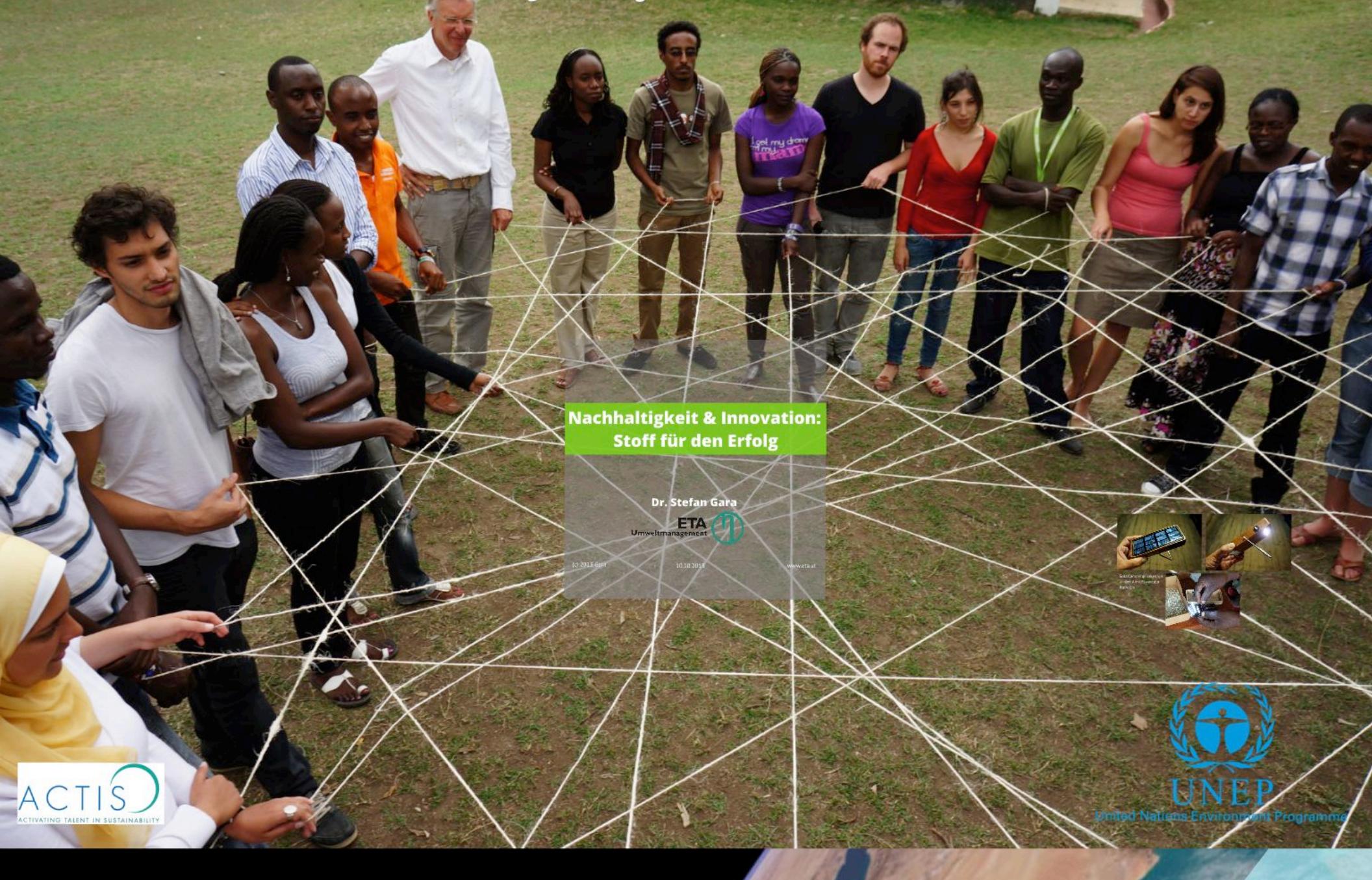


Nachhaltigkeit & Innovation: Stoff für den Erfolg

Dr. Stefan Gara



Youth Encounter on Sustainability - Kenya 2012





Solarlampenproduktion
in den Armutsvierteln
Nairobis



Aus meinem Tagebuch ...



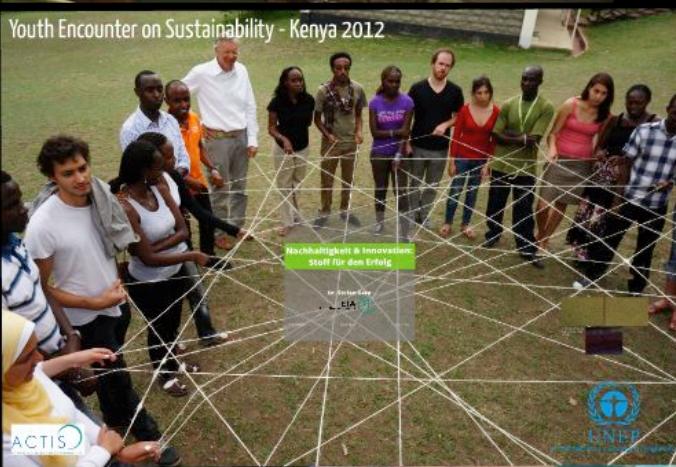
Ethiopian Tannery, Äthiopien



Hyper Cycle Systems Corporation, Japan



Youth Encounter on Sustainability - Kenya 2012



Training & Projekte mit Studenten weltweit

Ist Nachhaltigkeit nur eine Modeerscheinung?

... das wäre eine fatale Fehleinschätzung!

Auf jedes Kilo Plankton kommen sechs Kilo Plastikmüll. Bis zur Zersetzung in zirka 500 Jahren werden Meerestiere diese Partikel schlucken und daran verenden.

Die Moralisierung der Nächte ist das gesellschaftliche, die Paradoxie der Knappheit des wirtschaftswissenschaftlichen Phänomens.

http://www.knabben.de/paper/pdf_tv_M1034_01_07_12_themenklausur.pdf

http://www.huffingtonpost.com/2013/08/10/trash-waves-indonesia_n_3736913.html

"Trash waves" in Indonesien © ZAK NOYLE/A-FRAME

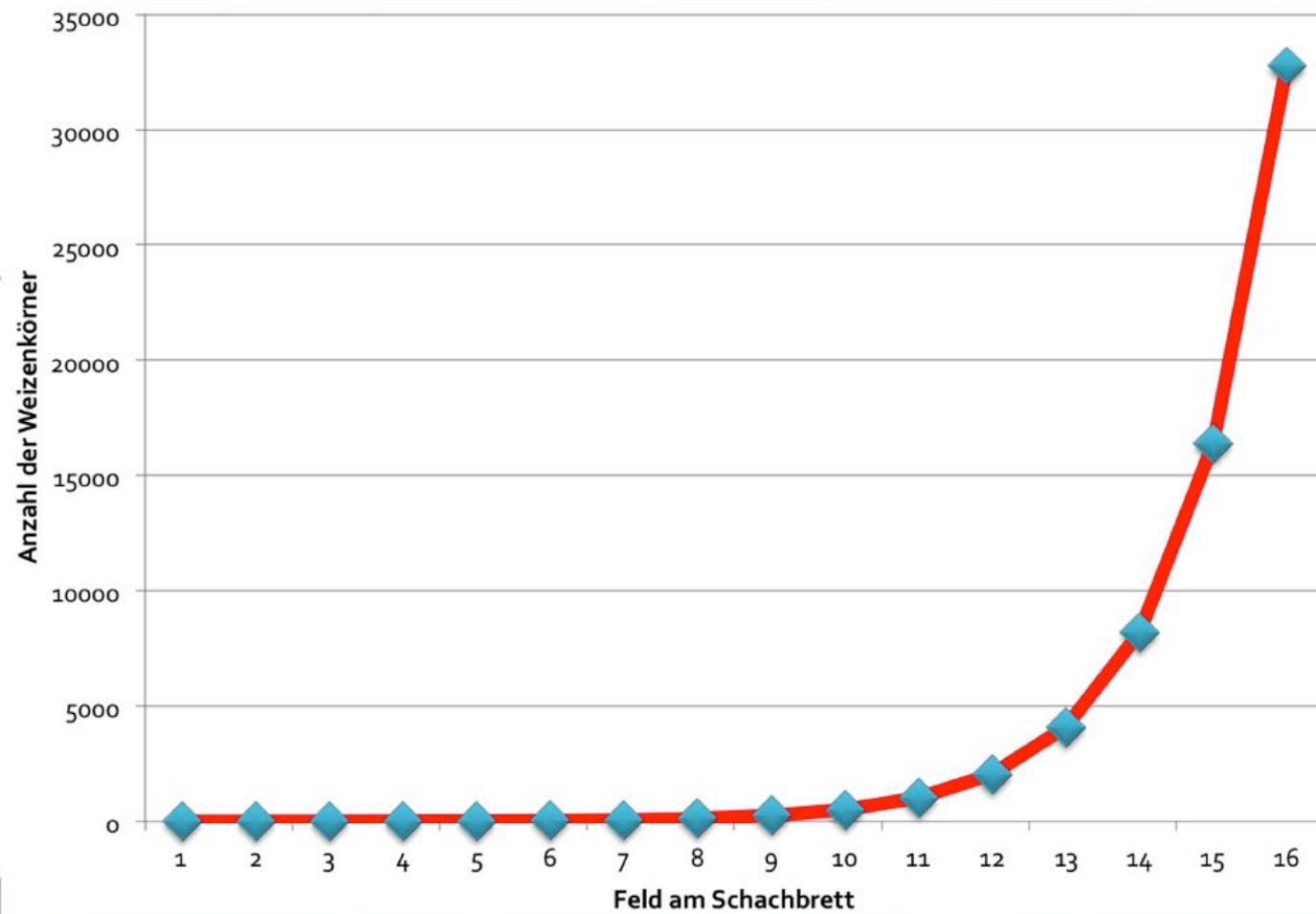




Sissa ibn Dahir



http://commons.wikimedia.org/wiki/File:Lahur_Sessa_by_Thiago_Cruz.jpg



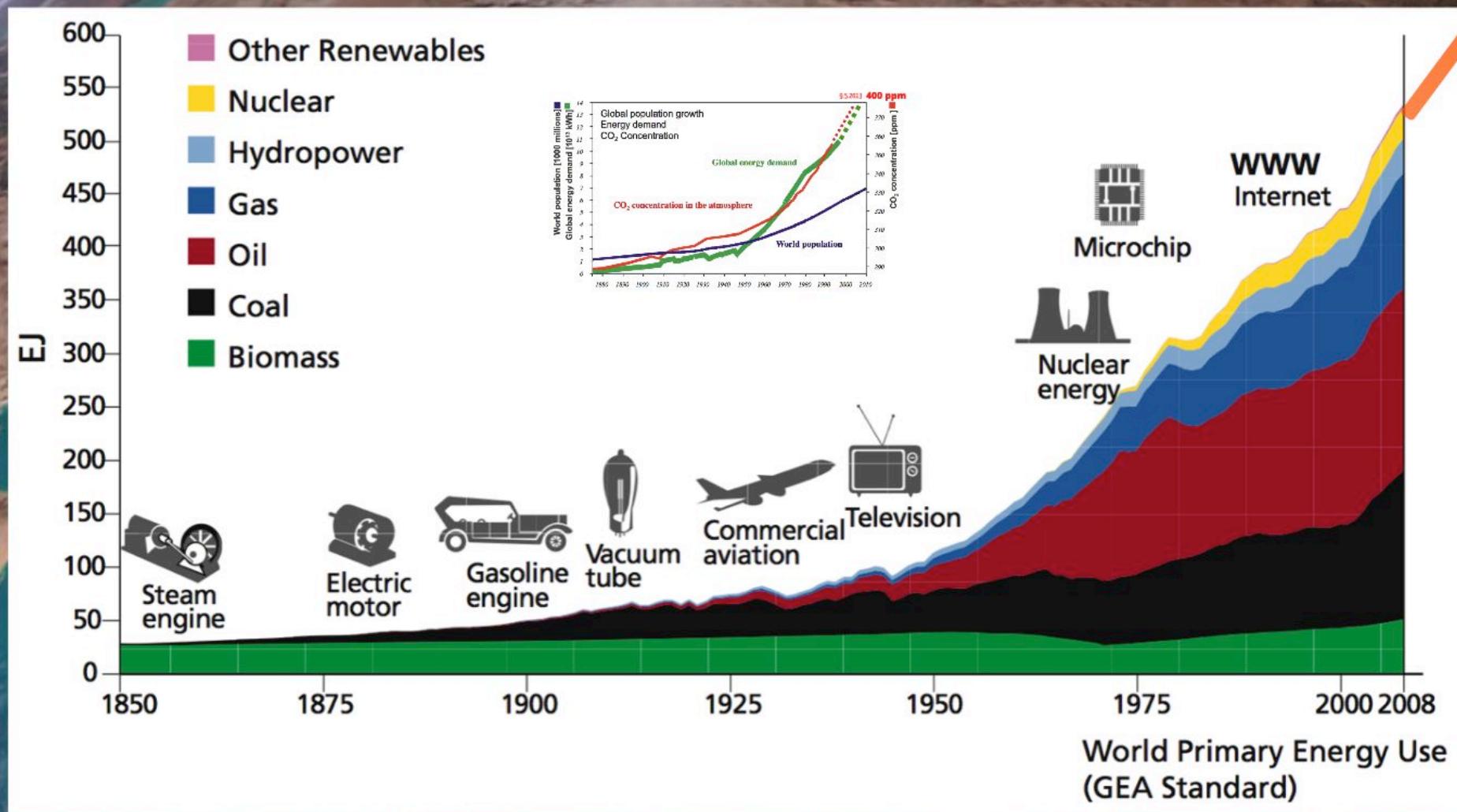


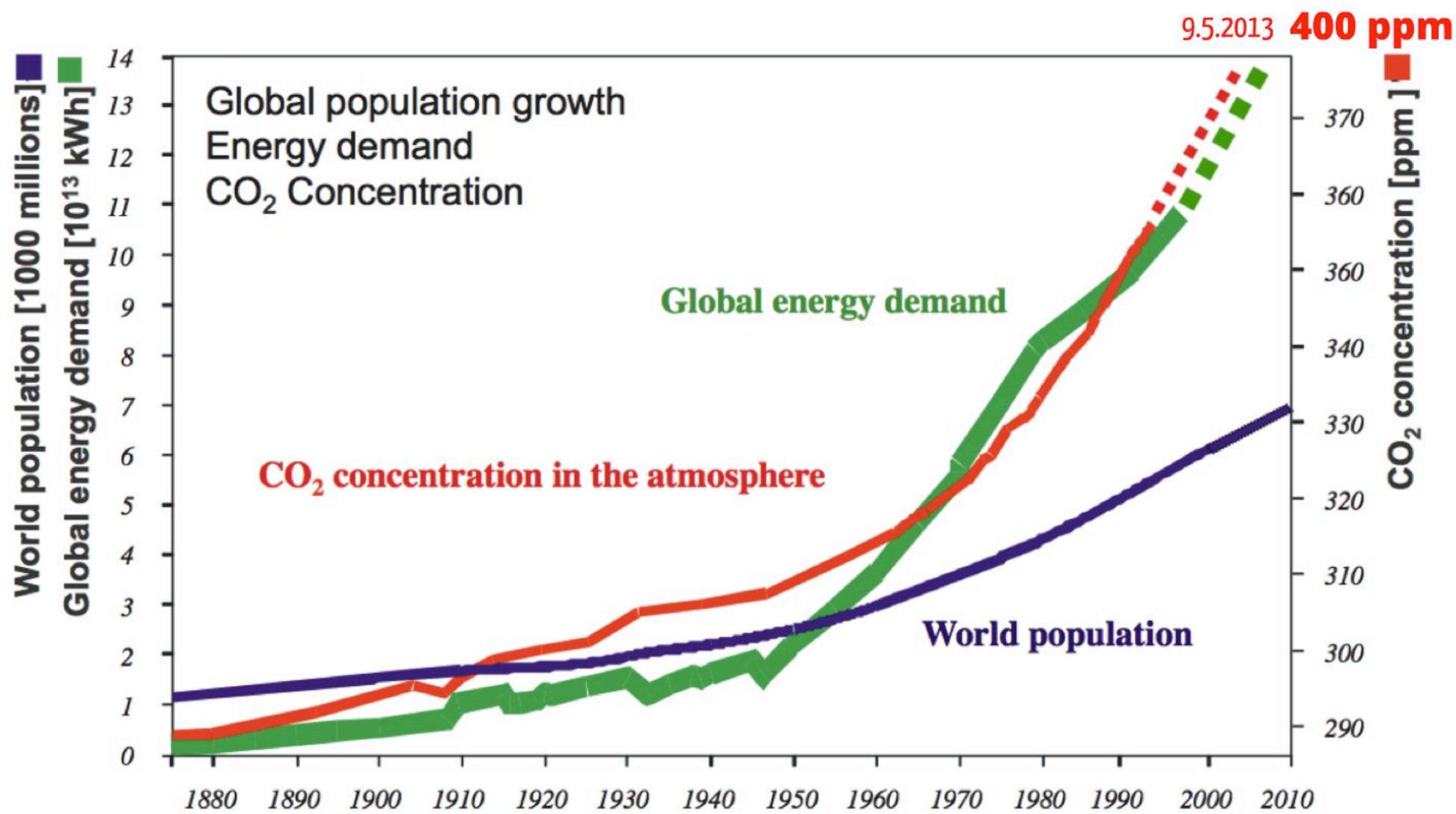
Exponentielles Wachstum



Menge entspricht ca. 1.500 x der jährlichen weltweiten Weizenernte (922 Mrd t)

Verdoppelung bis 2050







1.10.2013, Champions League. 20:50 Uhr. Basel, St.-Jakob-Park.

http://de.eurosport.yahoo.com/blogs/abgeblogged/peinliche_angst_wahrheit_091819022_spt.html



Steigendes Risiko ... ökologisch UND ökonomisch

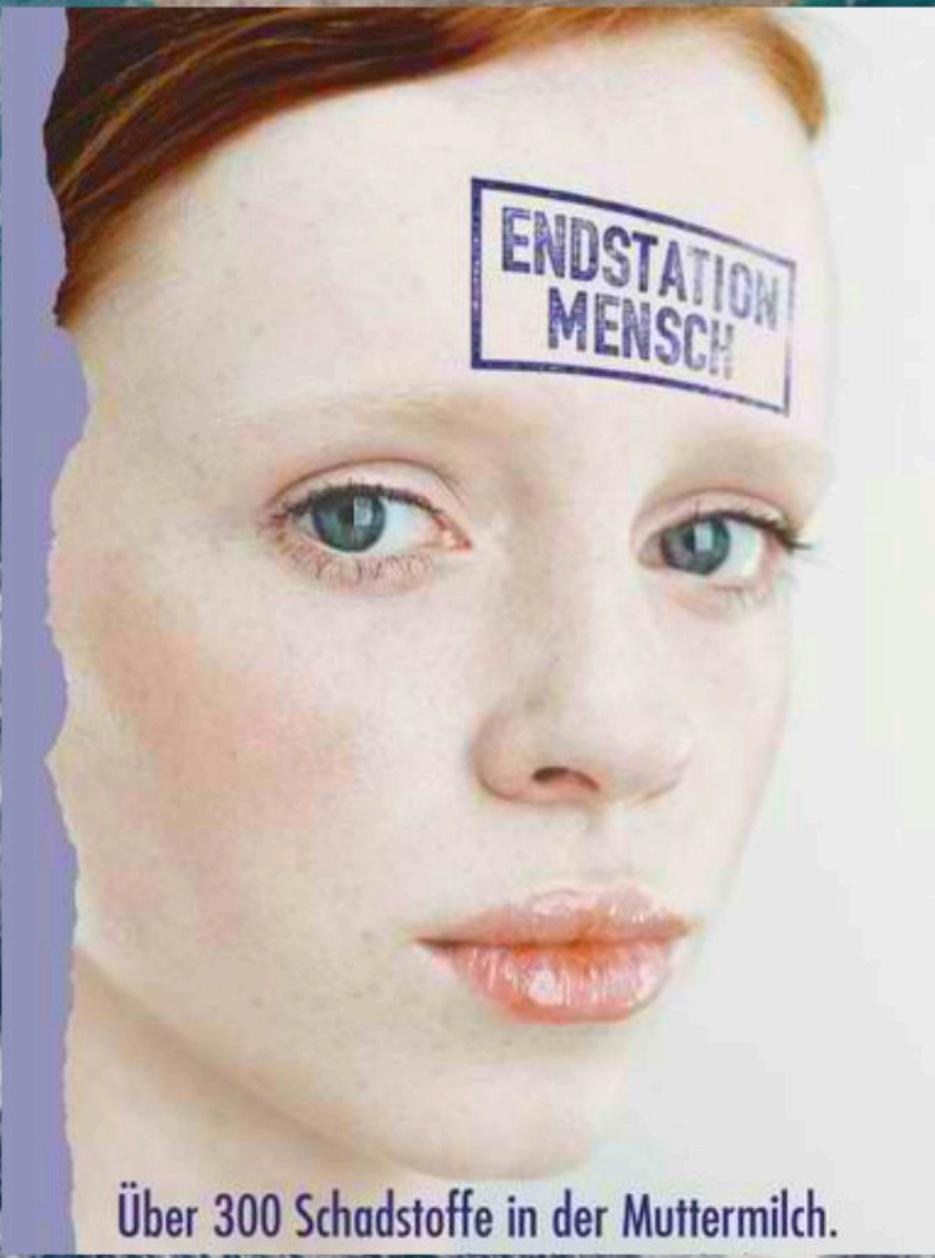
Wieviel Kohlenstoff darf noch verbrannt werden
um **2°C** Erderwärmung nicht zu überschreiten?

... nur **20%** der Reserven dürften verbrannt werden!

Unburnable Carbon 2013: Wasted capital and stranded assets



Die nächste Investmentblase ... des fossilen Zeitalters



Über 300 Schadstoffe in der Muttermilch.

AUGUST 19, 2013

Zakaria: The new
al-Qaeda threat / Ted Cruz / Foroohar:
Summers for Fed chief / Low Rolling in Vegas

TIME

A WORLD WITHOUT **BEES**

THE PRICE WE'LL
PAY IF WE DON'T
FIGURE OUT
WHAT'S KILLING
THE HONEYBEE

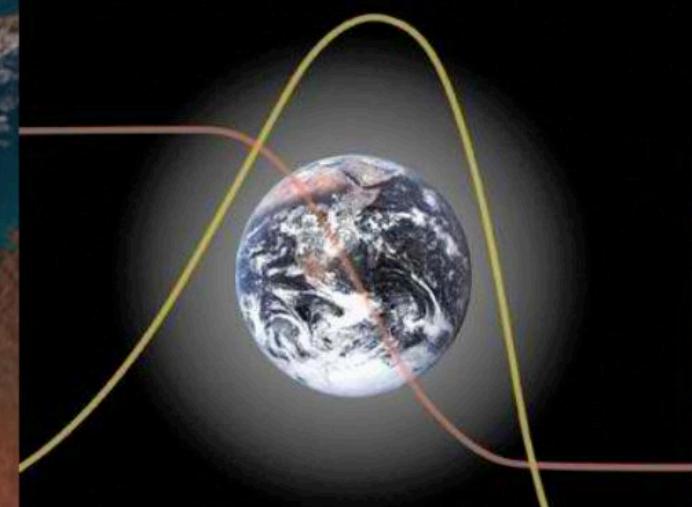
BY BRYAN WALSH



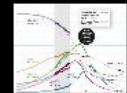
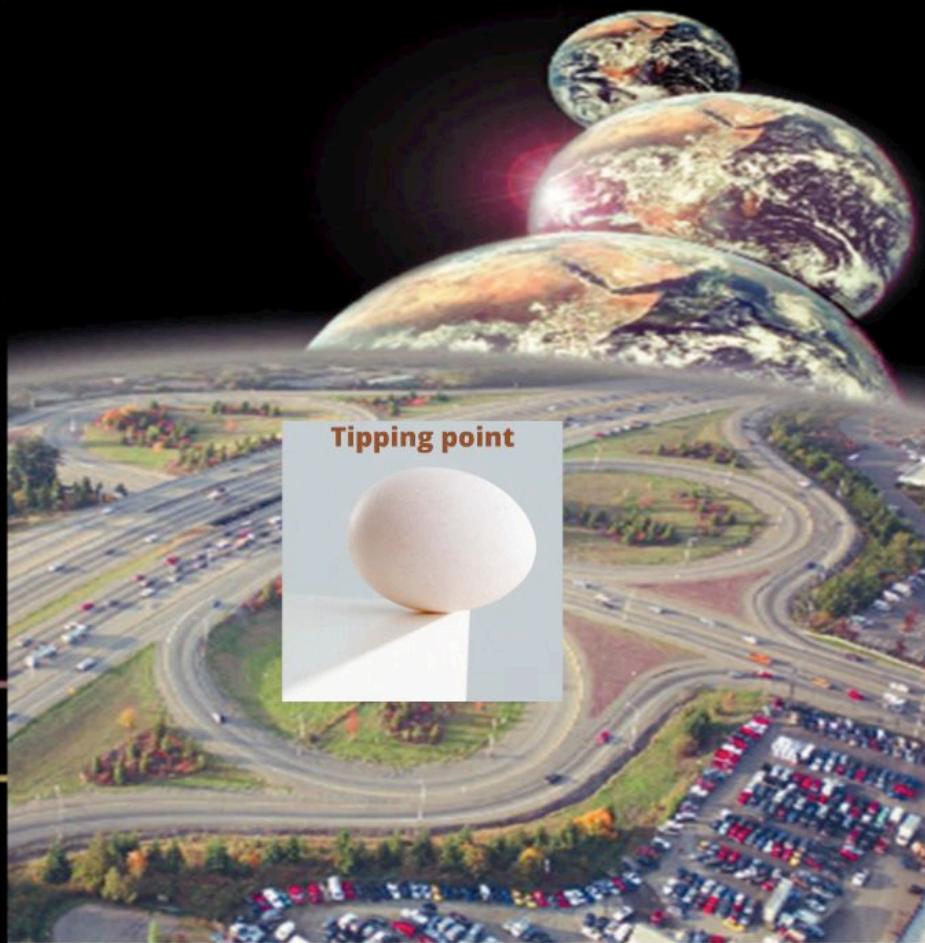
time.com

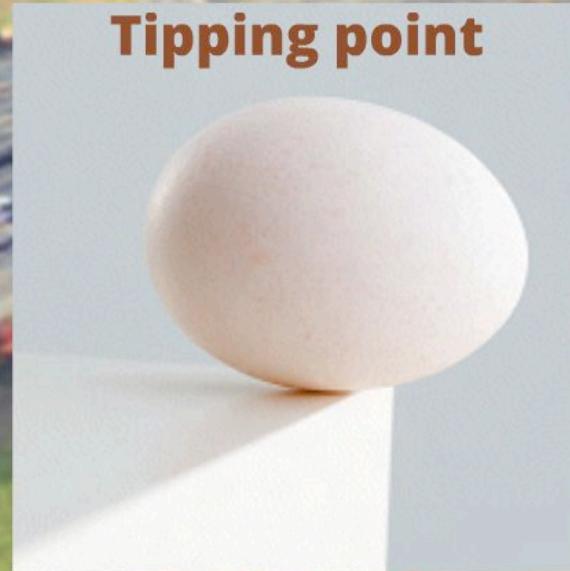


LIMITS TO GROWTH



DONELLA MEADOWS | JORGEN RANDERS | DENNIS MEADOWS

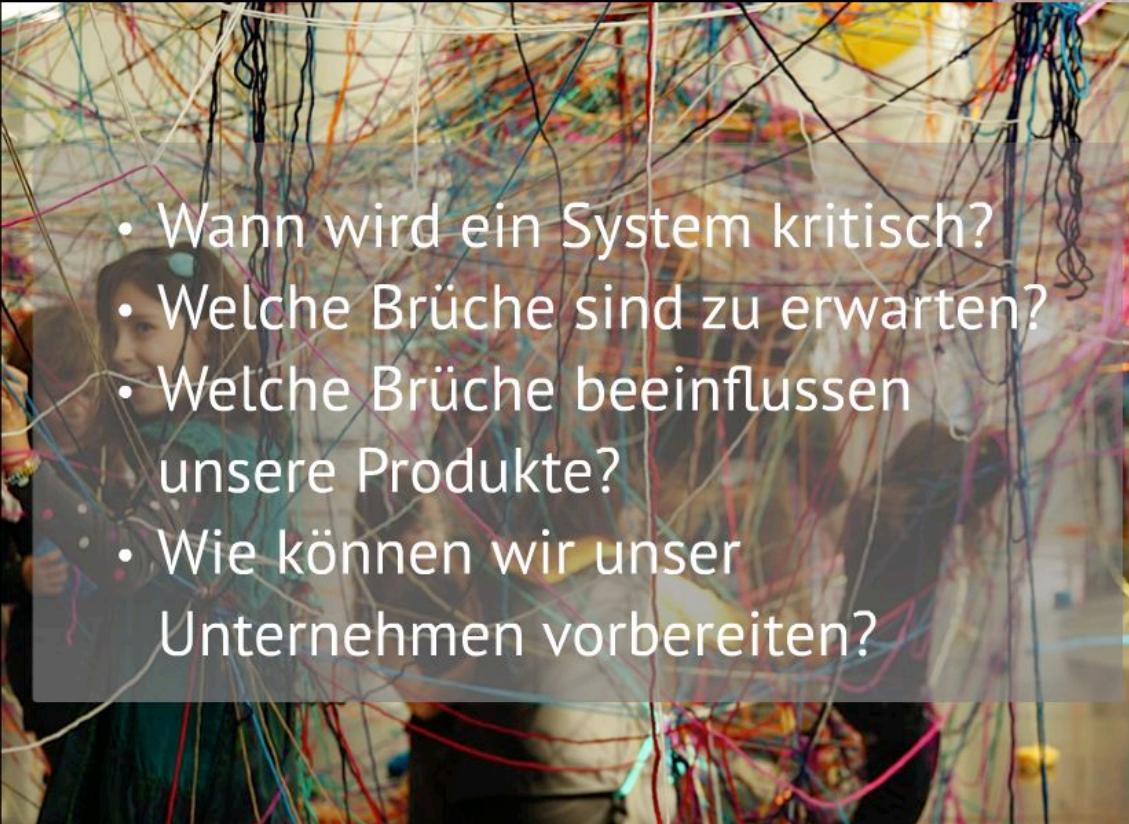




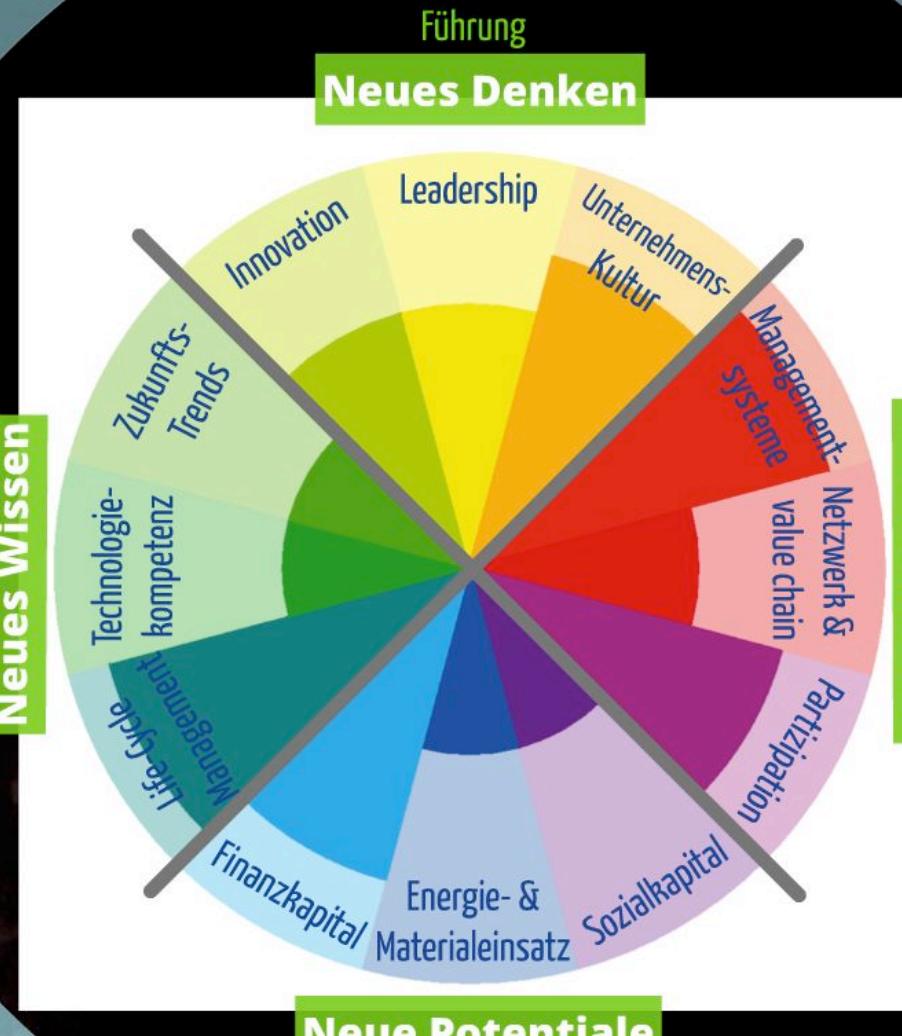
Tipping point

Zukunfts-fähigkeit

- Wann wird ein System kritisch?
- Welche Brüche sind zu erwarten?
- Welche Brüche beeinflussen unsere Produkte?
- Wie können wir unser Unternehmen vorbereiten?

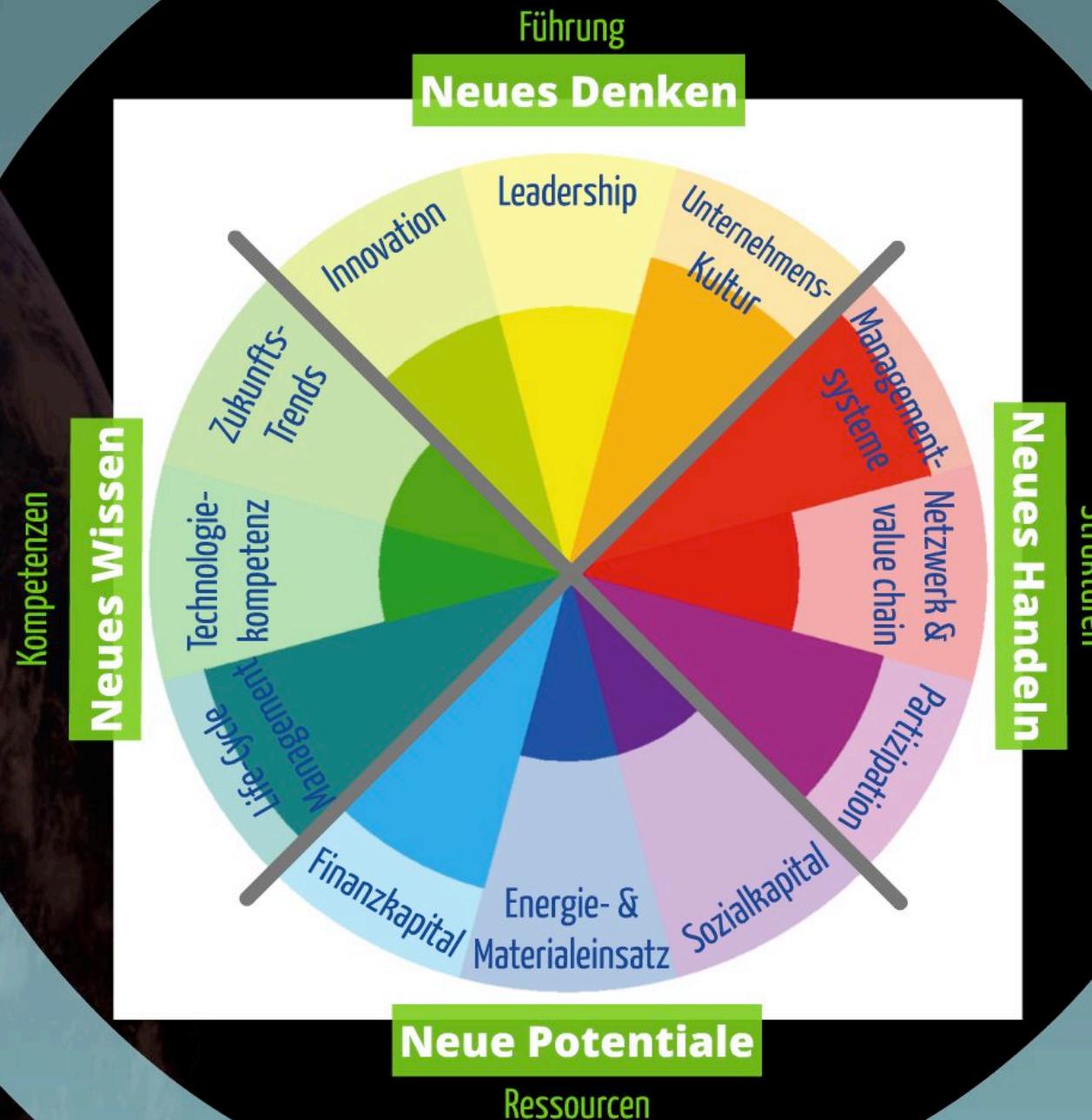


Sustainability Business Navigator



(c) Elle, Gara, Wimmer

Sustainability Business Navigator



Führung

Neues Denken





Es geht nicht nur um
Zahlen, Fakten und
Labels, die Kunden
müssen die
Leidenschaft &
Humor spüren!

Leadership und gelebte Partizipation

"Bean-to-bar"

Direkte Kooperation mit Kakaobohnen
Produzenten in Lateinamerika



Verantwortung in der Wertschöpfungskette

patagonia

ONLINE-SHOP ÜBER PATAGONIA + Warenkorb

Umweltschutz / The Footprint Chronicles: Unsere Lieferkette

the footprint CHRONICLES

Die Footprint Chronicles® nehmen Patagonias Geschäftspraktiken unter die Lupe – mit dem Ziel, unsere Lieferkette offenzulegen und so unsere negativen sozialen und ökologischen Auswirkungen, und die der gesamten Branche, zu verringern. Wir sind lange genug im Geschäft, um zu wissen: Wenn es uns gelingt, eine Belastung zu minimieren, dann werden andere Unternehmen dem Beispiel folgen.

Zur Karte mit unseren Zulieferern

Neuigkeiten | Hintergrundinformationen

the footprint CHRONICLES CHOOSE A PRODUCT DIGGING DEEPER JOIN THE DISCUSSION

Down Sweater View Details Men's | Women's

The Good
We use high-quality goose down, an exceptionally efficient insulator. The down comes from humanely raised geese and is minimally processed. The light shell is made of recycled polyester.

The Bad
We had to increase the weight of the shell fabric when we switched to recycled polyester. The zipper is treated with a DWR that contains perfluorooctanoic acid (PFOA), a synthetic chemical that is now persistent in the environment, and the product is not yet recyclable.

What We Think
We're investigating alternatives to the use of PFOA in water repellents – and looking for ways to recycle down garments.

Call us Monday to Friday +33 (0) 450 88 44 44 | © 2009 Patagonia, Inc.

Verantwortungsvolle Wirtschaft

Kann Patagonia in einer verantwortungsvollen Wirtschaft überleben?

SEE THAT THING → WANT THAT THING → NEED THAT THING → GET THAT THING
↑
FORGET THAT THING

AD WEEK Try New in Grey

Ad of the Day: Patagonia The brand declares

ONLINE-SHOP ÜBER PATAGONIA + Warenkorb Mein Konto | Neu

Umweltschutz / The Footprint Chronicles: Unsere Lieferkette

YY1(YUE YUEN INDUSTRIAL CO., LTD.) Schuhfabrik Patagonia-Zulieferer seit 2006



roll over the boxes to view product stories

Down Sweater

[View Details](#) [Men's](#) | [Women's](#)



The Good

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Call us Monday to Friday +33 (0) 450 88 44 44 | © 2009 Patagonia, Inc

patagonia®

patagonia®

ONLINE-SHOP

ÜBER PATAGONIA

+  Warenkorb

Mein Konto | Neu h

The screenshot shows the respect-code.org platform interface. At the top, there's a search bar with 'FXS93' and a yellow cartoon character. Below it, a product card for 'FXS93 / Switcher 2657 BAO' is displayed, featuring an orange t-shirt image and various certification logos: GOTS BIO, REACH CONFORM, Oeko Tex H2O, FAIR WEAR, and CO2 2,8 kg. A sidebar lists the production steps:

- 1 Baumwolle SUMINTER INDIA ORGANIC
- 2 Spinnerei ALOK INDUSTRIES
- 3 Wirken-Weben ALOK INDUSTRIES
- 4 Färberei ALOK INDUSTRIES
- 5 Konfektion PREMDURAI EXPORTS - UNIT 2

Below the sidebar is a world map showing the production route from India through various countries like Pakistan, Iran, and Thailand, ending in China. The map includes labels for continents and oceans.



Faire Produktion
Transparenz
Rückverfolgbarkeit



Faire Produktion

Wir unterschätzen die gesellschaftliche Dynamik

"Transparency of the crowd"

Dirty Laundry

Unravelling the corporate connections to toxic water pollution in China

Die Umweltverschmutzung
in China hat den tipping
point erreicht.

The hidden price tag

GREENPEACE

Toxic Threads: The Big Fashion Stitch-Up

How big brands are
making consumers
unwitting accomplices
in the toxic water cycle



2012



Kunstintervention, Madrid



"Fashion Victims" Installation Brings Bangladesh Textile Factory Accidents to the First World



<http://dashburst.com/bangladesh-textile-factory-art-madrid/>

The Footprint Chronicles® nehmen Patagonias Geschäftspraktiken unter die Lupe – mit dem Ziel, unsere Lieferkette offenzulegen und so unsere negativen sozialen und ökologischen Auswirkungen, und die der gesamten Branche, zu verringern. Wir sind lange genug im Geschäft, um zu wissen: Wenn es uns gelingt, eine Belastung zu minimieren, dann werden andere Unternehmen dem Beispiel folgen.

Zur Karte mit unseren Zulieferern

Neuigkeiten | Hintergrundinformationen

Cell us Monday to Friday +33 (0) 46

The Good
We use high-quality g...
exceptionally efficient...
down comes from hu...
geese and is minimal...
light shell is made of

Verantwortungsvolle Wirtschaft

Kann Patagonia in einer verantwortungsvollen Wirtschaft überleben?

ADWEEK Ad of the Day: Patagonia The brand declares war on consumerism gone berserk, and admits its own environmental failings By Tim Nudd

DON'T BUY THIS JACKET

<http://www.adweek.com/eu/deAT/patagonia.go?assetid=88405>

```

    graph TD
      A[SEE THAT THING] --> B[WANT THAT THING]
      B --> C[NEED THAT THING]
      C --> D[GET THAT THING]
      D --> E[USE THAT THING]
      E --> F[TIRE OF THAT THING]
      F --> G[DISCARD THAT THING]
      G --> H[FORGET THAT THING]
      H --> A
  
```

patagonia

patagonia

ONLINE-SHOP

Umweltschutz / The Footprint Ch

Google

Kann Patagonia in einer verantwortungsvollen Wirtschaft überleben?

ADWEEK HOT LIST
THE PRESS TELEVISION TECHNOLOGY ADVERTISING & BRANDING ADFREAK VIDEO SUBSCRIBE

Vote Here! Hot List Poll
Pick your favorite shows, mags & more. Presented by Microsoft

Fries King?
Burger King's name change campaign is making the masses confused—and starving!

Try Not to Cry
GoPro's fireman-saving-cat tearjerker rules YouTube

Headlines: Press: Domino Relaunches With E-Commerce... TV: Modern Family on USA Rates Above... Tech: Coming Soon: Ads on Instagram Ads & Brands: Will Advertising Take a Hit Fr...

Ad of the Day: Patagonia

The brand declares war on consumerism gone berserk, and admits its own environmental failings

By Tim Nudd

November 28, 2011, 1:13 PM EST | Advertising & Branding

DON'T BUY THIS JACKET

THIS SEASON, SHARE SOME VALUES
Learn more about our Common Threads Initiative,
and take the pledge to reduce consumption

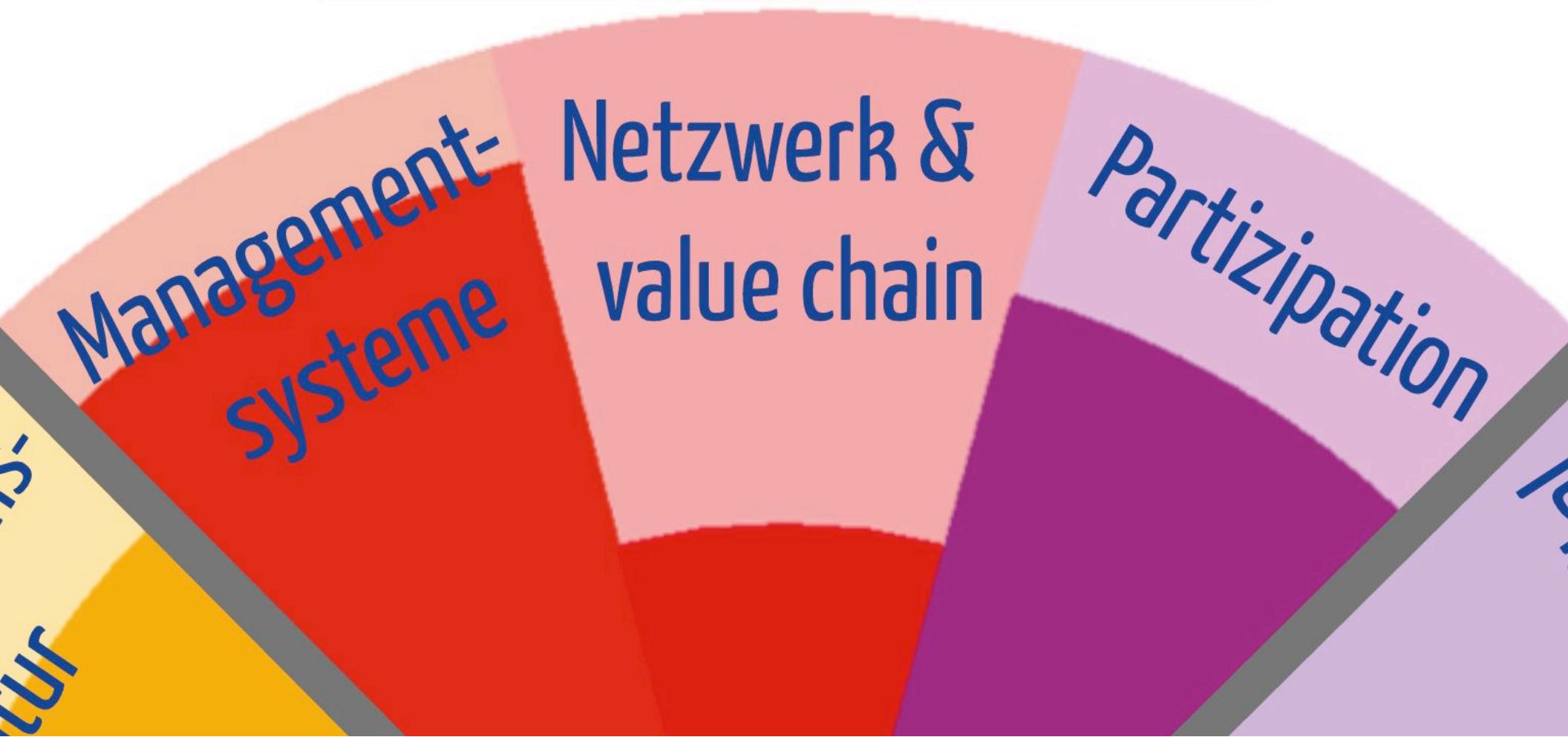
TAKE THE PLEDGE

<http://www.adweek.com/news/advertising-branding/ad-day-patagonia-136745>

<http://www.patagonia.com/eu/deAT/patagonia.go?assetid=88405>

Strukturen

Neues Handeln



DAS OFFENE BUCH

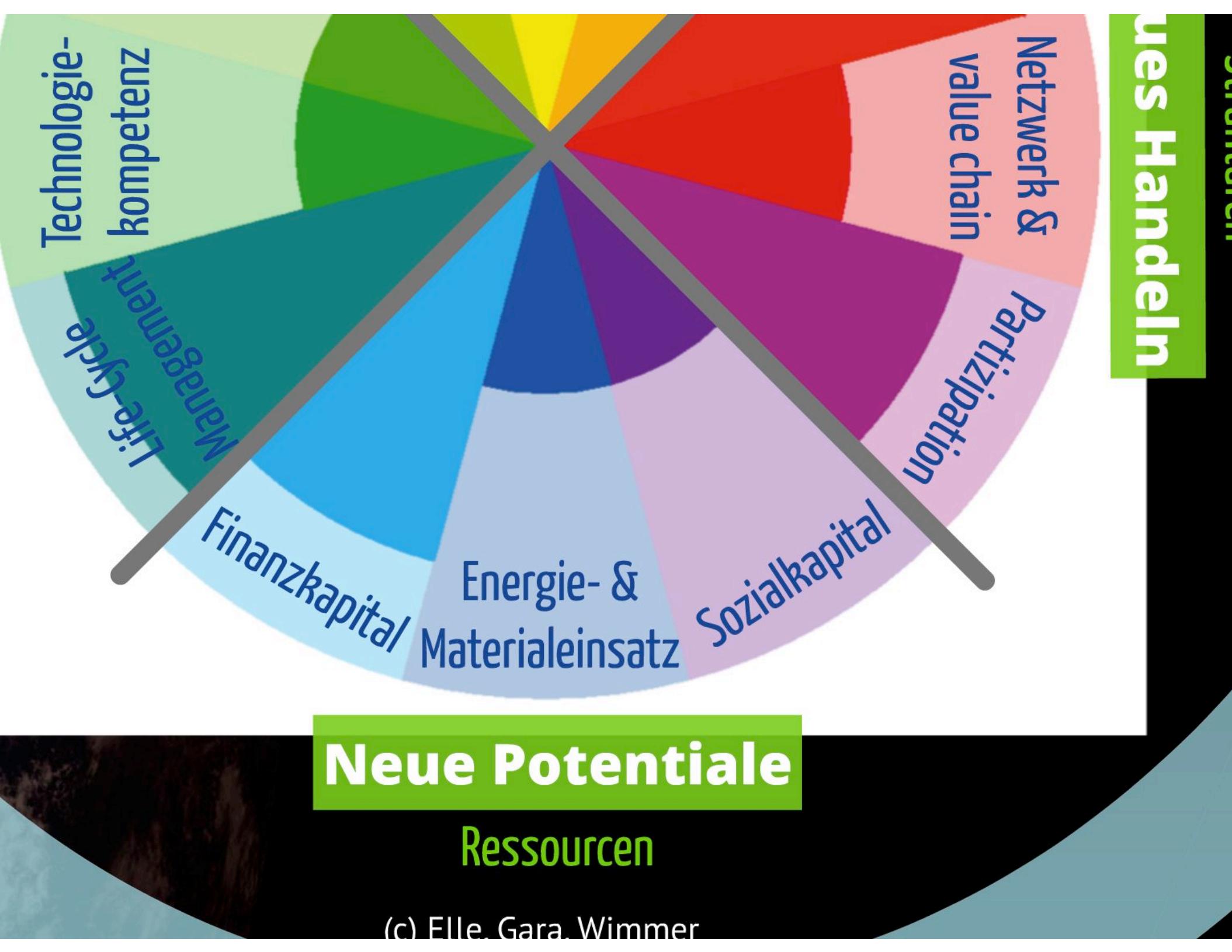


seit 1995 gelebtes Umweltmanagement

UMWELT- UND
NACHHALTIGKEITS-
BERICHT 2010

Murauer
BIER

neues Handeln



Neue Potentiale

Ressourcen

Schuster bleib **nicht** bei deinen Leisten



"Crowd funding" als Gemeinschaftsmodell



Zukunfts- Trends

ssen

Technologie-
kompetenz

Innovation

OCTOBER 30, 2009: EUROPEAN LEADERS ENDORSE THE
OBJECTIVE OF AN 80% - 95% REDUCTIONS IN CO₂
EMISSION BY 2050.

80%-95% Less CO₂

EU Roadmaps 2050

Reduktionsziele 2050

80 - 95% CO₂

50 - 70 % Energie





**Radikale Transformation
unseres Wirtschaftsstils**

"Neue industrielle Revolution"

Re-Lokalisierung

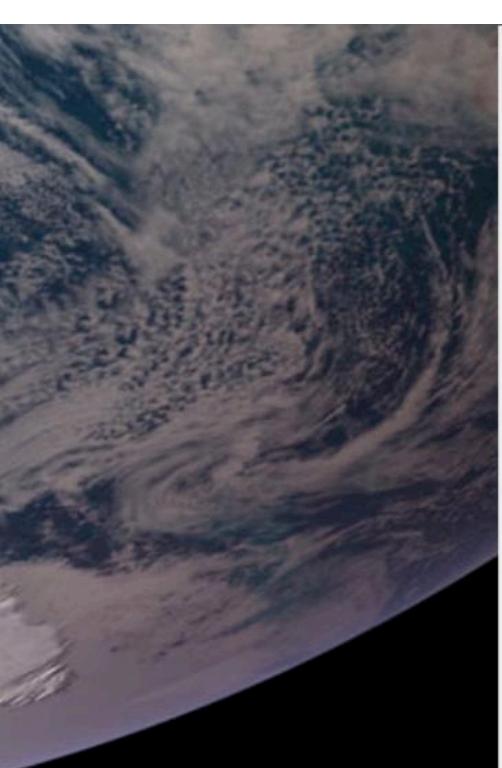
- > Vernetzte kleinräumige Strukturen als „Kernzellen“

Re-Dimensionierung

- > Neue Skalen für „Wachstum“

Re-Individualisierung

- > Prosumer
- > Kostenvorteile durch Massenproduktion nehmen stark ab



MADE 4 YOU

Herausgeber / Editors
Christoph Thun-Hohenstein
Hartmut Esslinger
Thomas Geisler



Design für den Wandel /

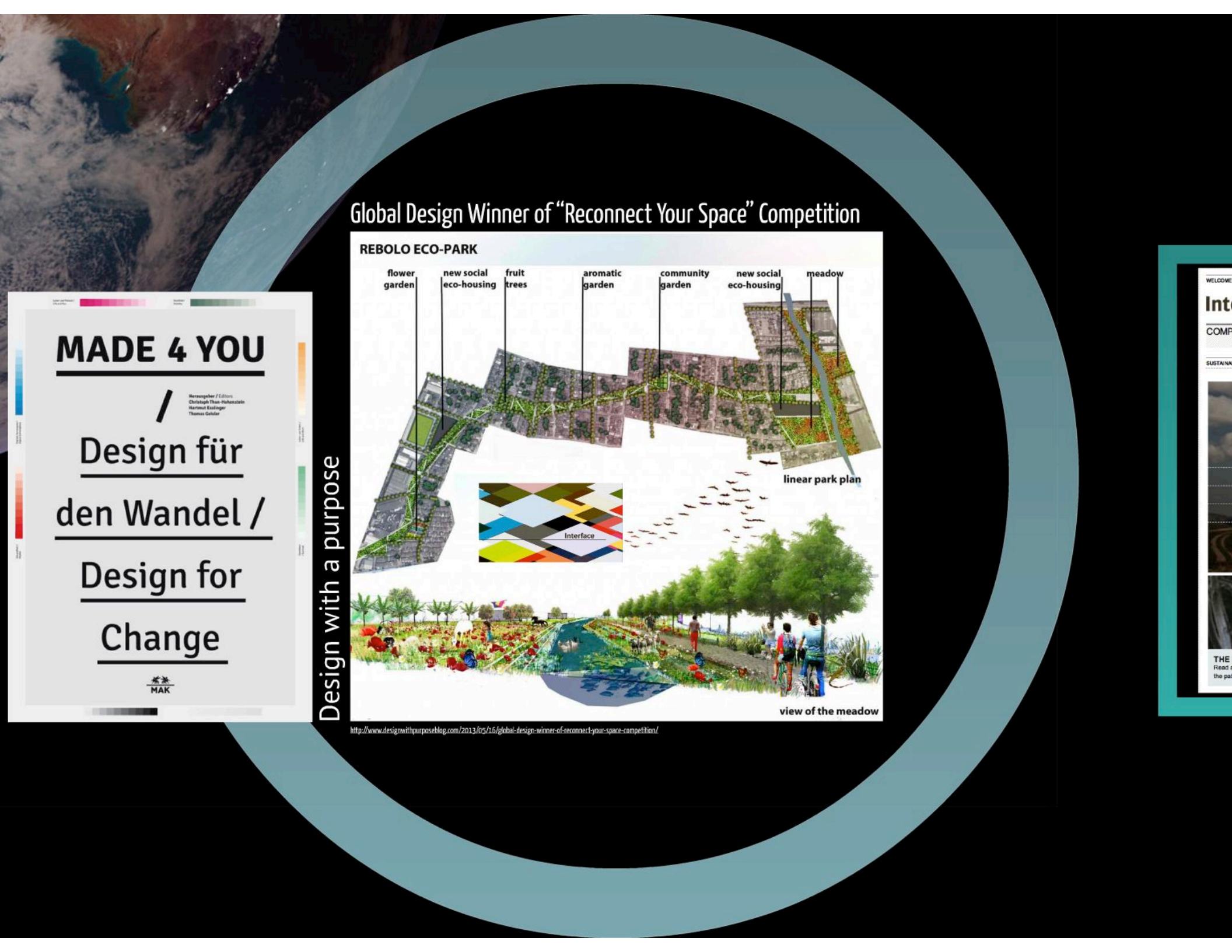


Design for Change



Design with a purpose





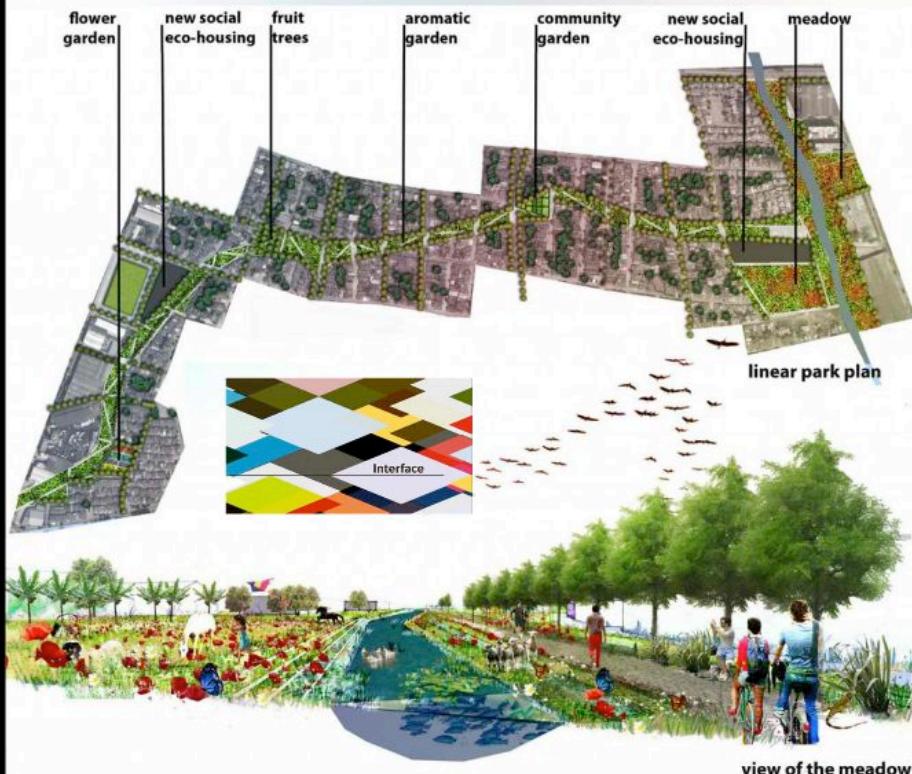
MADE 4 YOU

Design für
den Wandel /
Design for
Change

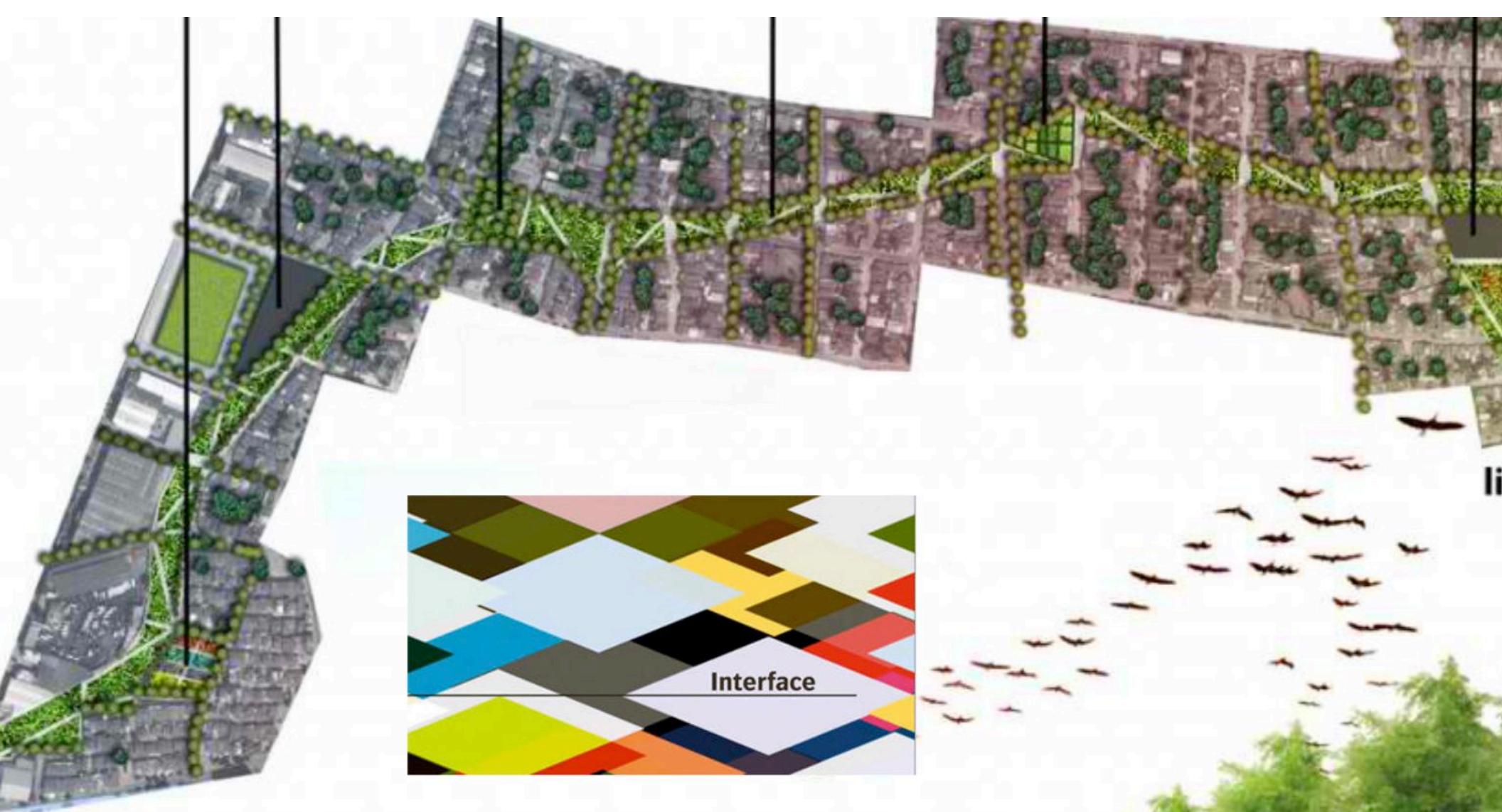
MAK

Design with a purpose

REBOLO ECO-PARK



<http://www.designwithpurposeblog.com/2013/05/16/global-design-winner-of-reconnect-your-space-competition/>



WELCOME TO INTERFACE



WORLDWIDE

SEARCH

 →

COMPANY

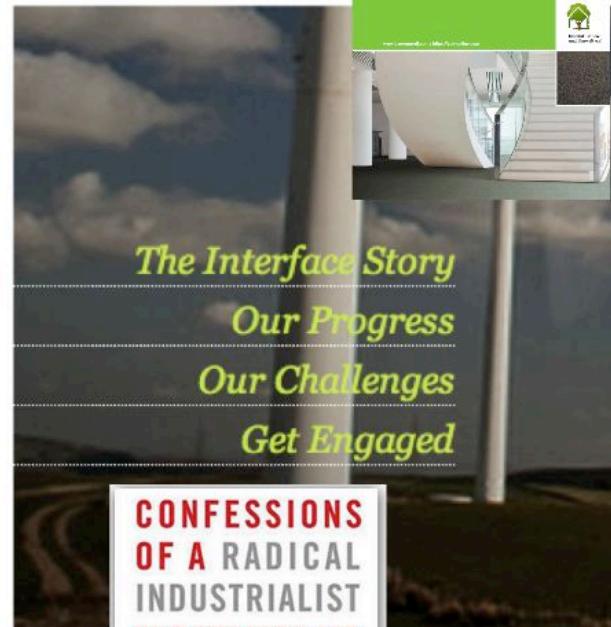
PRODUCTS

SUSTAINABILITY

INVESTOR
RELATIONS

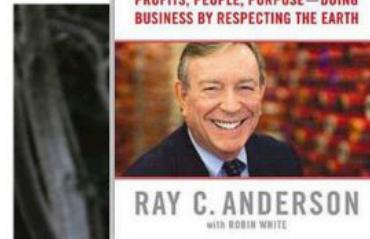
NEWSROOM

SUSTAINABILITY



CONFESIONS OF A RADICAL INDUSTRIALIST

PROFITS, PEOPLE, PURPOSE—DOING
BUSINESS BY RESPECTING THE EARTH



RAY C. ANDERSON
with ROBIN WHITE

THE INTERFACE STORY

Read about how our journey started and the path we followed.



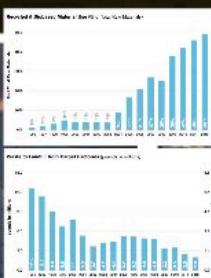
OUR PROGRESS

Learn about what we accomplished and how we got there.



Toward A More Sustainable Way of Business

In 1994, Interface® Founder Ray Anderson challenged us to pursue a bold new vision "Be the first company that, by its deeds, shows the entire world what sustainability is in all its dimensions: people, process, product, place and profits - and in doing so, become restorative through the power of influence" The Interface journey toward sustainability has been a momentous shift in the way we operate our business and see the world. Move through these pages for a closer look at our progress, and find out how to get involved in our Mission Zero® journey.



OUR CHALLENGES

Understand hurdles we have yet to overcome on our journey.



GET ENGAGED

Ask questions, make suggestions and offer advice on our journey.





MISSION ZERO

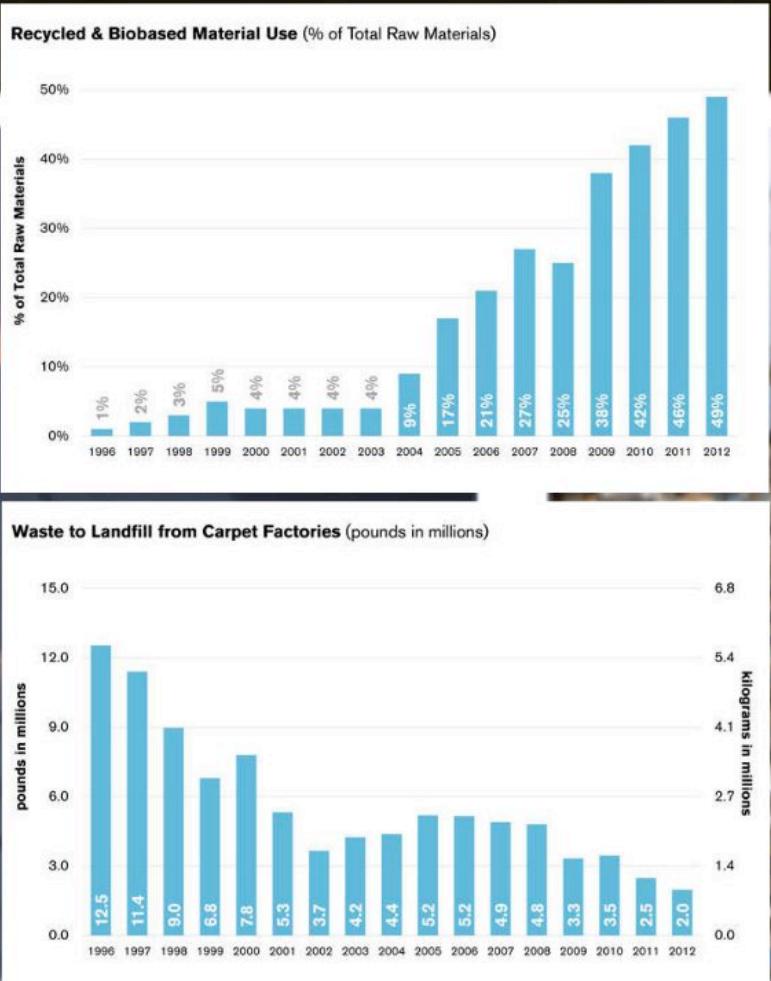
Das Versprechen alle negativen Umweltauswirkungen von Interface bis 2020 auf NULL zu reduzieren.

In 1994,
new visio
what SUS
profits - a
The Inter
way we o
for a clos
Mission 2

Systeminnovation - den Teppich zu Ende denken



for a
Mission

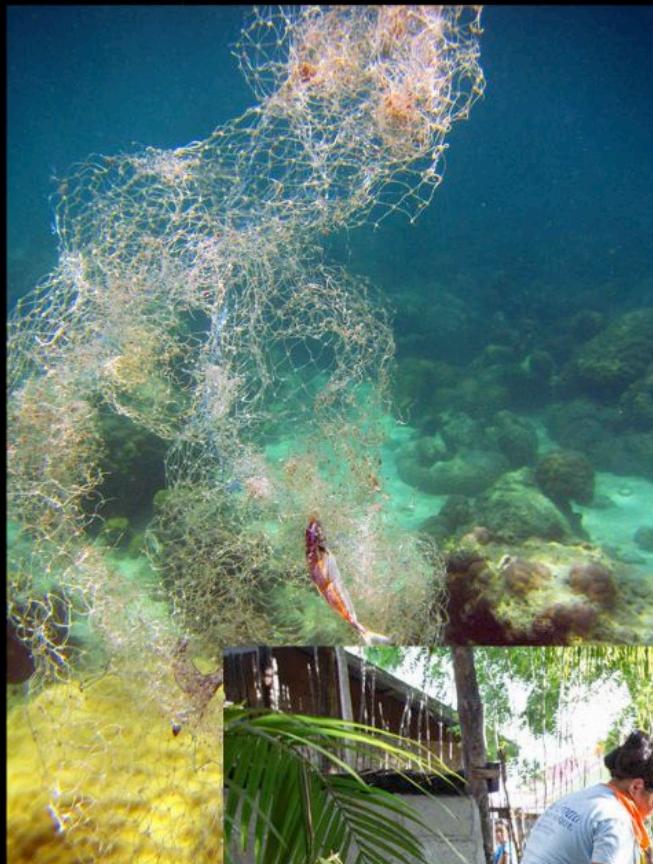


OUR PROGRESS

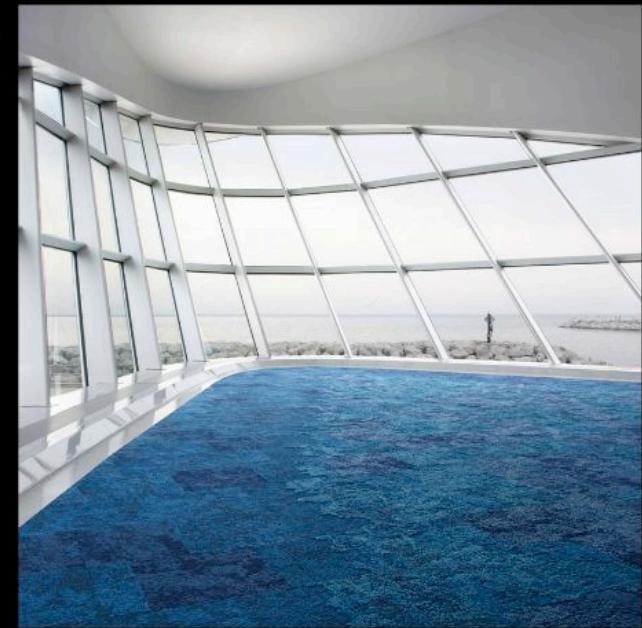
Learn about what we accomplished and

OUR C
Understa

NetEffect Carpet aus alten Fischernetzen



Philippinen - lokales Community Projekt reduziert Umweltbelastung

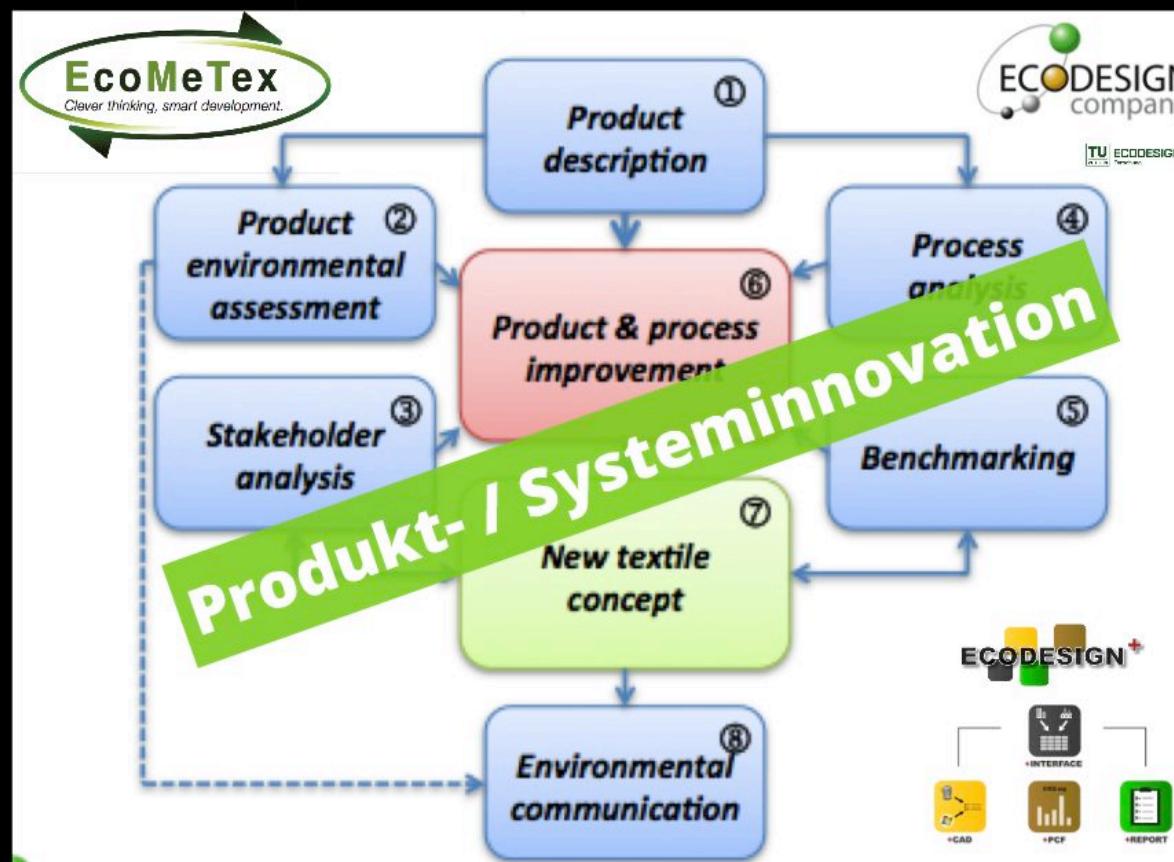


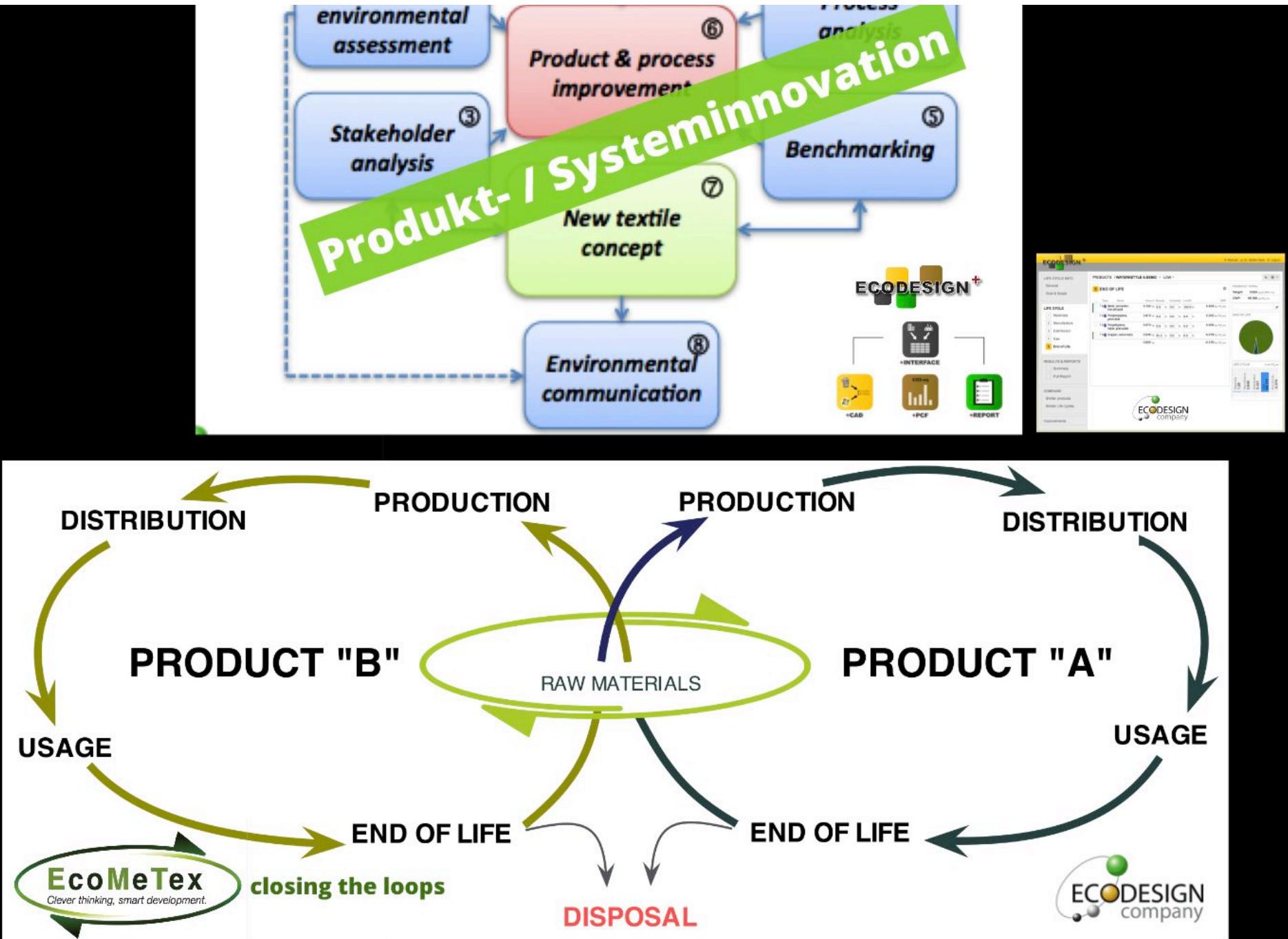
<http://www.designboom.com/design/net-effect-by-interface-is-made-from-100-recycled-content-yarn-10-04-2013/>

EcoDesign



Ecodesign für Entwicklung textiler Bodenbelag(systeme)





Transformation der Städte

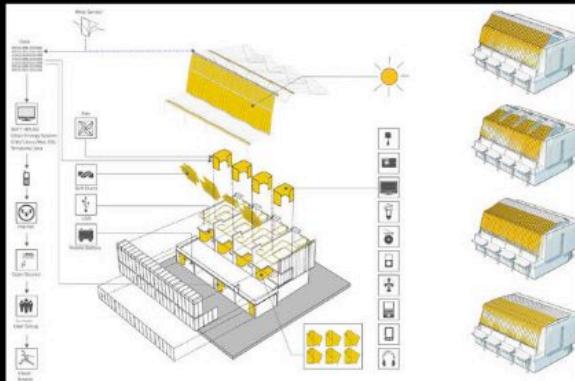
Energie ernten in den Städten



Architectural rendering of the solar-harvesting rooftop canopies for the Casa Burguesa district of Porto



Resiliente
Strukturen



<http://mitei.mit.edu/news/building-facades-move-textiles-illuminate>



The Soft House, IBA Hamburg

Gebäude als aktives Element
im Energiesystem der Zukunft



A CHANGE MAY BE JUST AROUND THE CORNER

Danke



Transformation der Städte

Energie erneut in den Städten
Resiliente Strukturen
Gebäude als aktives Element im Energiesystem der Zukunft

ZukunftsFähigkeit

- Wann wird ein System krisenhaft?
- Welche Brüche sind zu erwarten?
- Welche Brüche beeinflussen unsere Produkte?
- Wie können wir unser Unternehmen vorbereiten?

Aus meinem Tagebuch ...



MADE 4 YOU
Design für
den Wandel /
Design for
a purpose