

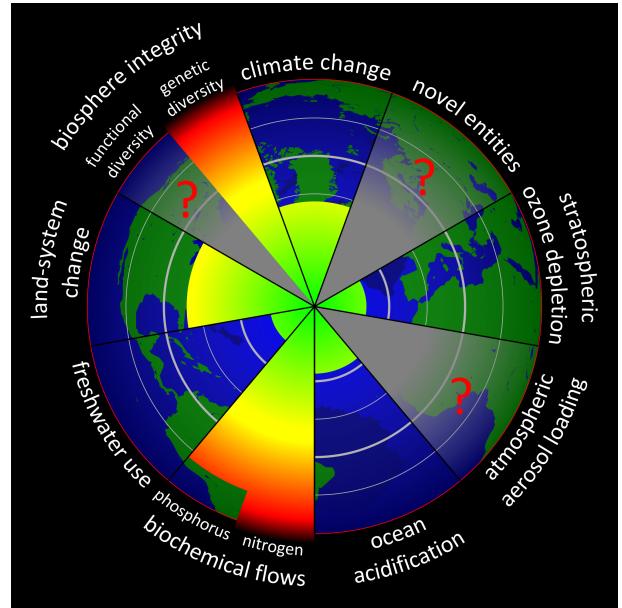
# Nachhaltig, gerecht, frei

GIBT ES DAS PARADIES VIELLEICHT DOCH?

Was wir alles wollen ...

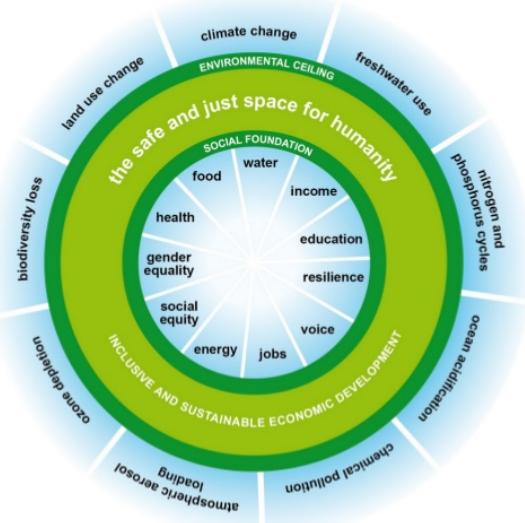


# Planetary boundaries, Save operating space

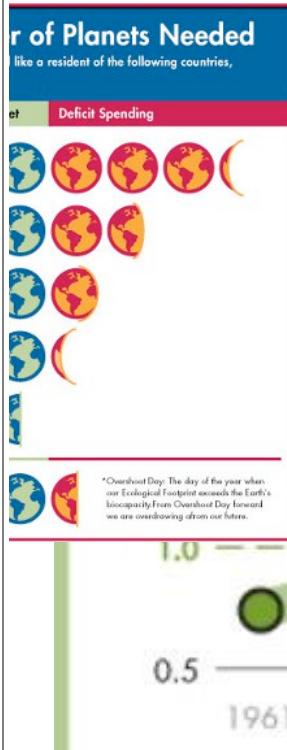


## Save operating donut

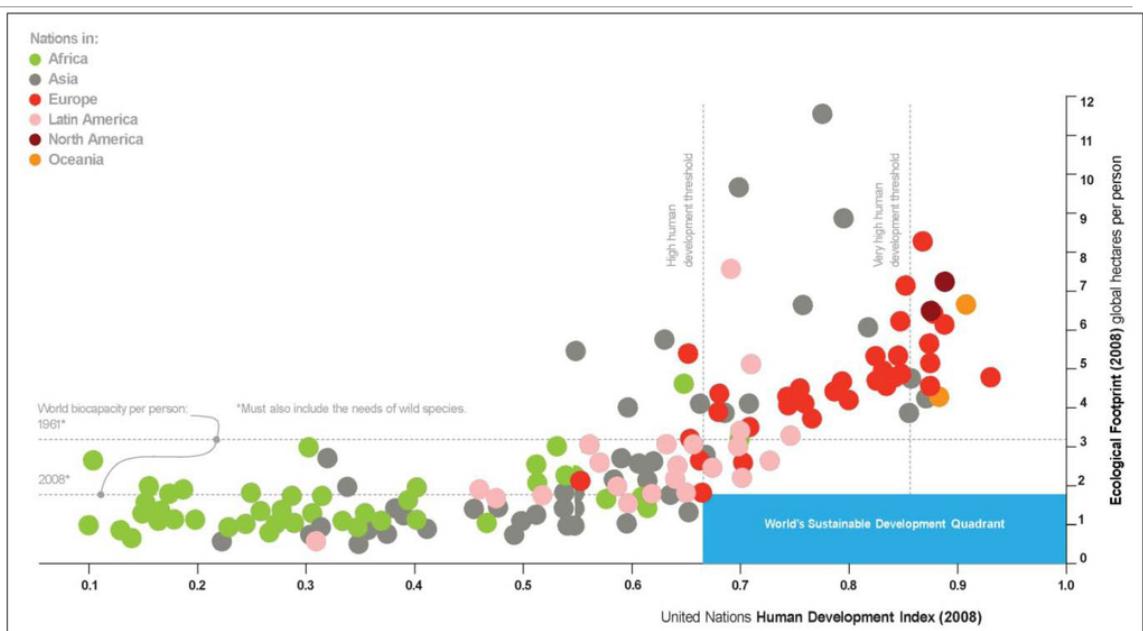
### A safe and just space for humanity



# Overshooting ...



... weltweit



## ... weltweit 2

- 
- [http://www.footprintnetwork.org/en/index.php/GFN/page/human\\_development\\_index\\_graphic](http://www.footprintnetwork.org/en/index.php/GFN/page/human_development_index_graphic)

## IPAT

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$$I = P \times A \times T$$

The diagram illustrates the IPAT equation with three factors: Population, Affluence, and Technology. Each factor is represented by a blue bracket pointing to its respective term in the equation. The bracket for 'Population' points to the first 'P'. The bracket for 'Affluence' points to the second 'A'. The bracket for 'Technology' points to the third 'T'.

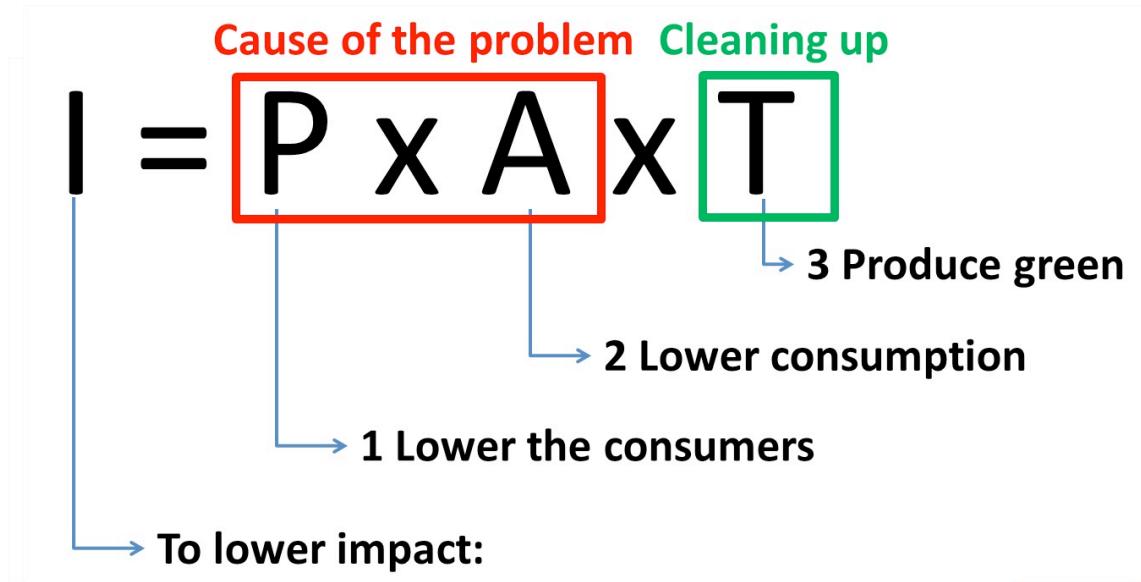
Total impact

Population

Affluence

Technology

IPAT



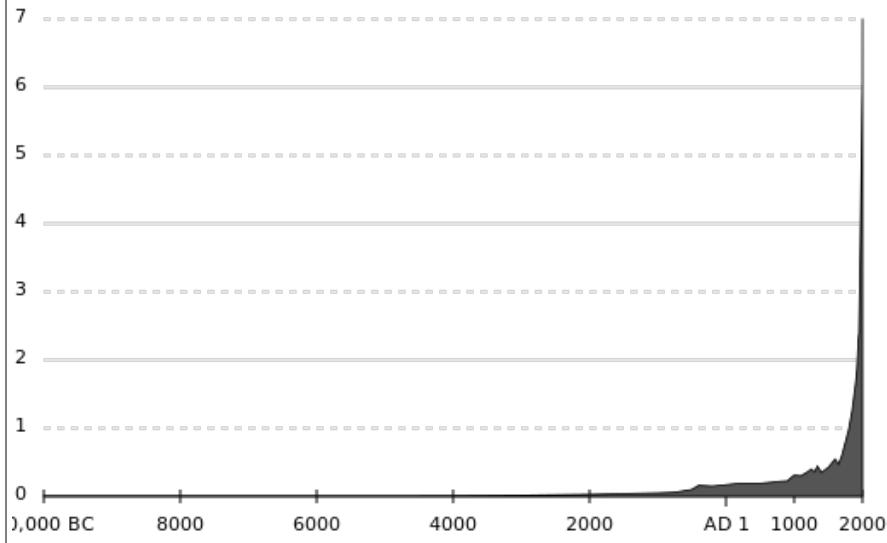
# P Population

The United Nations and the US Census Bureau project that world population will increase from 7.0 billion today to about 9.2 billion by 2050.

These projections take into consideration that population growth has slowed in recent years as women are having fewer children.



# P Population



# A Affluence



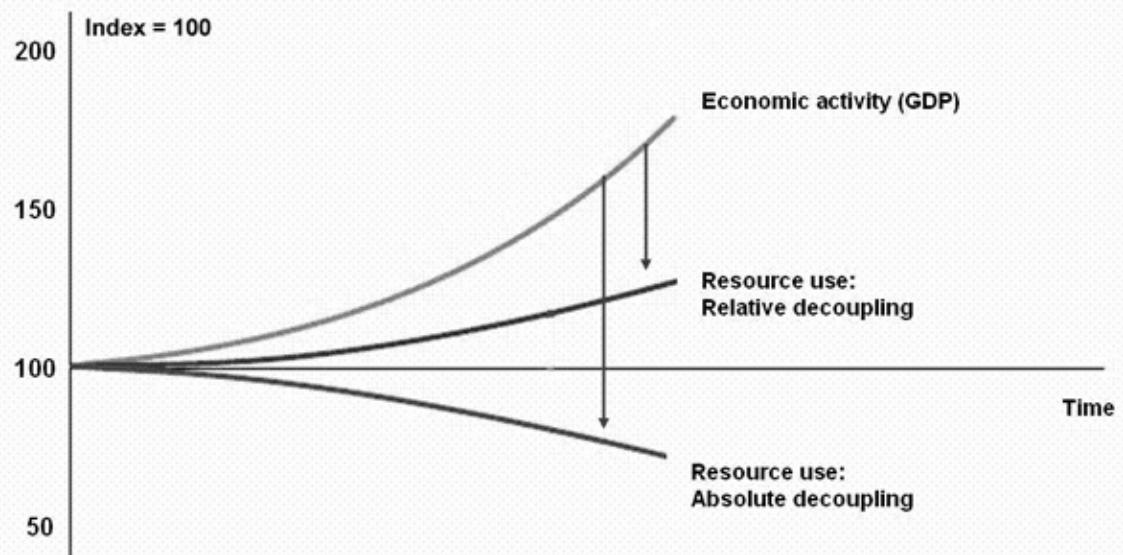
A Affluence



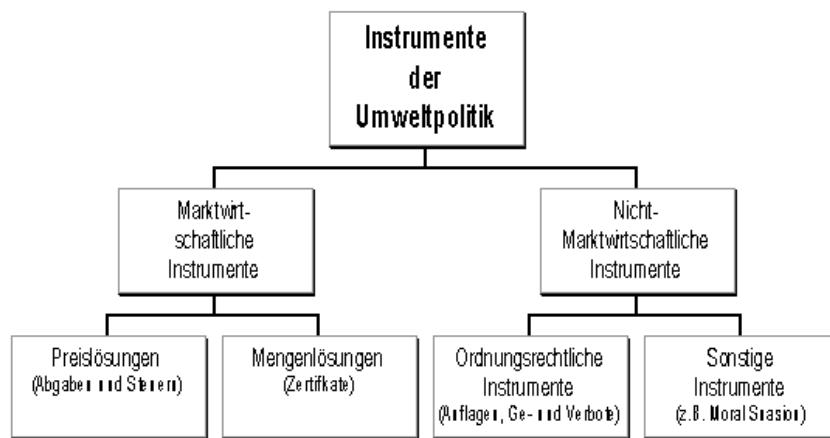
T Technologie



# Decoupling



# Umweltpolitische Massnahmen



neue Märkte, neue Wege



neue Märkte, neue Wege

## Green Growth, Resources and Resilience

Environmental Sustainability  
in Asia and the Pacific



ESCAP

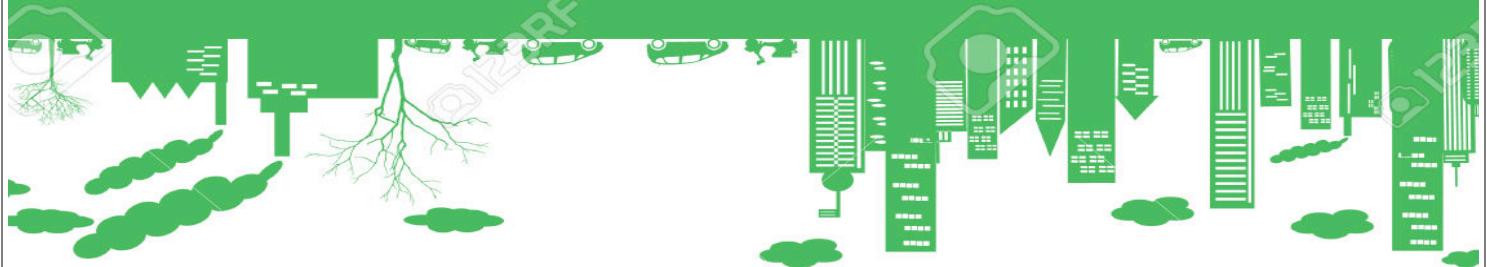
ADB

UNEP

# neue Märkte, neue Wege



*Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril dolenit augue duis dolore te feugait nulla facilisi. Nam liber tempor cum soluta nobis eleifend option congue nihil imperdiet doming id quod mazim placerat facer possim assum. Typi non habent claritatem insitam; est usus legentis in iis qui facit eorum claritatem. Investigationes demonstraverunt lectores legere me lius quod ii legunt saepius. Claritas est etiam processus dynamicus, qui sequitur mutationem consuetudium lectorum. Mirum est notare quam littera gothica, quam nunc putamus parum claram, anteposuit litterarum formas humanitatis per seacula quarta decima et quinta decima. Eodem modo typi, qui nunc nobis videntur parum clari, fiant sollemnes in futurum.*



## 200 Players



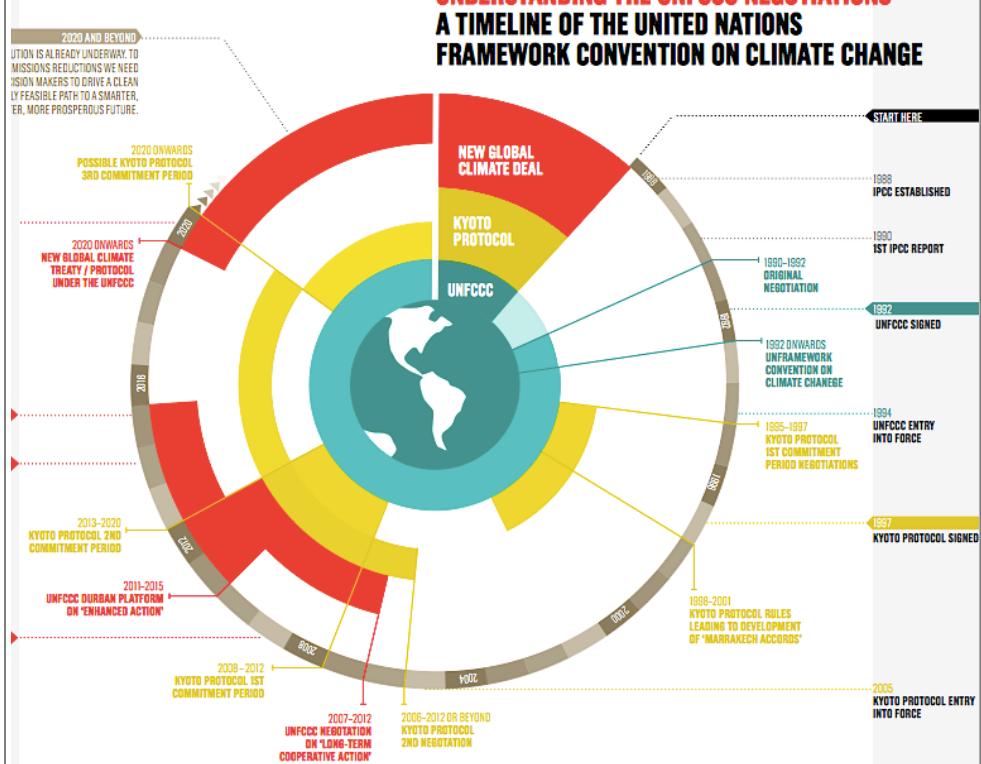
# 200 Players



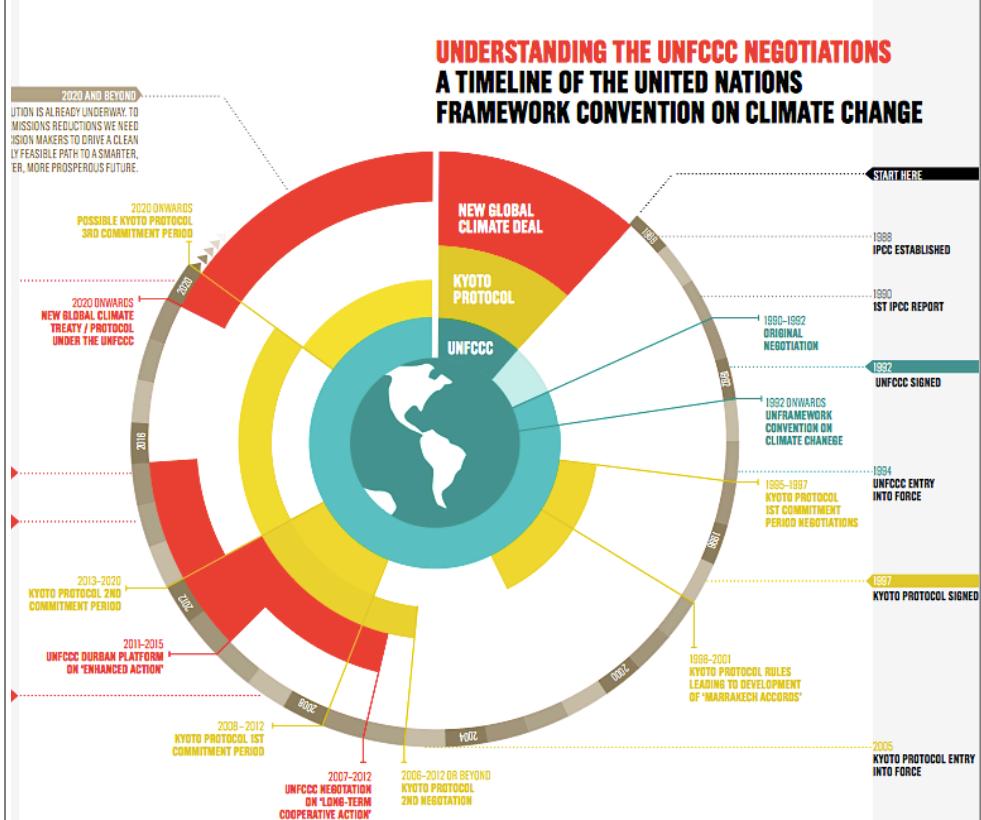
# 200 Players und mehr



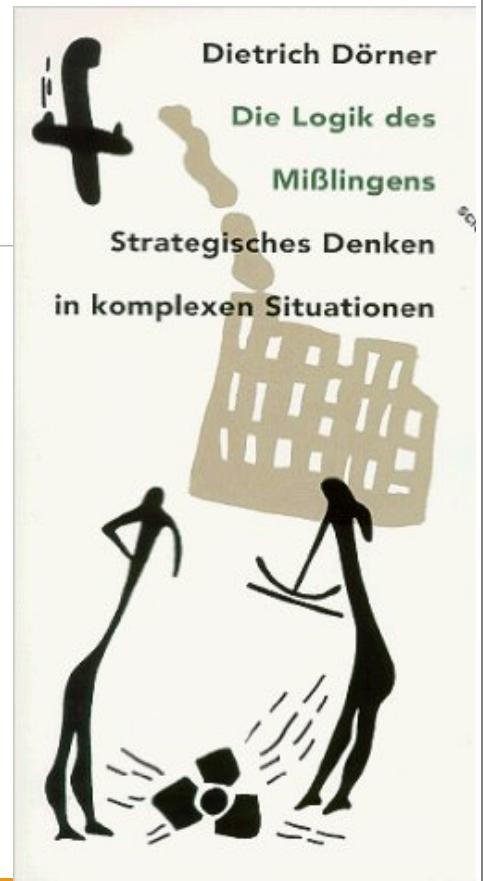
Komplexität



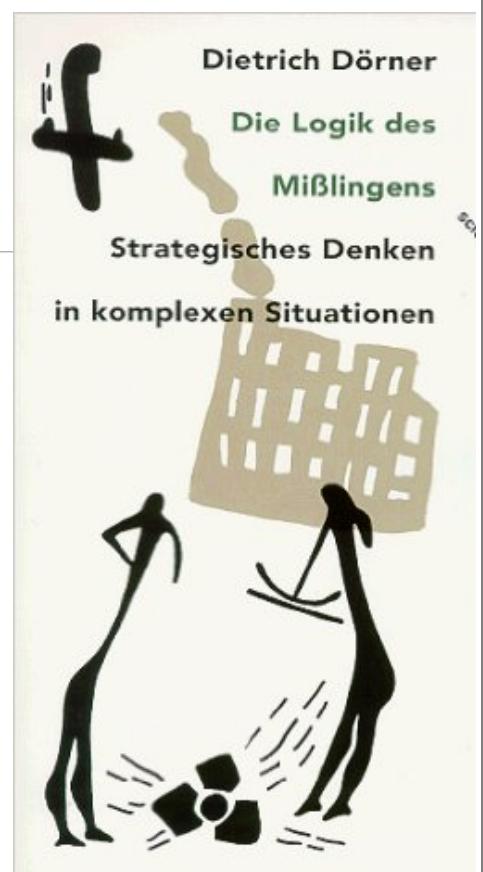
..... und Zeit



Misslingen ist möglich ....



... aber nicht zwingend

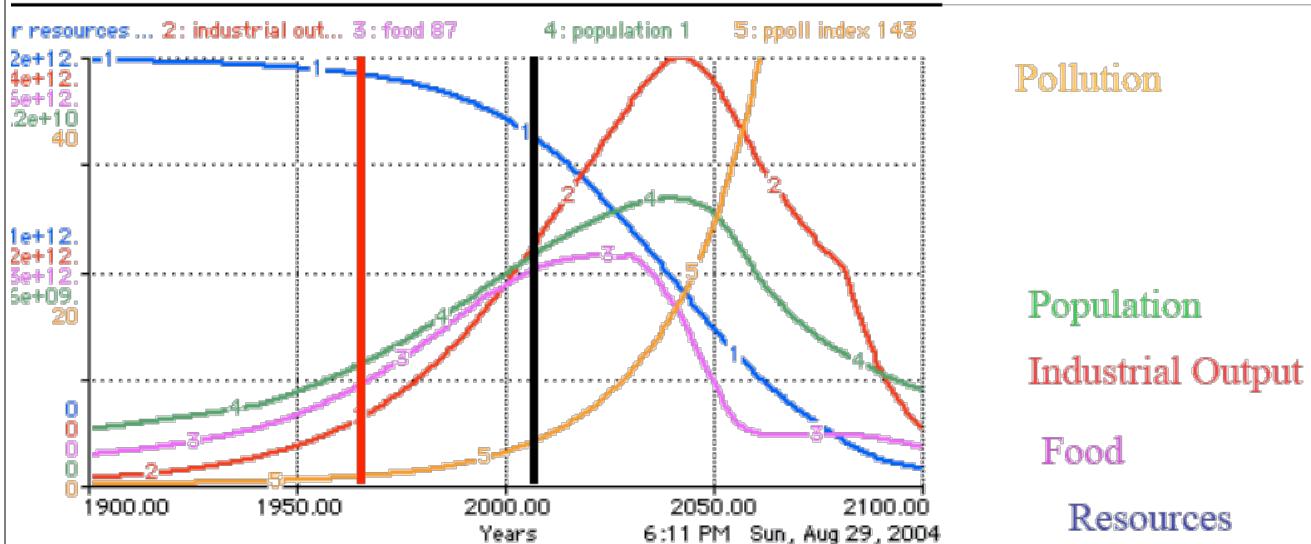


# IPAT

$$I = P \times A \times T$$

↓  
Technology  
↓  
Affluence  
↓  
Population  
↓  
Total impact

## Die Grenzen des Wachstums



of the World





**Besten Dank für die Aufmerksamkeit**