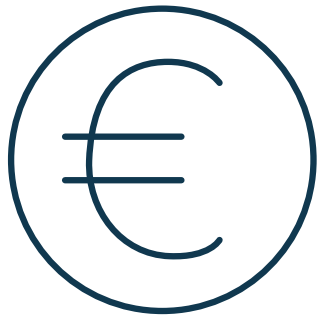
Pharmaceuticals

€16.847



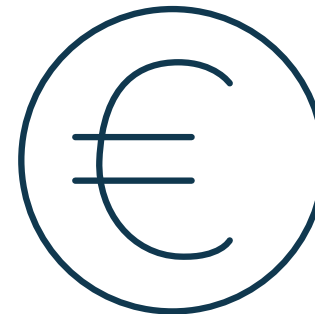
Crop Science

€9.577



Consumer Health

€5.862



Animal Health

€1.571

As of December 31, 2017



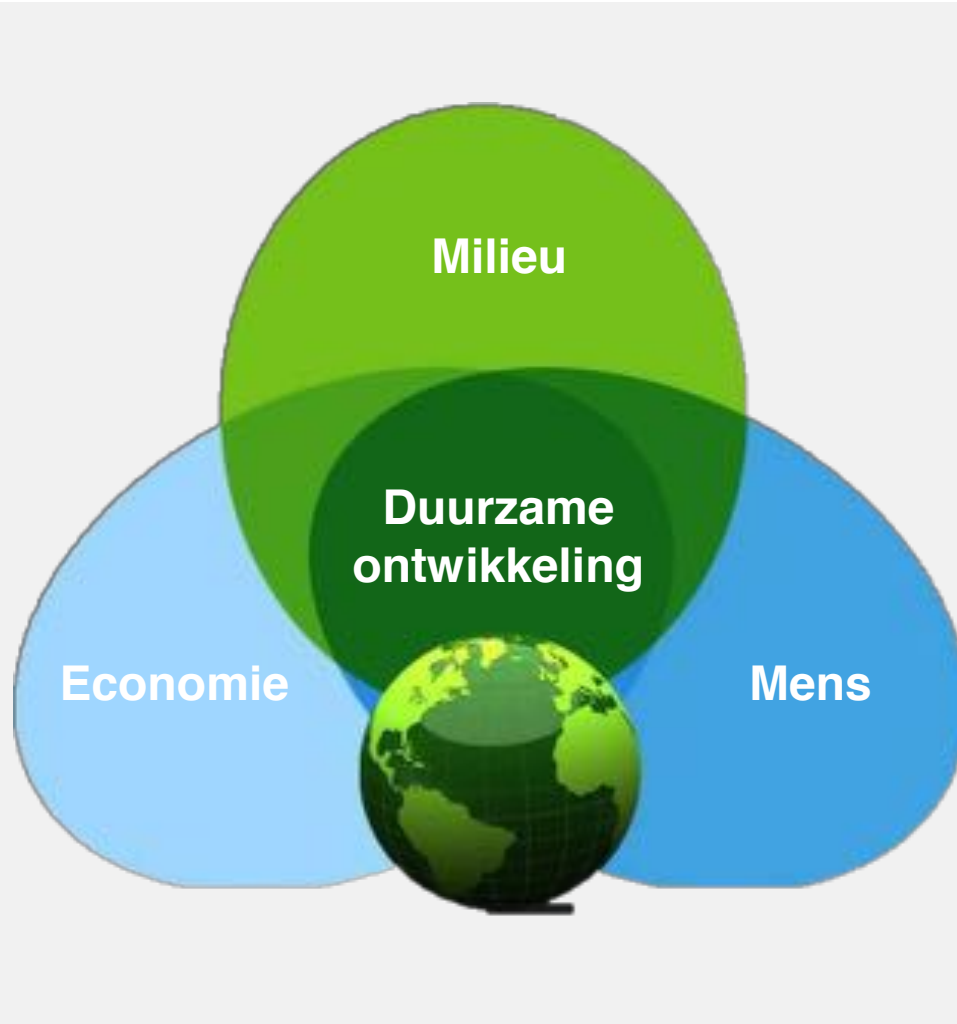
Agenda

// Positieve
maatschappelijke
bijdrage



Inzet op mondiale uitdaging voor duurzame ontwikkeling

Nemen van sociale, ecologische en economische verantwoordelijkheid



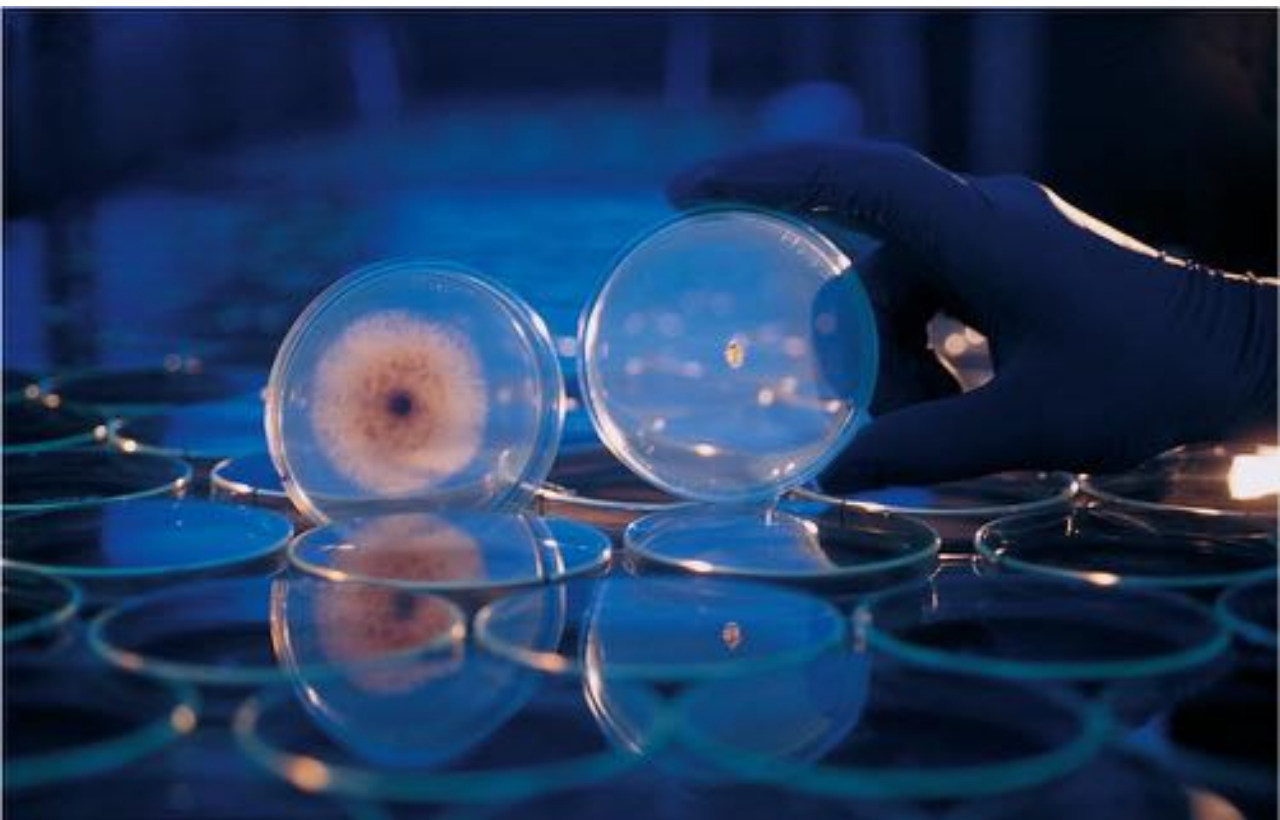


Natuurlijk kapitaal belangrijke basis voor onze producten

De natuur als leverancier van en inspiratiebron voor nieuwe producten



Genetische variatie



Nieuwe stoffen



Natuurlijk kapitaal belangrijk voor de landbouw

Ecosysteemdiensten belangrijk voor geïntegreerde teelt



Bestuiving



Natuurlijke vijanden



Bodemgezondheid



Investeren in geïntegreerde teelt en verantwoord werken

Basis voor verdere verduurzaming van de landbouw



Zaden



Diensten



Middelen



Innovatie

Kansen kennis en innovatie voor verdere verduurzaming landbouw benutten

Bayer en Innovatie

Sterk intern innovatieklimaat

Startups

Venture Capital / Grants

Publiek onderzoek

Joint Ventures

Patenten

Moderne veredeling

Precisie landbouw

Innovatieve middelen

Productontwikkeling met oog voor natuurlijk kapitaal

Geen onaanvaardbare effecten van gewasbeschermingsmiddelen op het milieu





Product stewardship

Zorgdragen voor het verantwoord gebruik van onze producten



Persoonlijke veiligheid



Emissiearm



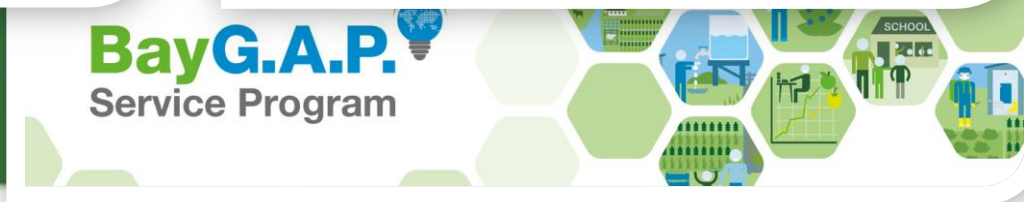
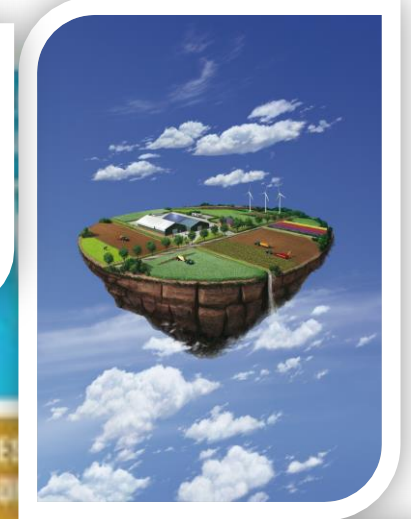
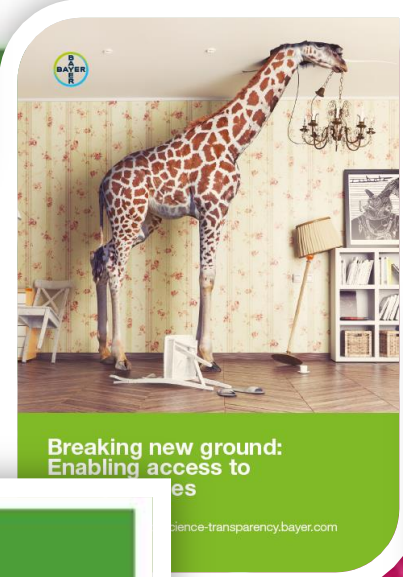
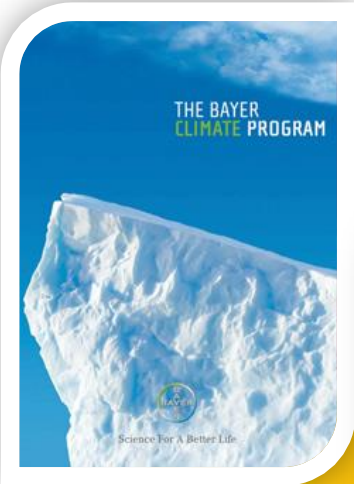
Agenda

// Sterke
maatschappelijke
betrokkenheid



Sterke maatschappelijke betrokkenheid

Verankerd in de organisatie en onderdeel van maatschappelijke deelname





De Bayer inzet op duurzaamheid wordt gewaardeerd

Bayer rapporteert zeer uitgebreid en neemt deel aan belangrijke beoordelingen en ranglijsten



FTSE4Good



Access to Seeds
Index

access to
medicine
Index

STOXX INNOVATIVE. GLOBAL. INDICES.

MSCI



DRIVING SUSTAINABLE ECONOMIES



Dow Jones
Sustainability Indexes



Dank voor uw aandacht!

Vragen?

**Agricultural Policy and
Stakeholder Affaires NL**

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Hinse.boonstra@bayer.com

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Constance Spitzer

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constance.spitzer@bayer.com

**Corporate Health, Safety &
Sustainability**

Ute Menke

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ute.menke@bayer.com



The background of the slide is a photograph. On the left, a person's arm and hand are visible, holding a small globe of the Earth. The hand is positioned as if supporting the globe from below. The background is a bright, hazy sunset or sunrise over a landscape, with warm yellow and orange light filling the scene. The overall mood is hopeful and focused on environmental stewardship.

Natuurlijk Kapitaal Expeditie
Colette Grosscurt
6 maart 2018

About ACTIAM

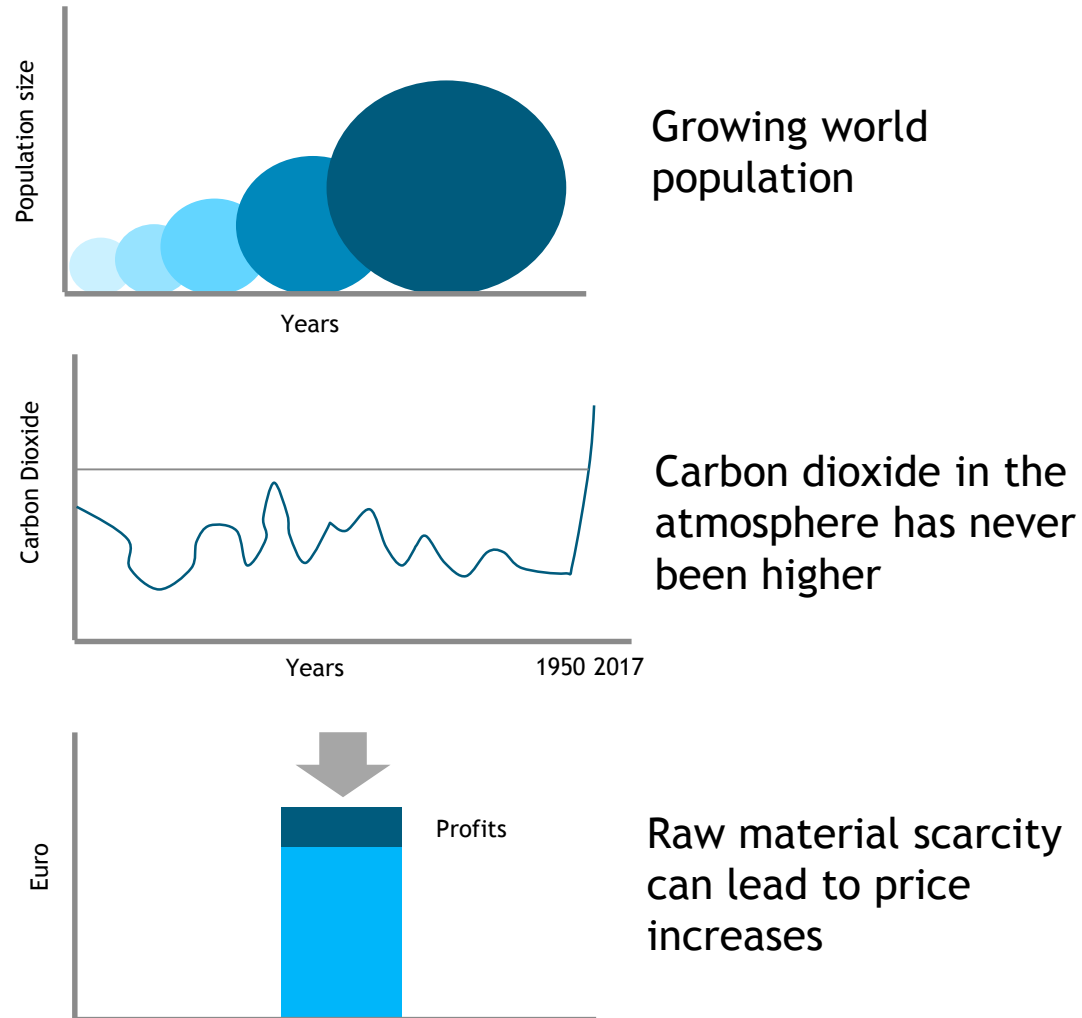
ACTIAM is the responsible and impact asset manager

- EUR 54,1 billion assets under management as of 31 December 2017
- Clients include: insurance companies, mutual funds, banks and pension funds
- Asset allocation: 80% fixed income, 20% equities



ACTIAM aims to contribute to the SDGs

Financial and societal challenges



An agenda for sustainable development and multi-stakeholder collaboration

SUSTAINABLE DEVELOPMENT GOALS



ACTIAM's ambition

We aim to optimize financial, social and environmental returns in the long term with a focus on materiality

Company inputs

Environmental



Social



Financial



Company performance

Environmental



Social



Financial



Company (long-term) financial returns



How ACTIAM uses natural capital: Target setting (1/3)

Our starting points

Change in the real economy

Contribution to the SDGs

Within the planetary boundaries

Science-based approach

Three focus themes and targets



Climate

-40% GHG emissions in 2040



Water

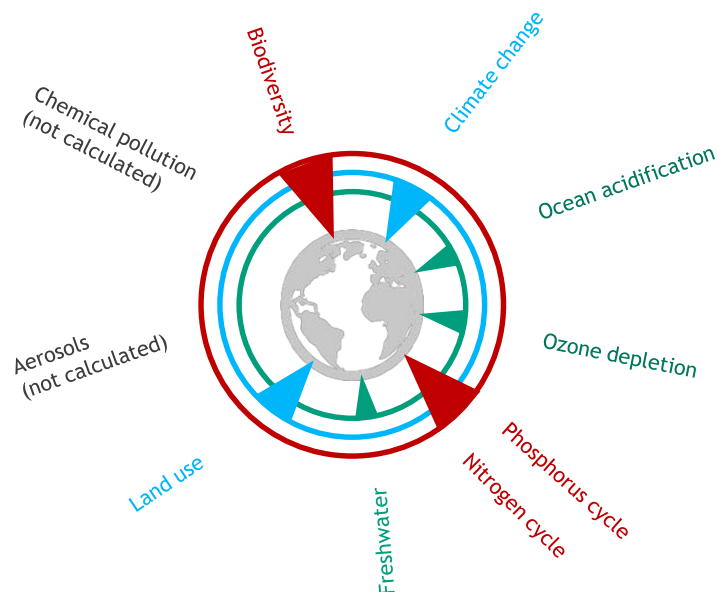
Water-neutral in 2030



Land

Zero deforestation in 2030

Natural capital



How ACTIAM uses natural capital: Engagement (2/3)

Engagement on specific topics within our focus themes and material to the company



Energy transition

Example question: how does the company include reducing carbon emissions and will they reduce the emissions accordingly?



- Water consumption in high-risk areas
- Water pollution

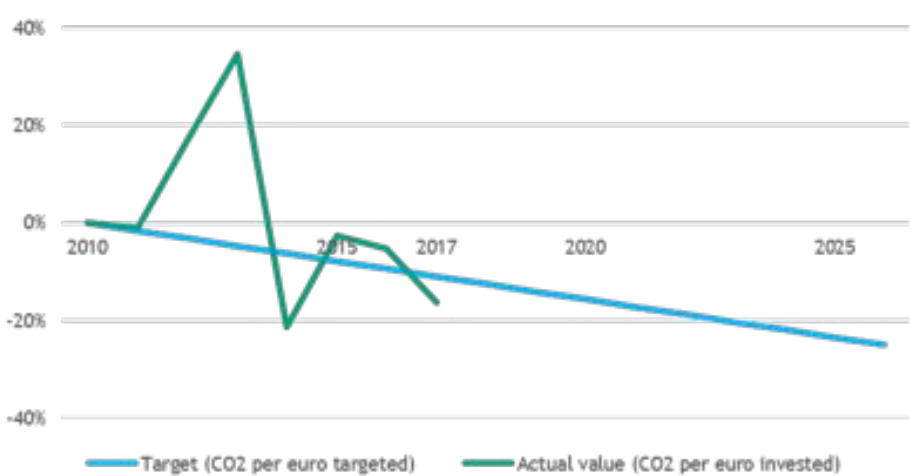
Example question: does the company set specific, measurable and timebound targets for addressing pollution?



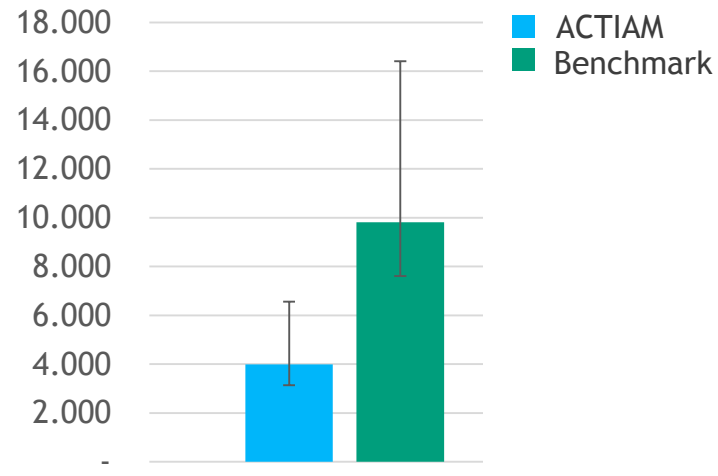
- Deforestation in the palm oil sector
- Animal welfare to reduce land use in collaboration with BBFAW*
- Neonicotinoids (currently planned) to address the negative impact on bees



How ACTIAM uses natural capital: Measuring impact (3/3)



Annual carbon intensity (CO₂ /euro) for Euro Active Equity Fund



Water consumption in high risk areas (m³)

?



Our role in stimulating natural capital

Stimulate sector-wide uptake



Stimulate knowledge sharing across sectors



Stimulate impact measurement



Stimulate engagements



Challenges and trends regarding natural capital for FIs

Challenges

Trends

Impact measurement

For example standardized measure to assess the impact of land degradation or biodiversity reduction

Platform for Biodiversity Accounting of Financial Institutions (PBAF) and other international organisations like WRI are working on this

Data availability

Many companies lack data on specific impacts

Standardized reporting for example by engaging companies through CDP questionnaire

Conservation finance

Scalability of projects with a positive impact on natural capital so they match risk/return profile of institutional investors

Several initiatives to work on this to launch new forms of bonds and close the knowledge gap between conservation organisations and finance institutions, e.g. CPIC



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Growing a Better World Together

Op weg naar een duurzame Food & Agri sector – van veld naar vork



Rabobank

Introductie





Tegenwoordig heeft de Rabobank

102 miljard euro

uitstaan binnen de F&A sector

Dat is bijna **25%** van ons totale
uitstaande kapitaal

Missie

GROWING A BETTER WORLD TOGETHER

Ambitie

Substantiële bijdrage aan de Sustainable Development Goals

Positionering

Wij ondersteunen klanten met kennis, netwerken en financiën om soeverein te zijn in hun keuzes

Rol

Een moedige bank die opstaat voor klantissues met grote maatschappelijke impact

Missie
Ambitie





Global Food Challenge

Growing a Better World together

Meerjarig programma om een bijdrage te leveren aan het wereldwijde voedselvraagstuk:

Earth

Wereldwijd de kwaliteit herstellen van de huidige landbouwgrond, als voorwaarde voor het produceren van meer voedsel met minder weerslag op het milieu

Waste

Voedselverspilling in de hele voedselproductieketen terugdringen

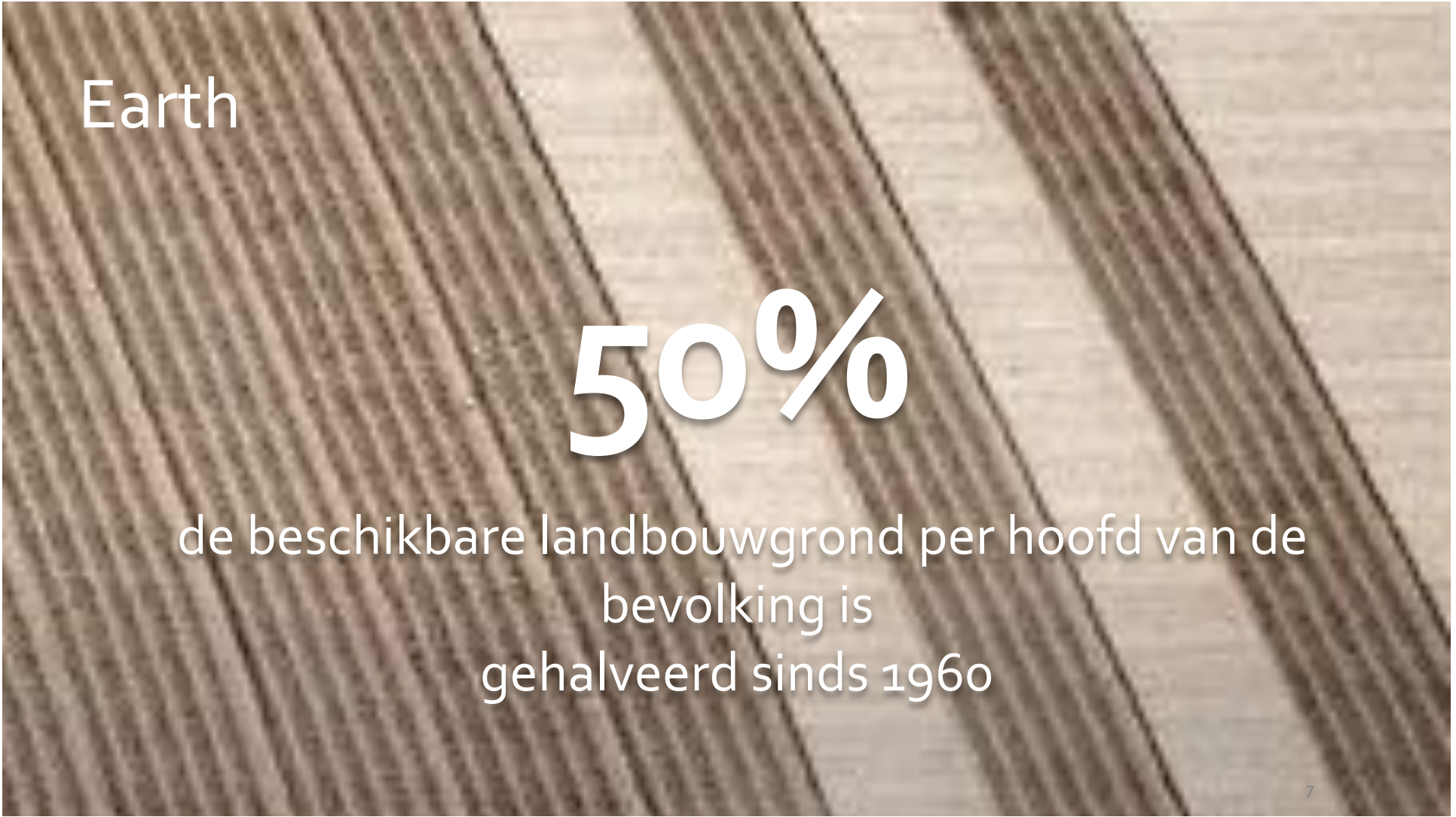
Nutrition

De voedingswaarde van onze diëten uitbalanceren

Stability

Een stabielere en robuustere voedselmarkt aanmoedigen en stimuleren

Door middel van Kickstart Food zetten we onze kennis, netwerken en financiële oplossingen in op deze vier thema's.



Earth

50%

de beschikbare landbouwgrond per hoofd van de
bevolking is
gehalveerd sinds 1960



Earth

30%

van het gebruikte land is momenteel
gedegrademd.



Rabobank's bijdrage

Banking for Food Innovation

Networks



mOOvement

FoodBytes!
by Rabobank

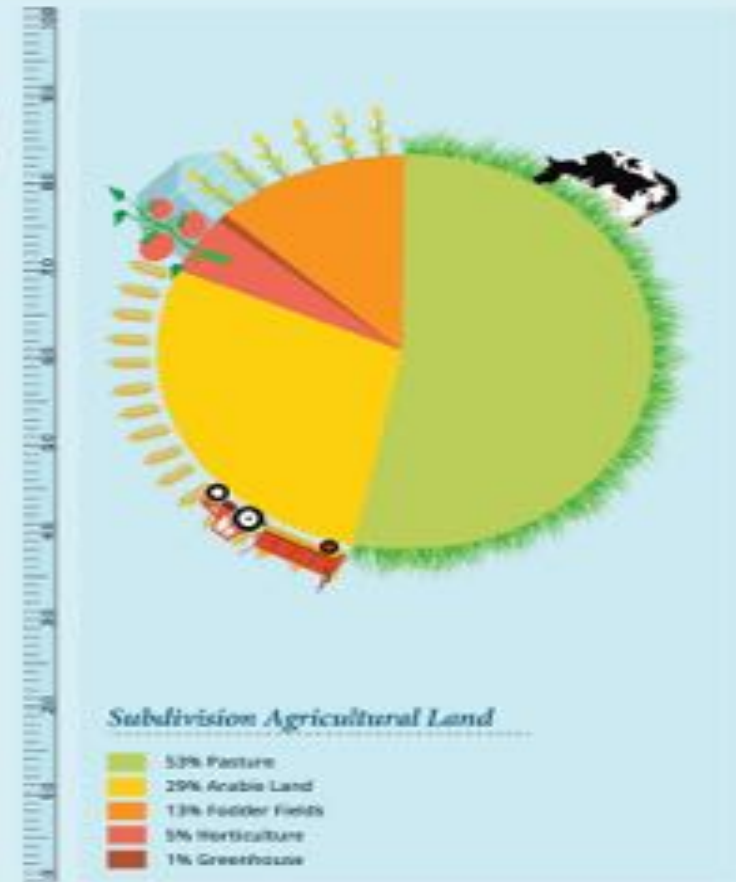
 **FARMBIT**

 **TERRA**
by Rabobank + RocketSpace

 **GlobalFarmers**
Connect, Share, Grow

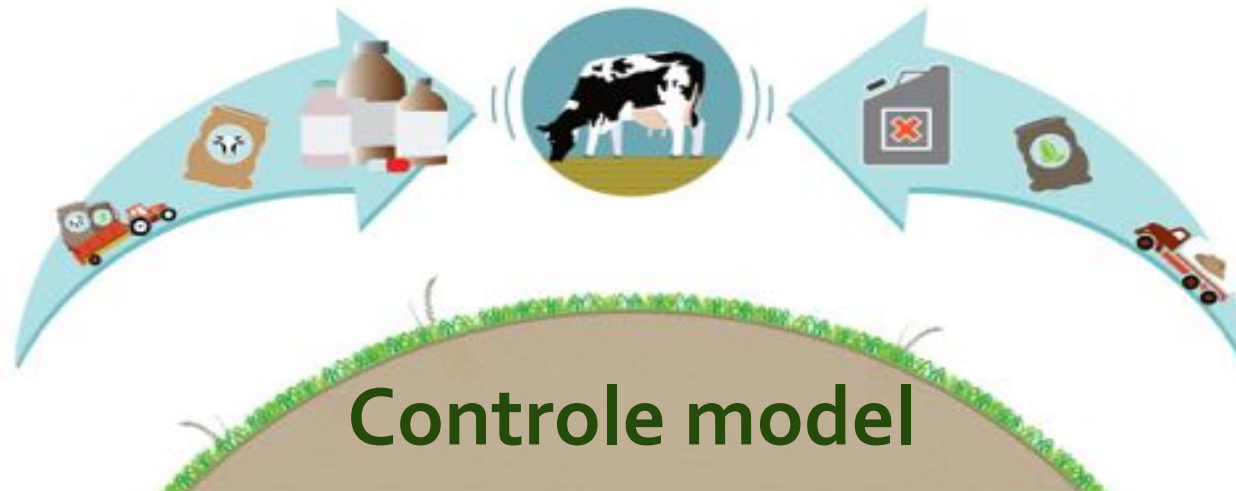
Film

Melkveehouderij grootste gebruiker van land



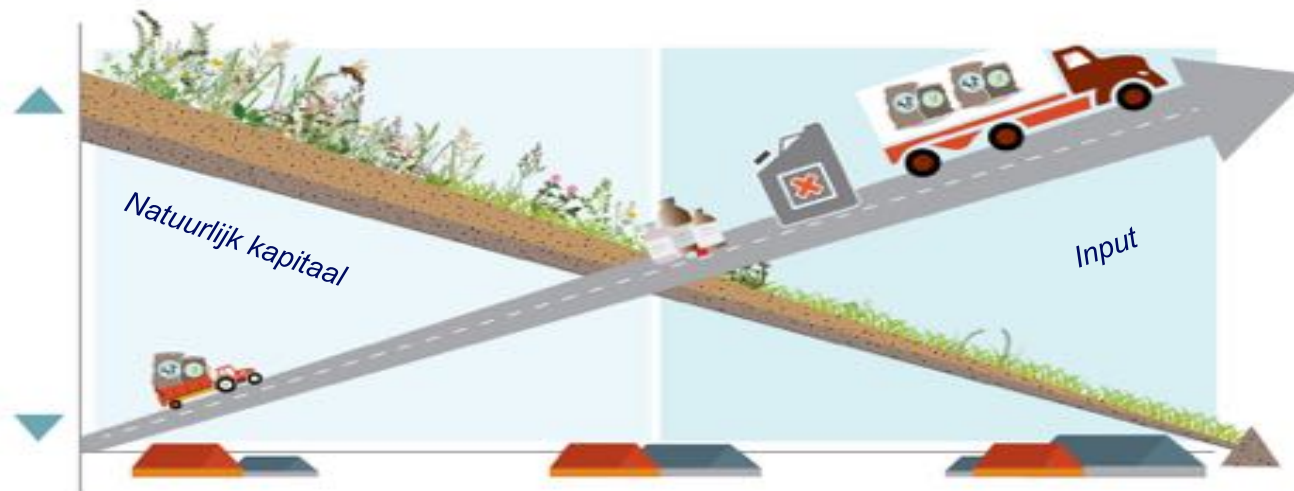
Source: Centraal Bureau voor de Statistiek, 2018

Huidige situatie: verregaande intensivering



Controle model

Intensivering schaadt soortenrijkdom



Intensiteit van bedrijf



Hoge efficiëntie ten koste van natuurlijk kapitaal

En boeren worden er ook niet beter van...

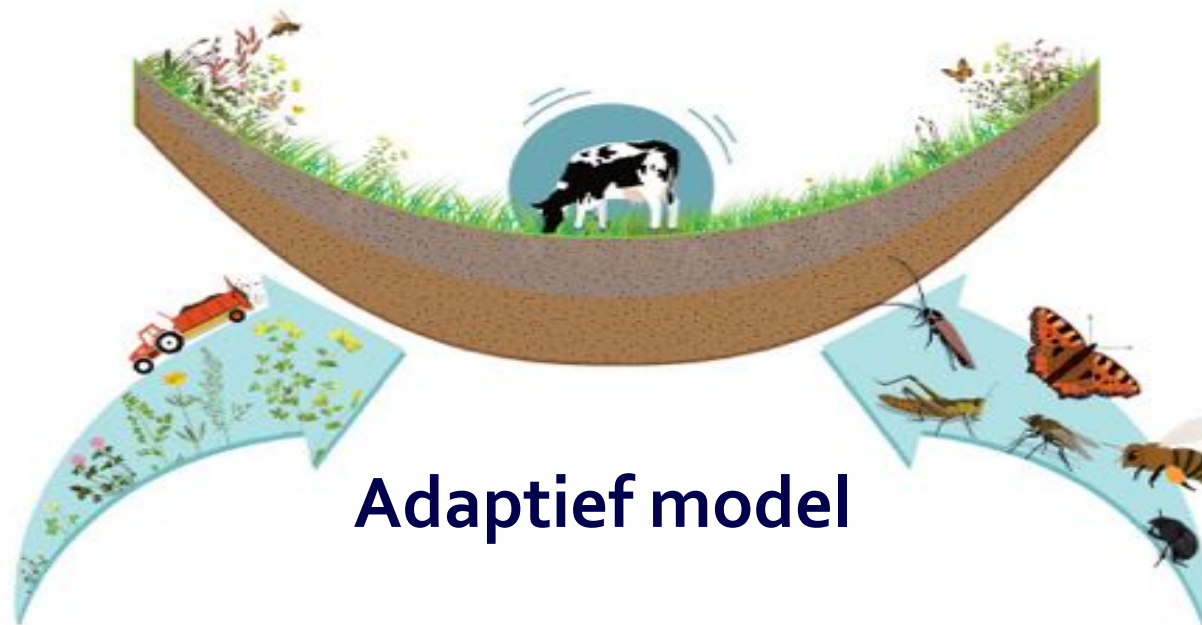


Hoge investeringen / laag netto inkomen



Bron: Wijsgeer in het wild, 2015, Johan van de Gronden

Het alternatief: boeren met natuur





Subsidies



Agrarisch
Natuurbeheer



Control model

Beleid

Wet- &
regel
geving
Subsidies

Keten partners

Friesland
Campina
Rabobank



Herontwerp systeem



Nieuwe bedrijfsmodellen



Adaptief model

Het verlies aan biodiversiteit raakt de melkveehouderij



✓ Imago

"Het verlies van biodiversiteit wordt veroorzaakt door schaalvergroting **en intensivering** in de melkveehouderij"

✓ Risico's

Melkveehouderij wordt weer meer afhankelijk van natuurlijke hulpbronnen;
Bodem, Water en Energie

✓ Kans

Onderscheidend vermogen **in de markt** door "natuurlijke productie"



WHY?



Dat vertaalt zich in een visie



De melkveehouderij is in hoge mate **afhankelijk** van diversiteit van levende organismen. Andersom wordt de **biodiversiteit** beïnvloed door activiteiten van melkveebedrijven.

Melkveebedrijven die bijdragen aan het behoud biodiversiteit verdienen waardering. Het behouden van biodiversiteit creëert kansen voor het **vermarkten van zuivel en financieringsvormen** en het behouden van **maatschappelijke waardering**.



Het behoud van biodiversiteit is een maatschappelijk belang



- 1 Melkveehouders die zich inzetten voor het onderhoud van de natuur en het landschap leveren een **publieke dienst**.
- 2 Totaal **beschikbare subsidies** voor agrarisch natuurbeheer nemen steeds verder af.
- 3 Een **nieuw verdienmodel** is een voorwaarde voor het behoud van biodiversiteit



How?



Perspectief voor de landbouw



Het **verdiene**n van waardering door aantoonbare prestaties

- Indirect

Financieringsvoordelen

Toegang tot pachtovereenkomsten

Duurzaamheidsbonus

Overgangsregeling voor transitie

- Direct

Uit de zuivelmarkt

Financieringsvoorwaarden



KPI's van de biodiversiteitsmonitor



Functionele agrobiodiversiteit

Klimaat



Uitstoot
Broeikasgassen

Land-
gebruik



% blijvend
grasland
% eiwit van
eigen land

Mineralen
verliezen



Ammoniak-
emissie per ha

Bodem



Stikstof
Bodem
overschot

Landschap



Aandeel
landschaps-
beheer

Soorten



Aandeel
Soorten
beheer

Verbinding



Peilbeheer

Kruidenrijk grasland



Film

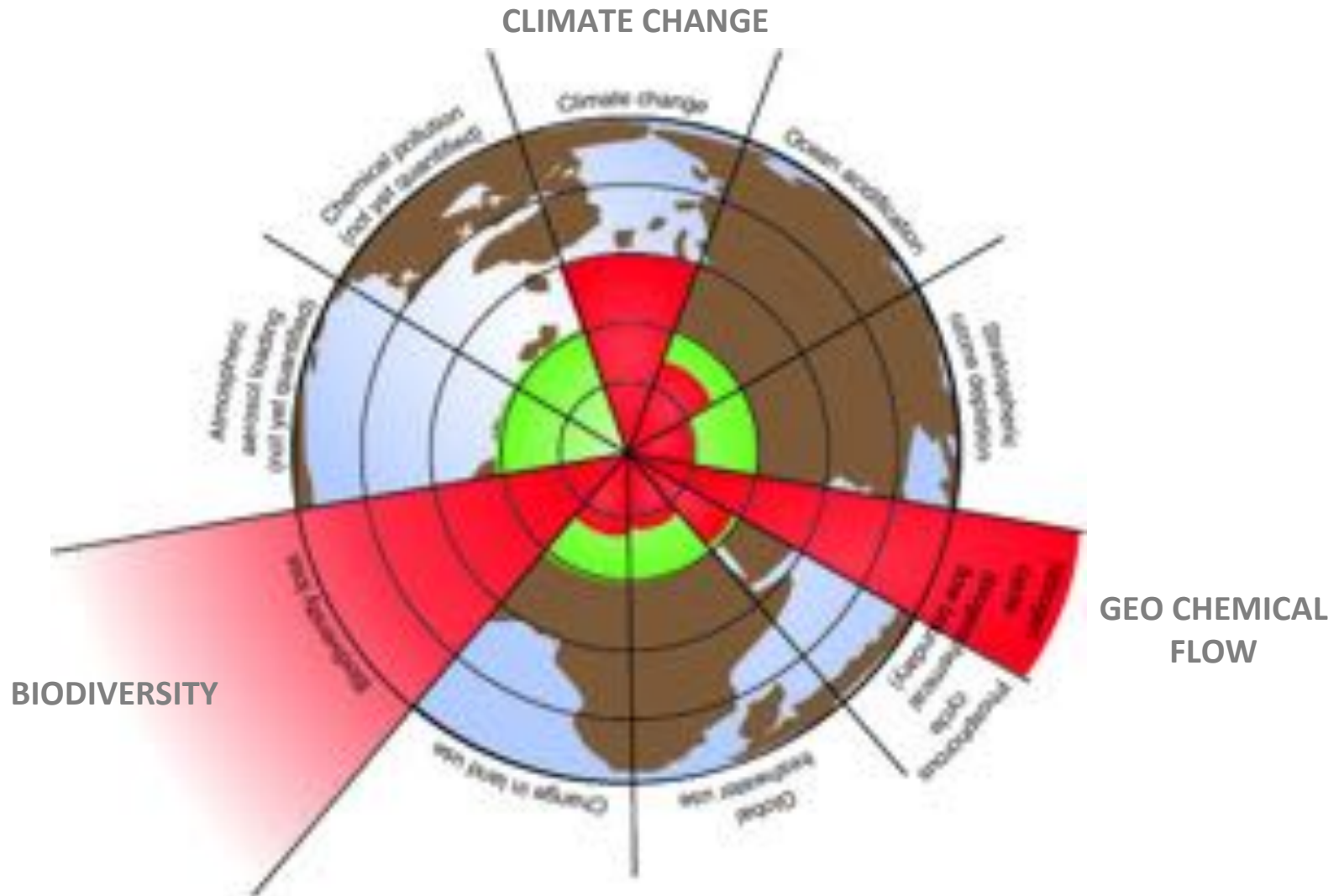


Rabobank





Planetary Boundaries





SUSTAINABLE DEVELOPMENT GOALS



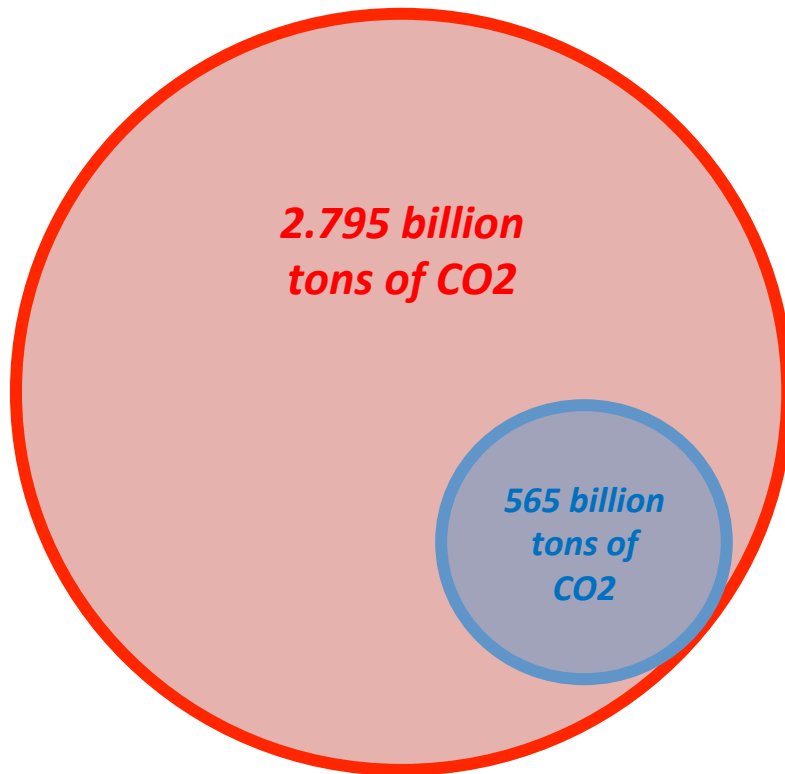
PROFIT *RE-DEFINE*

PEOPLE

PLANET



Johan Rockström, Stockholm Resilience Centre 2016



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 their 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 out to deal with global warming.

DNBulletin: Toenemende klimaatrisico's vragen om meer aandacht van de financiële sector

Datum 5 oktober 2017
Thema Financiële sector



Financiële instellingen moeten in toenemende mate rekening houden met de risico's die gepaard gaan met klimaatverandering en de overgang naar een klimaatneutrale economie. In een nieuw rapport focust DNB op de impact van klimaatrisico's op de Nederlandse financiële sector. Deze impact is veelzijdig, zo blijkt uit een viertal deelonderzoeken, en dient zich steeds nadrukkelijker aan. DNB gaat klimaatrisico's daarom steviger verankeren in haar toezicht met als uiteindelijke doel het bewerkstelligen van duurzame financiële stabiliteit.

klimaatverandering en energietransitie financiële risico's

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

Bank of England governor Mark Carney currently poses a challenge to the world's financial markets.



Mark Carney, Governor of the Bank of England, has warned that climate change could lead to financial crises and falling living standards unless the world's leading countries do more to ensure that their companies come clean about their 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 out to deal with global warming.

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

Bank of England governor

Standard & Poor's

A Division of The McGraw-Hill

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The Hidden Cost of UK Food

by Sustainable Food Trust on 21 November, 2017 in Food Policy, Food Systems

UK food sector's shadow economy costs taxpayers £120bn, new report finds.

Insurance market Lloyd's of London on Tuesday, Carney said
ers were heavily exposed to climate change risks and that time was running
out to deal with global warming.

klimaatverant
sociale



EU HIGH-LEVEL EXPERT GROUP ON
SUSTAINABLE FINANCE

FINANCING A **SUSTAINABLE** EUROPEAN ECONOMY

Final Report 2018
by the High-Level Expert Group on Sustainable Finance
Secretariat provided by the European Commission

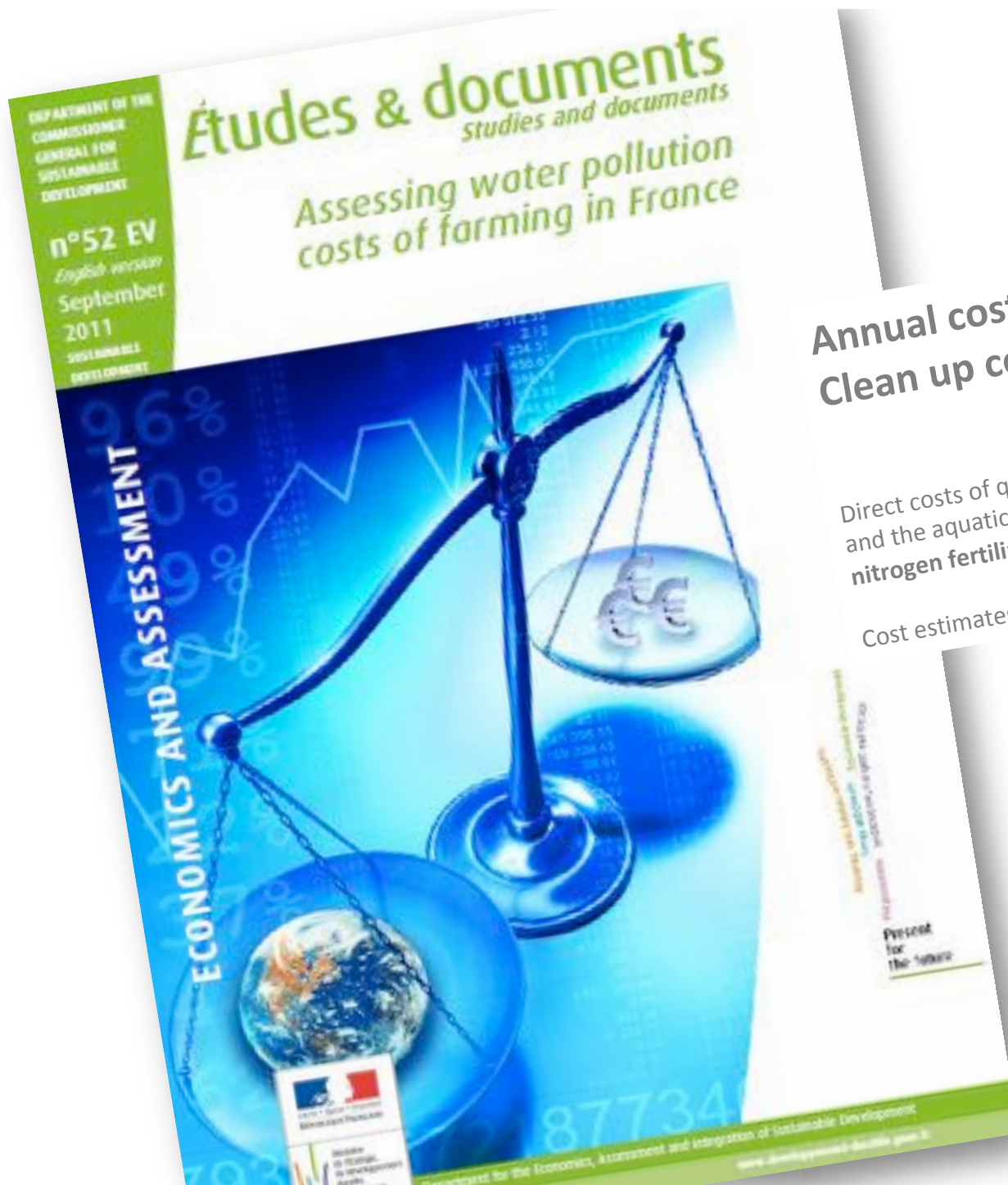
Food

2017 in Food

yers £120bn,

eosta

where ecology meets economy



Annual costs 54+ billion €/yr
Clean up costs 522+ billion €/yr

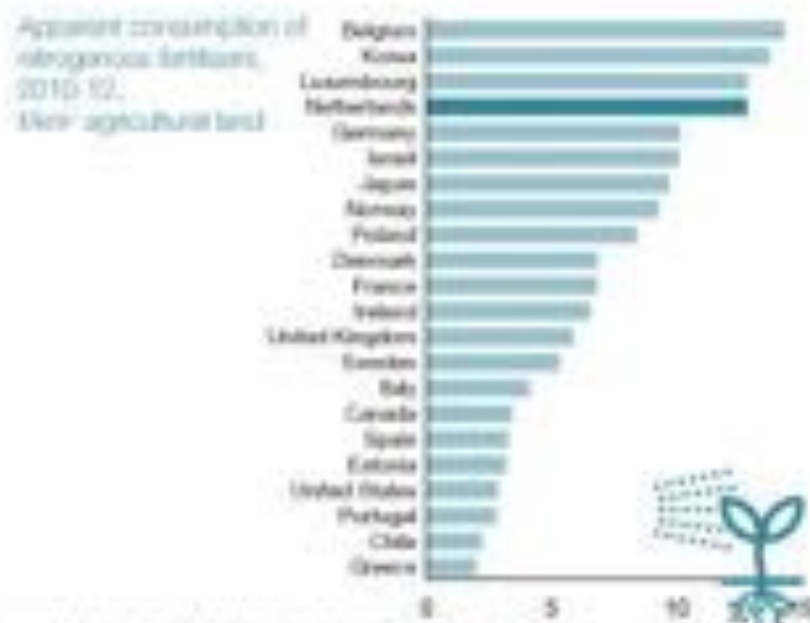
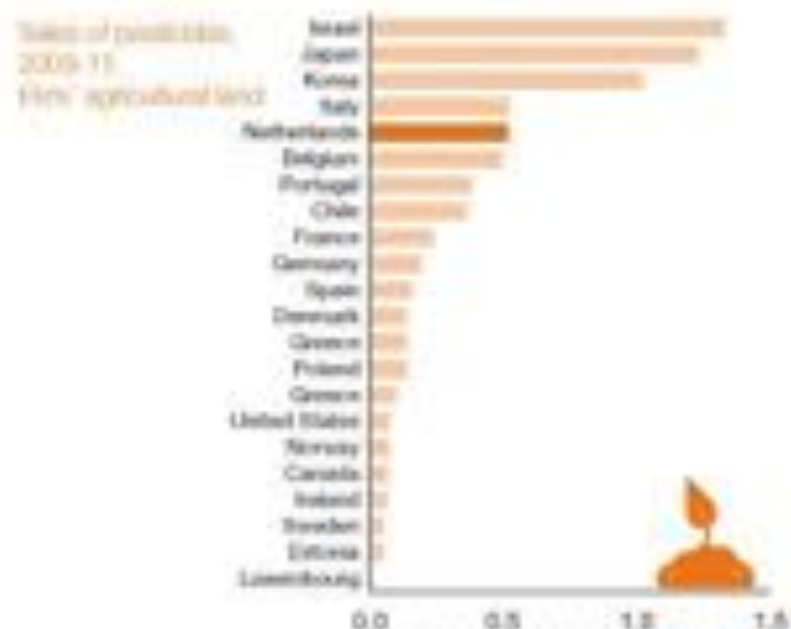
Direct costs of quality degradation of water resources
and the aquatic environment **caused by excess
nitrogen fertilizer and pesticides from agriculture.**

Cost estimates exclude damage to fishing, tourism, etc

'...Excess nitrogen fertilizer and pesticides in Netherlands ground water; Minister concerned...'



In the Netherlands, intensive farming consumes more **pesticides** and **fertilisers** than most other OECD countries



Source: FAO (2015), FACIST database. Data by Francesca Ameglio and Mark van den Bruck, The Nour Project.

Environmental performance reviews **Netherlands 2015** www.oecd.org/environment/country-reviews





Rijksinstituut voor Volksgezondheid
en Milieu
*Ministerie van Volksgezondheid,
Welzijn en Sport*

Voeding in plaats van medicijnen?

Jolanda Boer, RIVM



Medicijnen in het water

- Metformine (Bloedglucoseverlagend middel) **Diabetes (nr 2)**
- Metoprolol (Beta-blokker)
- Bezafibraat (Cholesterolverlager) } **Coronaire hartziekten (nr 5)**
- Diclofenac, Naproxen (Pijnstiller/ontstekingsremmer) **Artrose (nr 1), Reumatoïde artritis (16)**
- Fluoxetine (Antidepressivum) **Stemmingsstoornissen (nr 9)**
- Claritromycine, Sulfamethoxazol, Azitromycine (Antibiotica)
- Carbamazepine (Anti-epilepticum)

Doorgegeven door Marcel Clewits





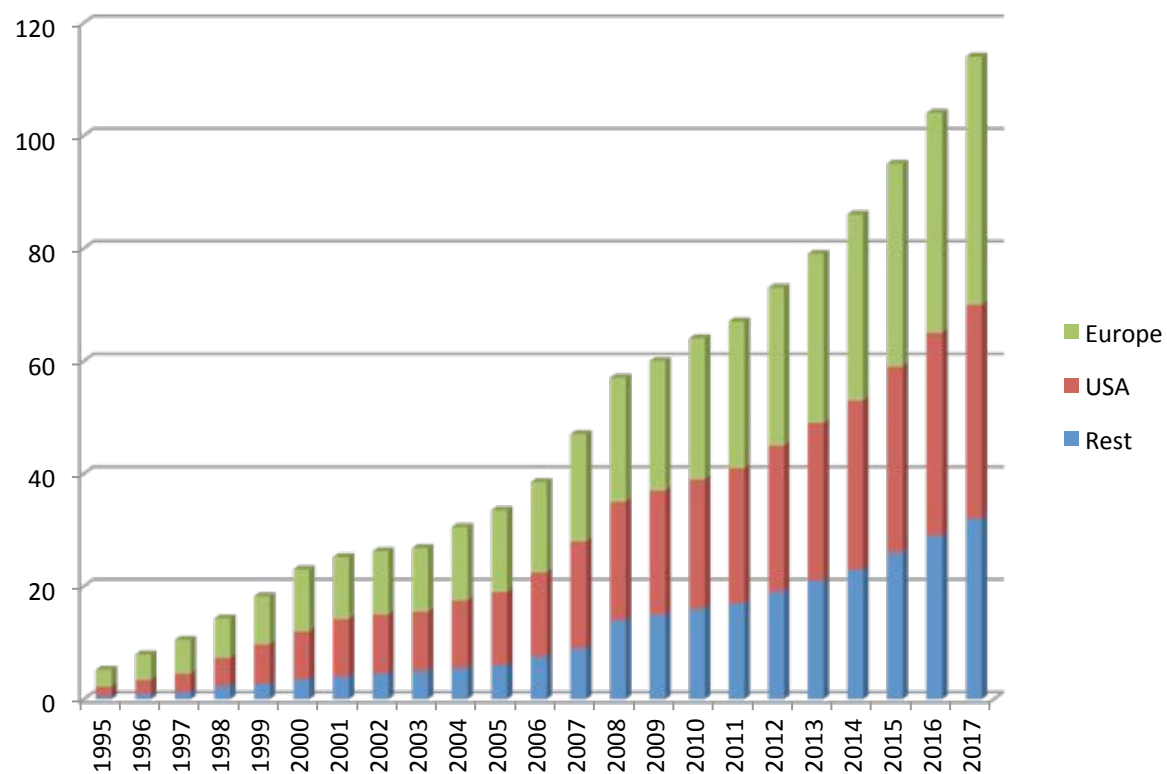
Key Consumer Interests Yesterday



Key Consumer Interests Today



Global Organic Market in US\$ billion



Source: IFOAM Market Data 2018



GROWERS

PRODUCTS

INITIATIVES

ABOUT US

OUR BLOG

ORGANIC & MORE

OVERVIEW

MAP

Hi, I'm Gonzalo and I grow organic

About my farm

VIDEO

Best Authentic Guacamole Re

all between 1500 and 2100 meters above sea level. It therefore comes as no surprise that people call this region the world capital of the avocado. Our farmers are really in love with their avocado's. We eat them all the time! Our farm is a real family business. My father started farming organically in 1994 and I joined him two years later. My wife Luisa, my three daughters and one son and their families are all involved with the company one way or another. Thanks to our organic approach, we live a wonderful life in the countryside, amidst an abundance of plant and animal diversity.

energy

air

water

soil

plants

animals

FREEDOM
JUSTICE
SOLIDARITY

where ecology meets economy

FOOD WITH A STORY
WWW.NATUREANDMORE.COM



GROWER PASSPORT



PASSED

GLOBAL G.A.P.
The Global Partnership for Good Agricultural Practices



>>> NATURE & MORE 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 <<<

FOOD WITH A STORY
WWW.NATUREANDMORE.COM



GROWER PASSPORT



NAME
GONZALO DE LA
VEGA

LOCATION



HEALTH

Organic agriculture generally results in lower overall energy use, because no pesticides or artificial fertilizers are used. This results in a low carbon footprint.

SOCIAL

In the organic orchards of Patagonian Fruit no pesticides are used, which means that there is a healthy ecosystem. A healthy soil and healthy environment produce healthy plants with more resilience. Patagonian Fruit has an action policy to stimulate plant biodiversity by protecting indigenous breeds of plants and animals, by using compost or livestock manure to increase the concentration of micro-organisms, and by introducing natural enemies of weeds and pests.

BIODIVERSITY

Magro Sanchez: "In the south of our valley lies the El Cuy department, where the Mapuche ethnic minority live in impoverished conditions in a harsh desert environment. We are supporting a group of 15 villagers with the help of a local priest, Father Javier Aguirre. In eight years we have conducted many projects such as planting trees, creating a library and providing heaters for the ice-cold desert nights. But perhaps our most important goal is to give the young people of El Cuy a good education, so that they will have a better future!" Nature & More is supporting Magro's project within the "I Care for the Future" campaign.



CLIMATE

The use of compost and much increased carbon sequestration in the soil mean Patagonian Fruit is an organic farm and does not use any energy-draining chemical fertilizers and pesticides. Their products have a relatively low carbon footprint. Furthermore, the fruits 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 compost Patagonian Fruit uses increases the water holding capacity of the soils and therefore reduces the water consumption of the plants. To irrigate the fields, drip irrigation is used, which is the best water-efficient system.

SOIL

To maintain soil fertility, particularly in arid areas like Patagonia, compost is the answer. The positive effects of composting are numerous. Soil water management is improved with better drainage and reduced erosion and runoff. As a result the soil is more resistant to drought or flooding. Biodiversity is greatly increased. Soil borne diseases are suppressed. More organic matter is stored in the soil, that compensates for greenhouse gas emissions. In short, good composting brings fertility to the whole system!

CLICK HERE TO GET THE FULL NATURE & MORE SUSTAINABILITY REPORT ON AVORGANICS!



>>> NATURE & MORE GROWER PASSPORT >>>

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



where ecology meets economy

FOOD WITH A STORY
WWW.NATUREANDMORE.COM

GRO

**ORGANIC TOO
EXPENSIVE...
OR CONVENTIONAL
TOO CHEAP?
CLICK HERE AND
DISCOVER THE TRUE
BENEFITS AND COSTS
OF GONZALO'S
ORGANIC
AVOCADOS!**

CLICK

THE
TRUE
COST
OF FOOD

nature &
more

LIVELIHOODS

Conventional cost: € 988
Organic benefit: € 1025
Organic benefit
for society: € 2029

HEALTH

Conventional cost: € 2,808
Organic benefit: € 498
Organic benefit
for society: € 3,248

CLIMATE

Conventional cost: € 3143
Organic benefit: € 1101
Organic benefit
for society: € 4,244

BIO- DIVERSITY

Conventional cost: € 2183
Organic benefit: € 254
Organic benefit
for society: € 2,417

SOIL

Conventional cost: € 1369
Organic benefit: € 254
Organic benefit
for society: € 1,417

WATER

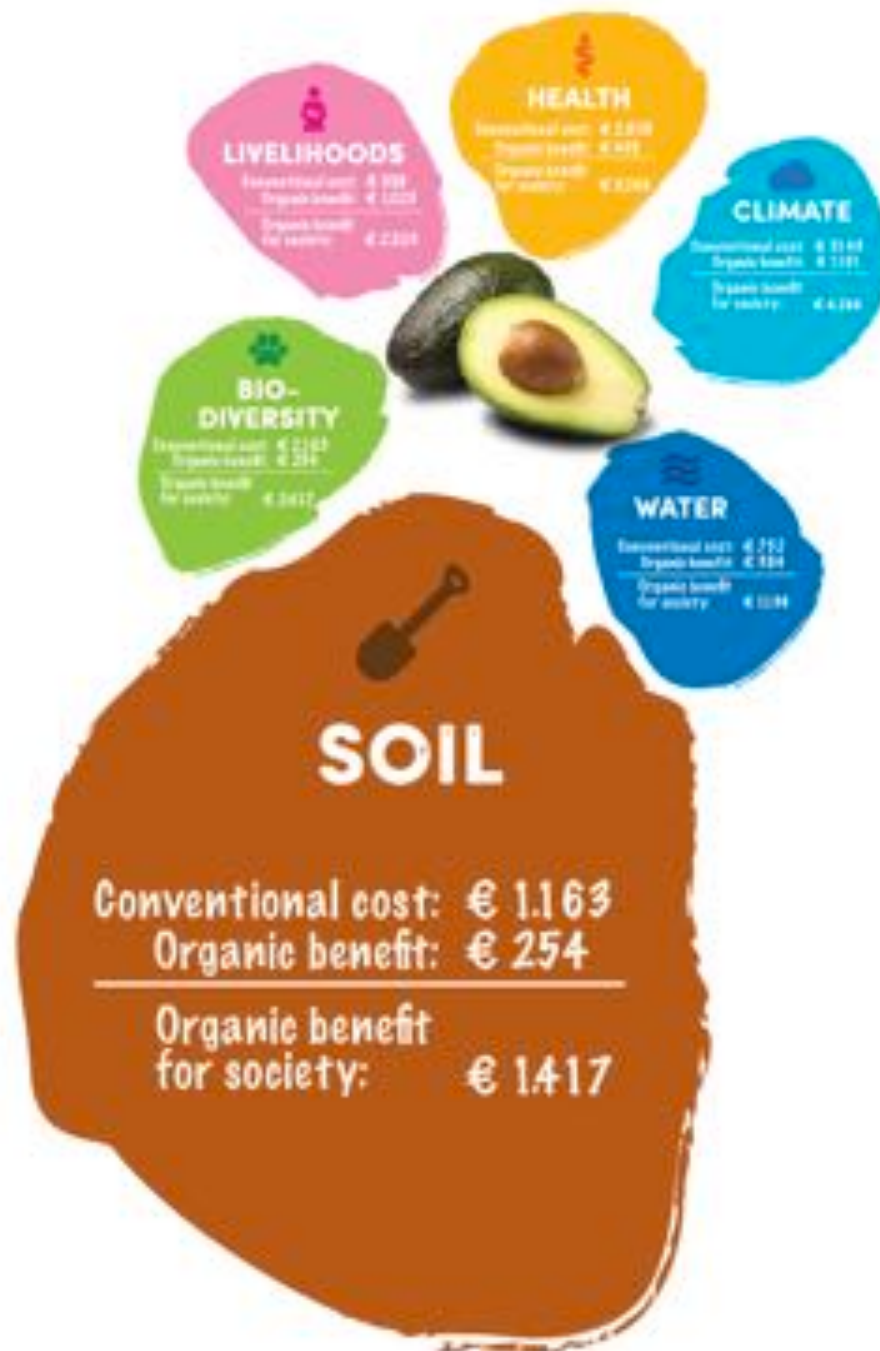
Conventional cost: € 752
Organic benefit: € 984
Organic benefit
for society: € 11,94

cost comparison per hectare / year
and according to FAO

>>> NATURE & MORE GROWER PASSPORT >>>

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

eosta
where ecology meets economy



Controlled Microbial 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 from 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 Soldier and win a prize

1. Become an urban farmer
2. Film it, Youtube it and make a buzz
3. Win a trip to Egypt and see how we green the desert.

www.saveoursoils.com





Desmond Tutu



Vandana Shiva



Jose Graziano da Silva FAO



Sarah Wiener



Klaus Töpfer



Chief Arvol Looking Horse



Julia Roberts



Dalai Lama



Renate Künast



The Prince of Wales

HEALTH



**BUY ORGANIC
AVOCADOS
AND SAVE 6 M³
OF FERTILE
SOIL.***

* PER 1000 SQM AND YEAR

**THE
TRUE
COST
OF FOOD**



Organic benefit: € 254

Organic benefit
for society: € 1417



LIVELIHOODS

HEALTH

Recommended diet: €3.800
Supermarket: €4.400
Organic: €4.400



**BUY ORGANIC
GRAPES
AND SAVE
25.200 LITRES*
OF WATER.**

* PER 100 SQM AND YEAR

THE
TRUE
COST
OF FOOD



for society.





**BUY ORGANIC
PINEAPPLES
AND SAVE
400 LITRES* OF
GREENHOUSE
GASSES.**

* PER HECTARE AND YEAR

**THE
TRUE
COST
OF FOOD**





HEALTH

Conventional cost: € 2.808

Organic benefit: € 438

Organic benefit
for society: € 3.246



LIVELIHOODS

Conventional cost: € 308
Organic benefit: € 1048

Organic benefit
for society: € 2.204

CLIMATE

Conventional cost: € 1148
Organic benefit: € 1191

Organic benefit
for society: € 4.246

BIO-DIVERSITY

Conventional cost: € 1194
Organic benefit: € 204

Organic benefit
for society: € 1.412

SOIL

Conventional cost: € 1184
Organic benefit: € 214

Organic benefit
for society: € 1.412

WATER

Conventional cost: € 212
Organic benefit: € 314

Organic benefit
for society: € 1194






**WAS UNSER
ESSEN
WIRKLICH
KOSTET**




**KAUFE BIOLOGISCHE
ÄPFEL UND
SPARE DIR 27
KRANKHEITSTAGE.***

* PRO HEKTAR UND JAHR

Bioerntezeit: € 1188
 Bioerntezeit: € 234
 Bioerntezeit
 für 2017: € 1417

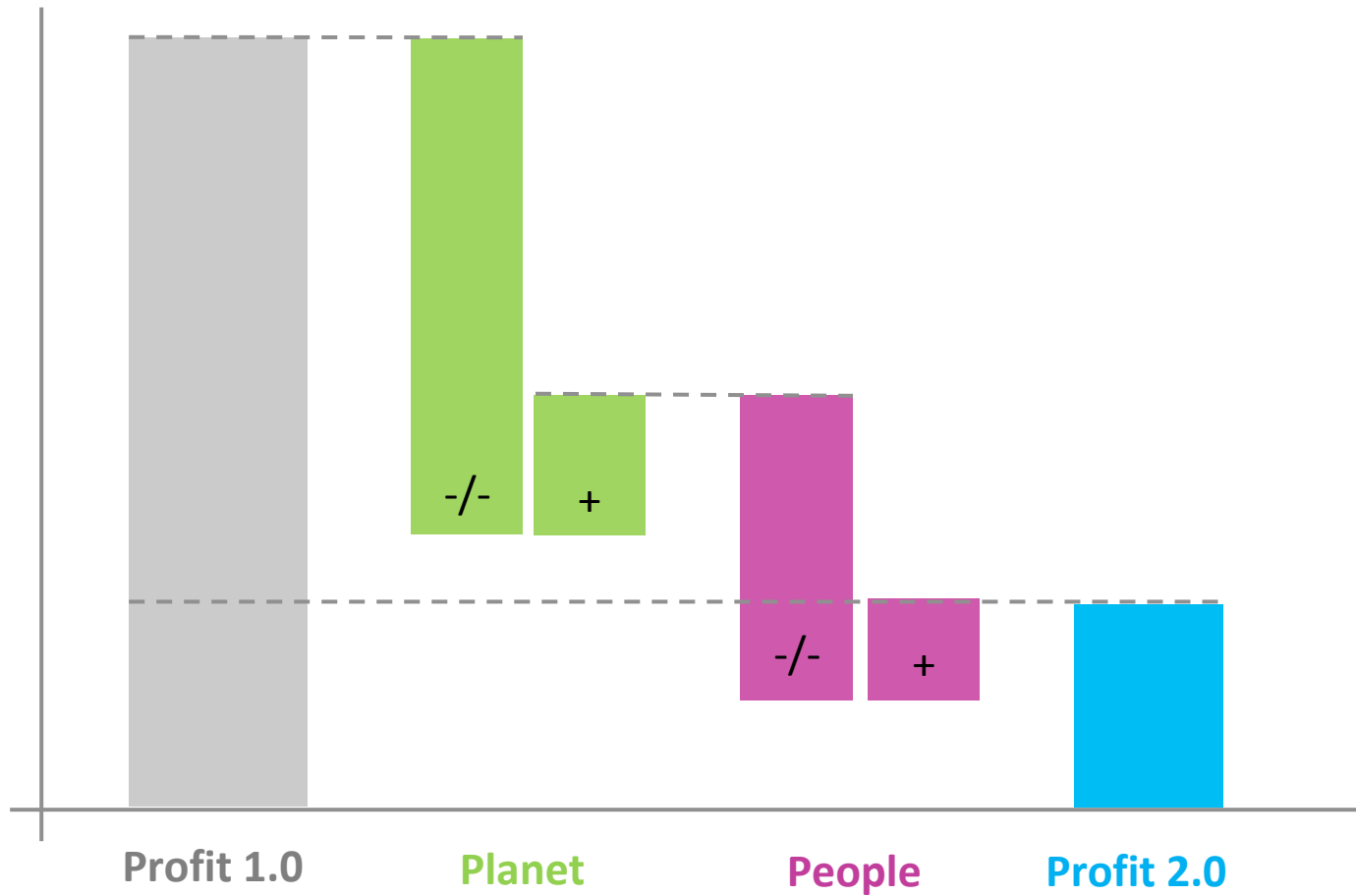
Bioerntezeit
 für 2017: € 1194







Re-defining Profit



True Cost Accounting Pilot for Food, Farming, Finance



Triodos Bank

TEEB
AgriFood



Ministerie van Landbouw, Natuur en
Voedselkwaliteit



World Health
Organization



SUSTAINABLE STRATEGIES FOR FARMING | FOOD | FINANCE



NATURAL
CAPITAL
COALITION



World Business Council
for Sustainable Development

