

Nachhaltige Entwicklung I

Grundlagen nachhaltigen Wirtschaftens

11. Vorlesung:

Lebensqualität, Wachstum und wirtschaftliche Nachhaltigkeit

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growth

- The WHAT, the WHY, the BUT and the HOW
- A short story of growth – from the 1960 until 2050
- Resources as drivers and problem
- Are we in a growth trap? No!
- What now? 7 things, anyone can do and 7 challenges for policy

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What? Concepts of growth

- **Quantitative** growth
- **Economic** growth
- Gross Domestic Product (**GDP**)
- **material growth** (ressources)
- **Qualitative** growth
- Quality of **life**
- **wealth**
- sustainable **development**

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Suchen

Geier Sturzflug - Bruttosozialprodukt (ZDF Hitparade 30.05.1983) (VOD)

<https://youtu.be/7Df3vRcoA50>

Nächstes Video

Besuchen Sie Europa (solange es noch steht) (ZDF Hitparade...)
geiersturzflugVEVO
98.220 Aufrufe
2:41

Mix - Geier Sturzflug - Bruttosozialprodukt (ZDF...
YouTube
50+ (-)

Markus - Ich will Spass (ZDF Hitparade 05.07.1982) (VOD)
MarkusVEVO
250.724 Aufrufe
2:41

Otto Waalkes dirigiert das Paul Kuhn Orchester - Dschingis Kahn
NewWaveGermany80

Why do we „need“ growth ?

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- growth brings **prosperity**
- growth creates and secures **jobs**
- growth strengthens **productivity** and **competitiveness**
- **growth enables environmental protection**
- growth enables **social security** and paying **for debt**
- growth makes **redistribution** possible and reduces **poverty**
- growth is **progress**

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BUT: is growth harmful?

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BUT: is growth harmful?

- growth leads to **over-consumption** without more well-being
- growth leads to more **intensive work** and **stress**
- growth increases risks from new technologies
- **growth speeds up environmental pressure**
- growth increases **debt**
- growth policy increases **inequality**

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How? drivers of growth

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How? drivers of growth

- consumption
- labour
- energy and resources
- capital
- trade
- technical progress
- societal change

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What creates growth (in economic terms)?

- ▶ **supply**
- ▶ **demand**

- ▶ *supply:*
labour, capital, resources and technical / organisational progress
- ▶ *demand:*
consumption, investment, government spending, exports (minus imports)

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And: growth slows down

Economic growth

- ▶ *Das gross domestic product (GDP) : everything we produce and consume within a year.*
- ▶ *Today in Austria: 44.000 € / person*
- ▶ *20 years ago: 30.000 € / capita (growth since then: 50% = 2%/year)*
- ▶ *40 years ago : 16.000 € / capita (growth in 20 years: 150%)*
- ▶ *60 years ago : 6.500 € / capita (growth since then: 7fold increase)*

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And: growth slows down

- Individual limits: less **consumption**
- demographic change: less **workers**
- technological change:
productivity **slows down**
- **environmental limits: resources, ecosystem services**
- economic limits: **financial markets**
- social limits: poverty and **iniquity**
- political limits :
growth policy does'nt work

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What now? Beyond growth!

- Konsumwelt: **Lebensqualität** jenseits des Wachstums
- Arbeitswelt: Gute Arbeit (für alle!), die wir wirklich, wirklich wollen
- Global: **fairer** Handel
- Umwelt: **Dematerialisierung** um den Faktor X
- Wirtschaft: **Investitionen** in die Zukunft und Balance zwischen Human-, Sozial-, Natur- und Finanz**kapital**
- Gesellschaft: mehr **Gleichheit**, weniger Armut
- Politik: **Ziele** und Messung ihrer Erreichung

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Ressources are **drivers** of growth

- Coal and oil “fuel” **growth**
- But also: **colonialisation**

- Today: **rar earths and „spice materrials“**
- But also: **renewables are scarce**
(needed for food, feed, energy and production)

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the **problem** with ressources

- It started with **emissions...**

- **toxicity**
- „**Waldsterben**“, **climate change...**
- Biodiversity, water scarcity, deserts grow...
- These are all **effectrs of resource use**

- internationale **conflikts**, increasing **costs**
...

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The **limits** are here!

- 1972: report by the Club of Rome „limits to growth“
- Energy **crisis** , Tschernobyl, Fukushima, **Peak Oil**
- Global 2000: report to the US president (1970ies)
- NGOs and env, ministries founded...
- **Food** crisis, migration, ...
- energy and food**prices**
- Housing crisis -> **economic crisisi**
- World Business Council for Sustainable Development:
Vision 2050: no particle of waste

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do we **need** to grow to...

- ... gut zu leben? Nein! **Mehr ist nicht immer besser.**
- ... gut zu arbeiten? Nein! **Auf die Verteilung kommt es an** (im Leben, zwischen den Menschen)
- ... etwas aufzubauen? Nein!
Nur im gegenwärtigen Finanzkapitalismus
- ... gesund zu bleiben? **Nein! Im Gegenteil**
- ... Die Umwelt zu schützen: **Nein! Im Gegenteil:**
Nullwachstum erleichtert die **Dematerialisierung**
- ... Einkommen/Vermögen umzuverteilen.
Nein! Im Gegenteil: Wachstum verteilt (heute)
von unten nach oben
- ... Exportweltmeister zu bleiben: kümmern wir uns
lieber um unseren eigenen Wohlstand

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What can **I** do?

- consumption: investment in „**true values**“
- work: do what you really really want
- **resources: reduce our**
“**ecological rucksack**”
- capital: living *with* the stocks
- trade: regionality is value for everybody
- less speed: things we consume require time
- Engage! : vote for the „right“ policy

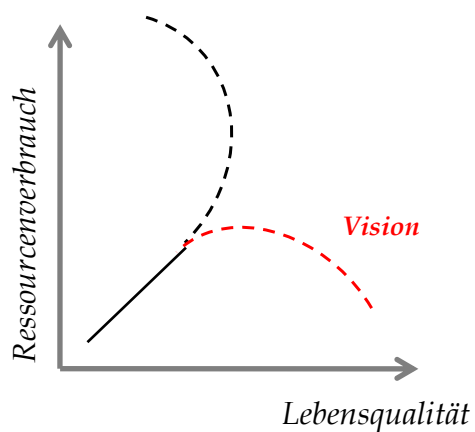
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What's up for **Policy**?

- Eco-social tax and subsidies
- a magical triangle: work, pensions and health
- capital: money reform!
- Strengthen real economy instead of financial markets
- Basic income (unconditional?)
- New measurement of progress
- globale goals for global fairness: resources for all!

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Where to go?

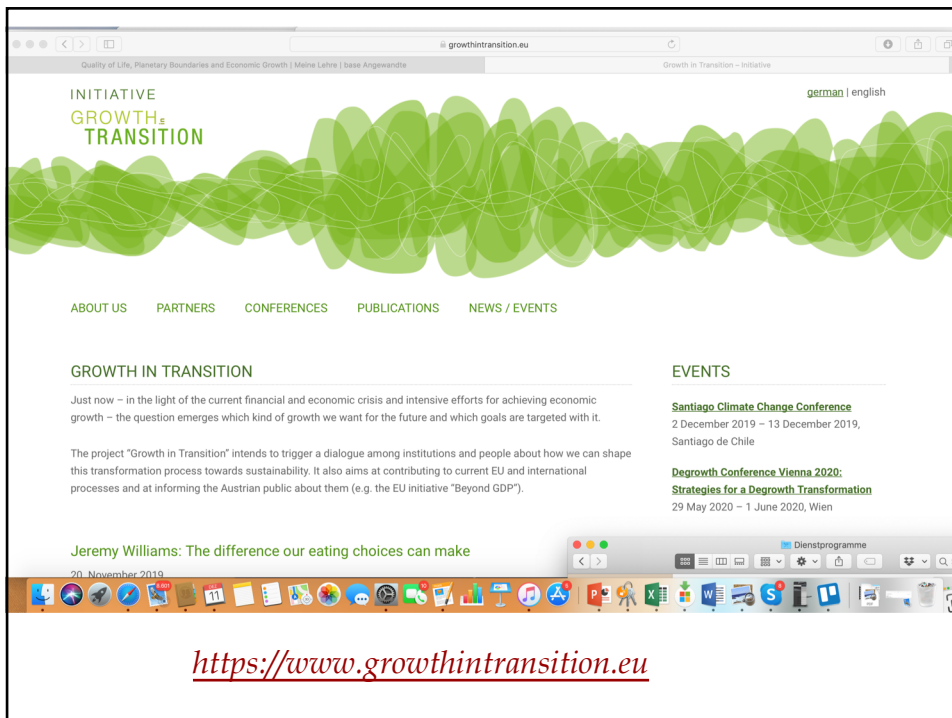


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So what? Implications

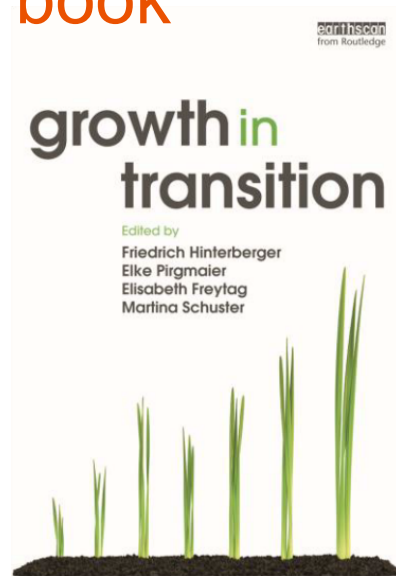
- It doesn't matter whether we are **for or against growth**
- **growth slows down**
- People **don't feel the advantages of growth**
- **negative implications** increase
- Only a **minority** profits
- 99% of economic research implies growth
- **But:**
We can see **new kinds of growth!**

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The screenshot shows the homepage of the website [growthintransition.eu](https://www.growthintransition.eu). The page features a green abstract graphic at the top, a navigation menu with links for ABOUT US, PARTNERS, CONFERENCES, PUBLICATIONS, and NEWS / EVENTS, and two main content sections: GROWTH IN TRANSITION and EVENTS. The GROWTH IN TRANSITION section includes a paragraph about the current financial and economic crisis and the project's goal to trigger a dialogue. The EVENTS section lists two conferences: the Santiago Climate Change Conference (2-13 December 2019) and the Degrowth Conference Vienna 2020 (29 May 2020 - 1 June 2020). A browser window at the bottom shows the URL <https://www.growthintransition.eu>.

The book



di:angewandte
Universität für angewandte Kunst Wien
University of Applied Arts Vienna



Club of Rome - Austrian Chapter
Verein zur Förderung des Club of Rome - Austrian Chapter

Vielen Dank für Ihre
Aufmerksamkeit!

Friedrich Hinterberger
<http://fritz.hinterberger.com>

