

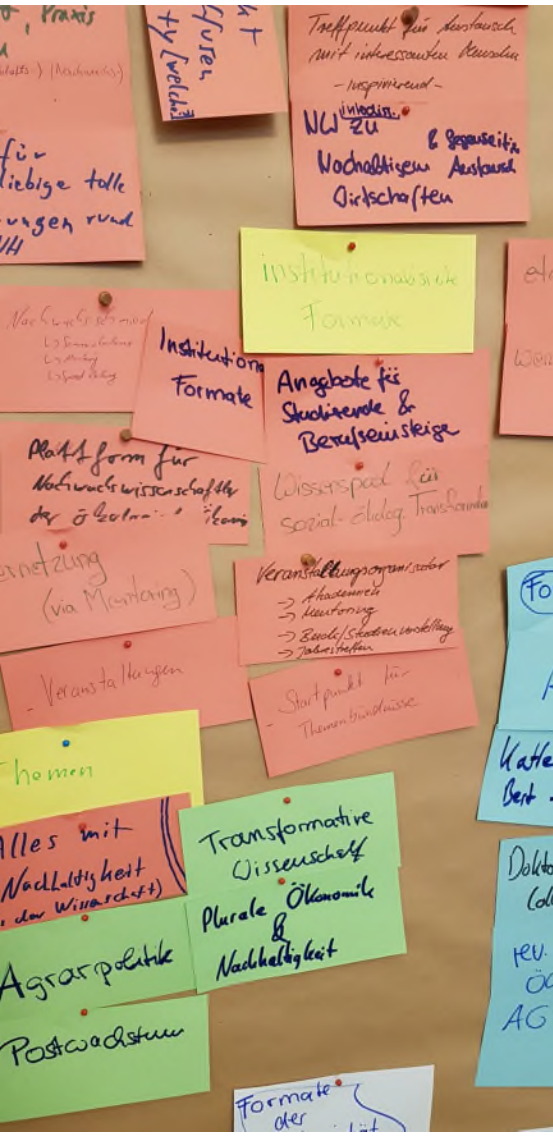


Vereinigung für ökologische
Wirtschaftsforschung

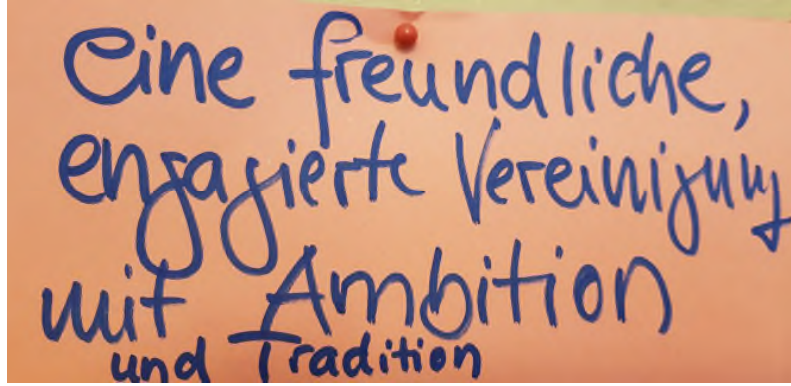
Introducing VÖW

Association for Ecological Economy Research (VÖW)

Bernd Siebenhüner
Professor for Ecological Economics
Carl von Ossietzky University of Oldenburg



Who we are



- founded in 1985 as an inter- and transdisciplinary network
- a non-profit association with 205 members
- Working on a visioning and implementing a sustainable economy
- Including sustainability management, environmental policy and science-practice exchange, teaching sustainability in economics and management studies
- Offering diverse contact opportunities between science, politics and practice.

- See www.voew.de

VÖW Mentoring

22 MentorInnen

VÖW Mitglieder

FreundInnen der VÖW

43 Bewerbungen

Studierende (BA, MA)

Promovierende

PostDocs

Berufsein- & umsteigerInnen

Auswahlkriterien

Fachliche Übereinstimmung

Motivation

Diversity

Bedarfsituation

Laufzeit

1 Jahr: September 2020 bis August 2021

Mind. 3 persönliche/digitale Treffen

Win win Situation für's Nachhaltige Wirtschaften

Entschleunigter Austausch im 1:1 Verhältnis

MentorInnen als Impuls- und RatgeberInnen

Weitergabe von Wissen, Erfahrungen und Kontakten

Mehrwert für beide Seiten

Ökologisches Wirtschaften



In der Online-Ausgabe sind über **1.500 Artikel** aller Ausgaben seit 1986 verfügbar

Jubiläumsgeschenk! 35 YEARS IÖW & VÖW

Im Jubiläumsjahr haben wir die **Embargo-Frist** für Artikel von zwei Jahren **auf ein Jahr gesenkt**

Die letzten vier Ausgaben sind online nur für AbonnentInnen verfügbar, also auch **für VÖW-Mitglieder**

2021: 35 Jahre Ökologisches Wirtschaften

<https://www.oekologisches-wirtschaften.de/>

35 YEARS VÖW

VÖW

IÖW/VÖW-Jubiläumstagung



MUT.
MACHEN.

Zeitenwende 2020 Turning Point 2020

Wird diesmal alles anders?
Will it be different this time?

#zeitenwende2020

www.ioew.de/zeitenwende

Jahrestagung 2021

„Zeit und Nachhaltigkeit“

- **Zeit und Ort:** 21. bis 22. Juni 2021, TU Berlin
- **Kooperationspartner:** Deutsche Gesellschaft für Zeitpolitik, BMBF-Projekt «Zeit-Rebound, Zeitwohlstand und Nachhaltiger Konsum», AG Zeitpioniere der VÖW

- **Themen:**

- Zeit-Rebound-Effekte und die Ökonomie der Zeit
- Umwelteffekte von und Messung der Zeitverwendung
- (Zeit-)Politik für eine nachhaltige Gestaltung von Care
- Betriebliche Zeitpolitik und nachhaltige Lebensführung
- Zeitgestaltungskompetenz und Bildung für nachhaltigen Konsum
- (Zeit-)Politische Perspektiven einer sozialökologischen Gesellschaft

	Mo. 21.06.	Di. 22.06.
9:00 - 10:15		Keynote
10:30 - 12:30	Ankommen Imbiss ab 11:30	Workshops & Special Session
12:30 - 13:30	Tagungsbeginn Einstieg	Mittagspause
13:45 - 15:45	Workshops & Special Session	Workshops & Special Session
15:45 - 17:00	Interaktive Pause im World Café	Interaktives Wrap Up & Verabschiedung
17:00 - 18:30	Paneldiskussion	Mitgliederversammlungen der DGfZP und der VÖW
18:30 - 19:30	Abendessen	
19:30 - 21:30	Transition Theater	
21:30 - 23:00	Ausklang auf der Dachterasse	

Summer School 2021

„Nachhaltige Landnutzung“

- **Zeit und Ort:** 15. bis 18. September 2021, Seminarzentrum Gut Siggen Schleswig-Holstein
- **Kooperationspartner:** Alfred-Töpfer-Stiftung F.S.V, Graduierten Kolleg HU-Berlin
- **Themen:**
 - Nutzung von agrarräumlichen Landschaften und damit verbundene Zielkonflikte
 - Umsetzung der Biodiversitätsstrategie durch die neue Gemeinsame Agrarpolitik der Europäischen Union
 - sozialen Implikationen größenstruktureller Umbrüche in der Landwirtschaft (Stichwort „Höfesterben“)
 - Subventionspolitiken der Europäischen Union
 - Exkursion: Forschungsfelder Ökologischer Landbau in Trenthorst



Conferences 2022

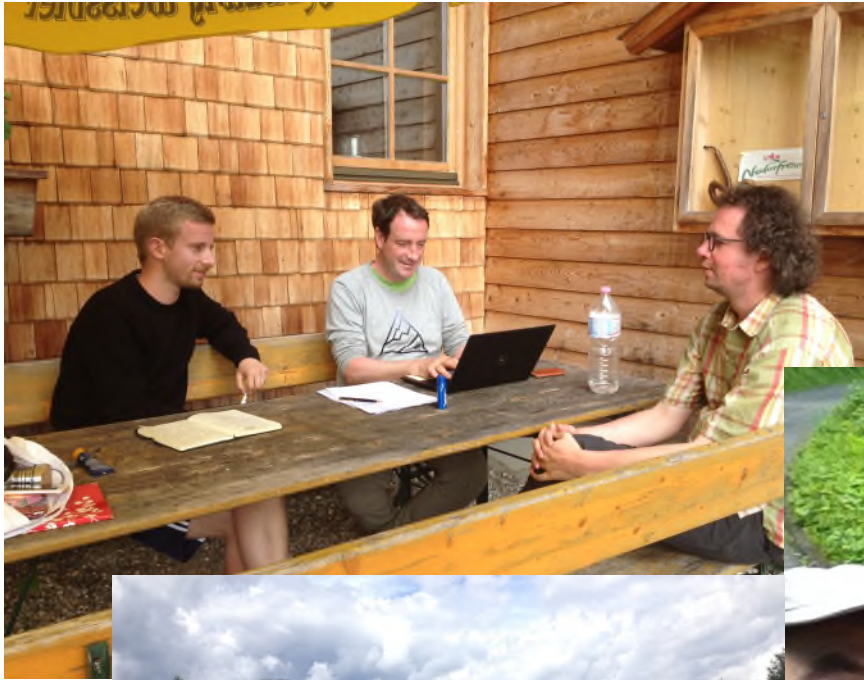
Herbstakademie 2022: Ökologische Gewerkschaftspolitik

- vom 30. September – 2. Oktober 2022, Evangelische Akademie Tutzing in
- In cooperation with NELA. Next Economy Lab, the project "Education for Sustainable Unionists" and the Protestant Academy Tutzing.

Ausgewachsen – Wirtschaften als gäbe es ein Morgen - Jahrestagung von IÖW und VÖW aus Anlass von 50 Jahren „Grenzen des Wachstums“

- 23 November 2022 in Berlin, 500 registered participants, incl. online

VÖW Wanderakademien (2018, 2019, 2023)



Upcoming event:

- 4. VÖW Wanderakademie, 14 - 17 September 2023, Wilder Kaiser, near Kufstein, Austria
- **Title: Postwachstum und soziale Gerechtigkeit in Norden und Süden**
- See <https://www.voew.de/wanderakademie/>



Community energy projects as part of the energy transition

Impuls

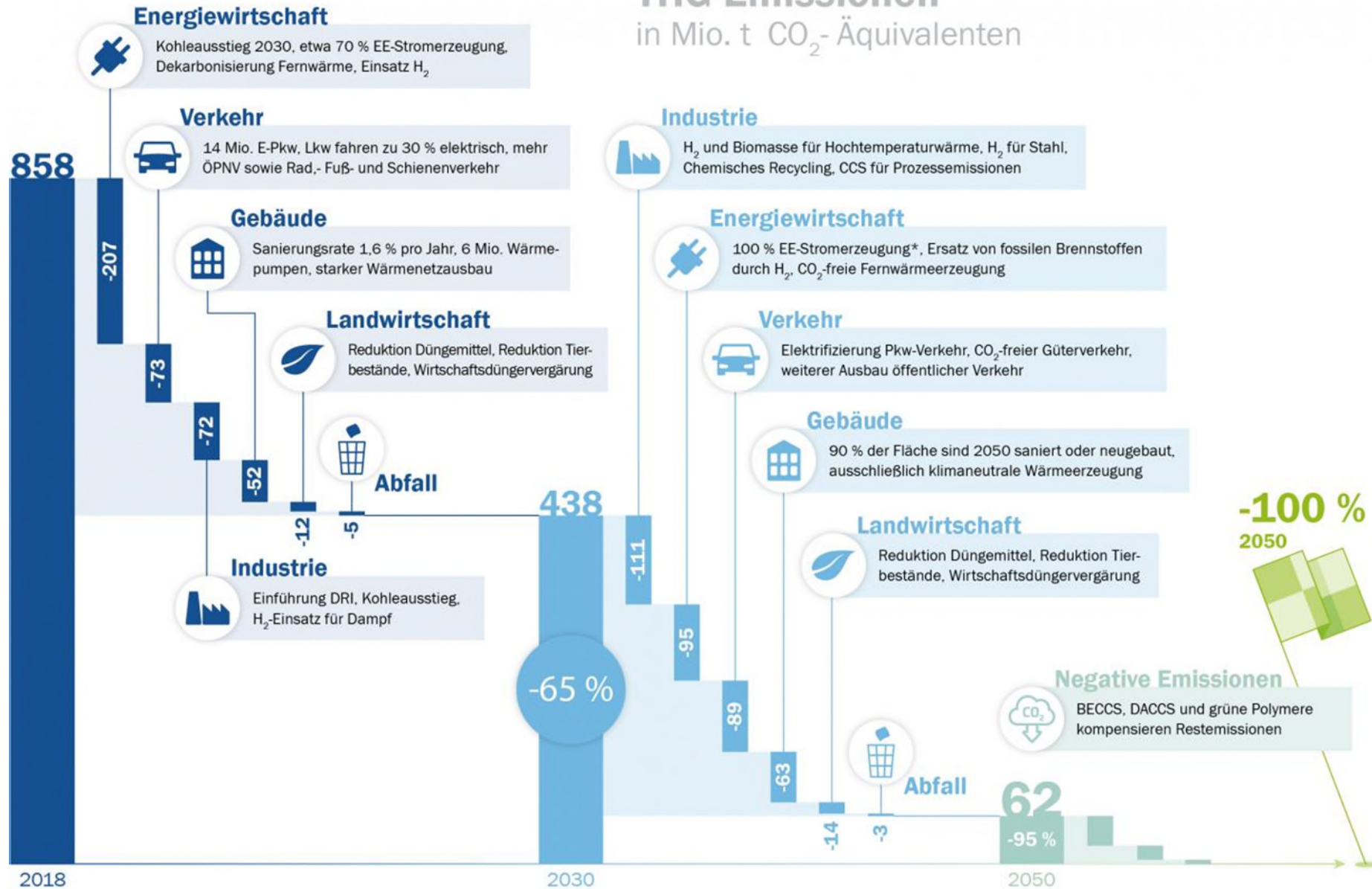
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Thesis 1:

The energy transition is essential in the transition towards decarbonisation and sustainable development.

THG-Emissionen in Mio. t CO₂-Äquivalenten



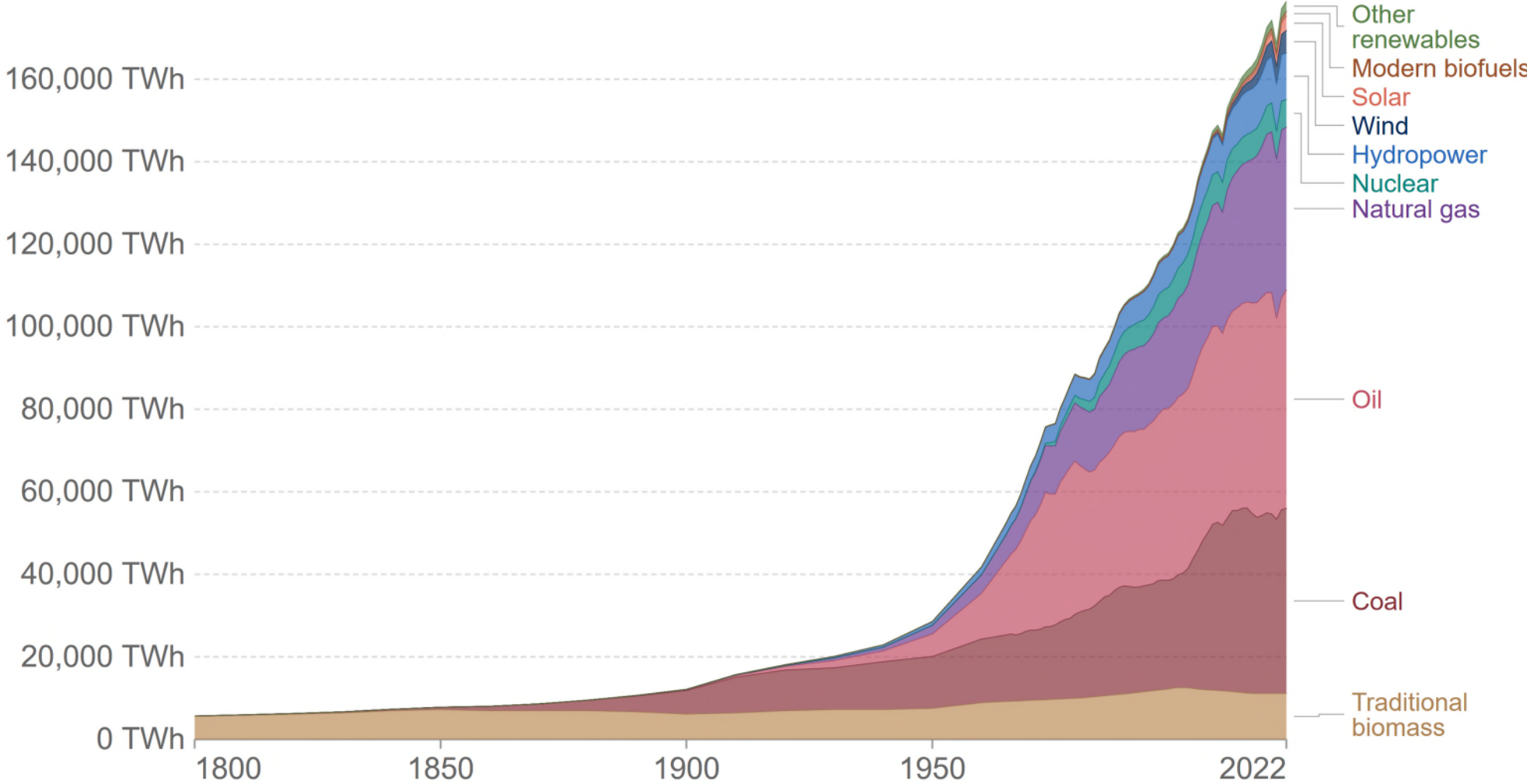
*Inkl. Stromerzeugung aus erneuerbar erzeugtem Wasserstoff, zwischengespeichertem und importiertem erneuerbaren Strom.

Quelle: Prognos, Öko-Institut, Wuppertal Institut 2020

© Prognos 2020

Global primary energy consumption by source

Primary energy is calculated based on the 'substitution method' which takes account of the inefficiencies in fossil fuel production by converting non-fossil energy into the energy inputs required if they had the same conversion losses as fossil fuels.



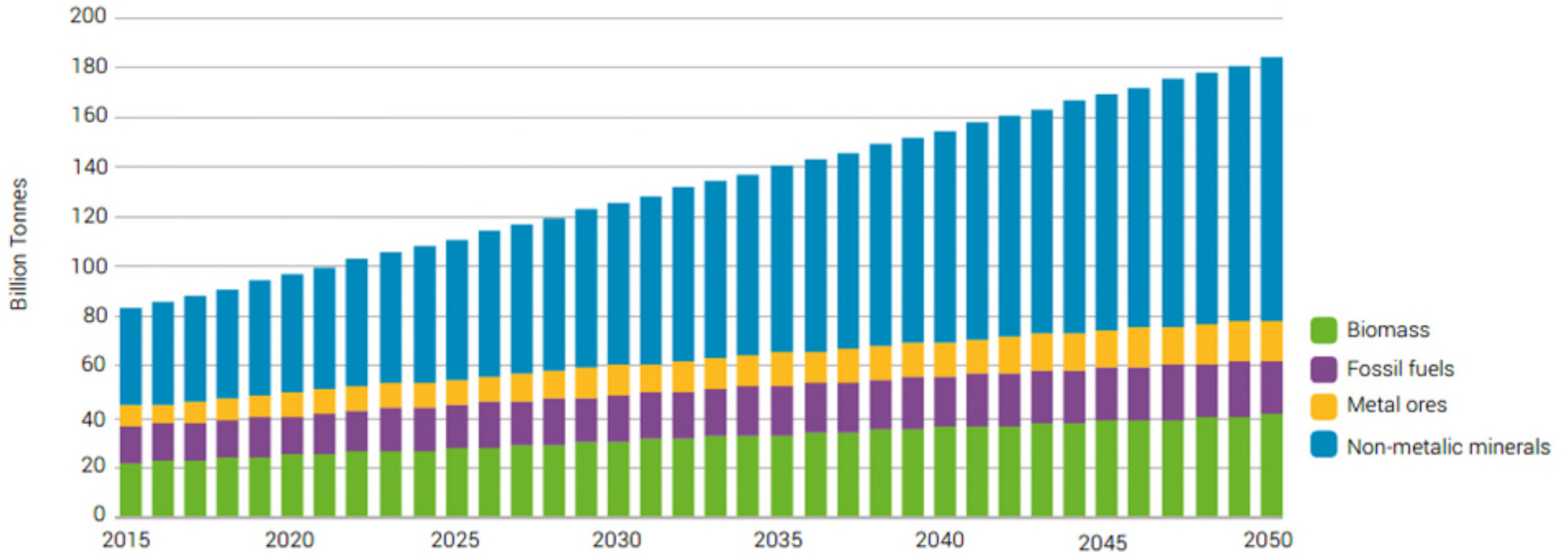
Source: Energy Institute Statistical Review of World Energy (2023); Vaclav Smil (2017)
OurWorldInData.org/energy • CC BY

Thesis 2:

The energy transition towards renewables has to keep the resource problem and biodiversity loss in sight.

FIGURE 2

Global resource extractions by four categories (biomass, fossil fuels, metal ores and non-metallic minerals) (a) 2010–2050 for Existing Trends, and (b) change from 2015 to 2050 for four scenarios.



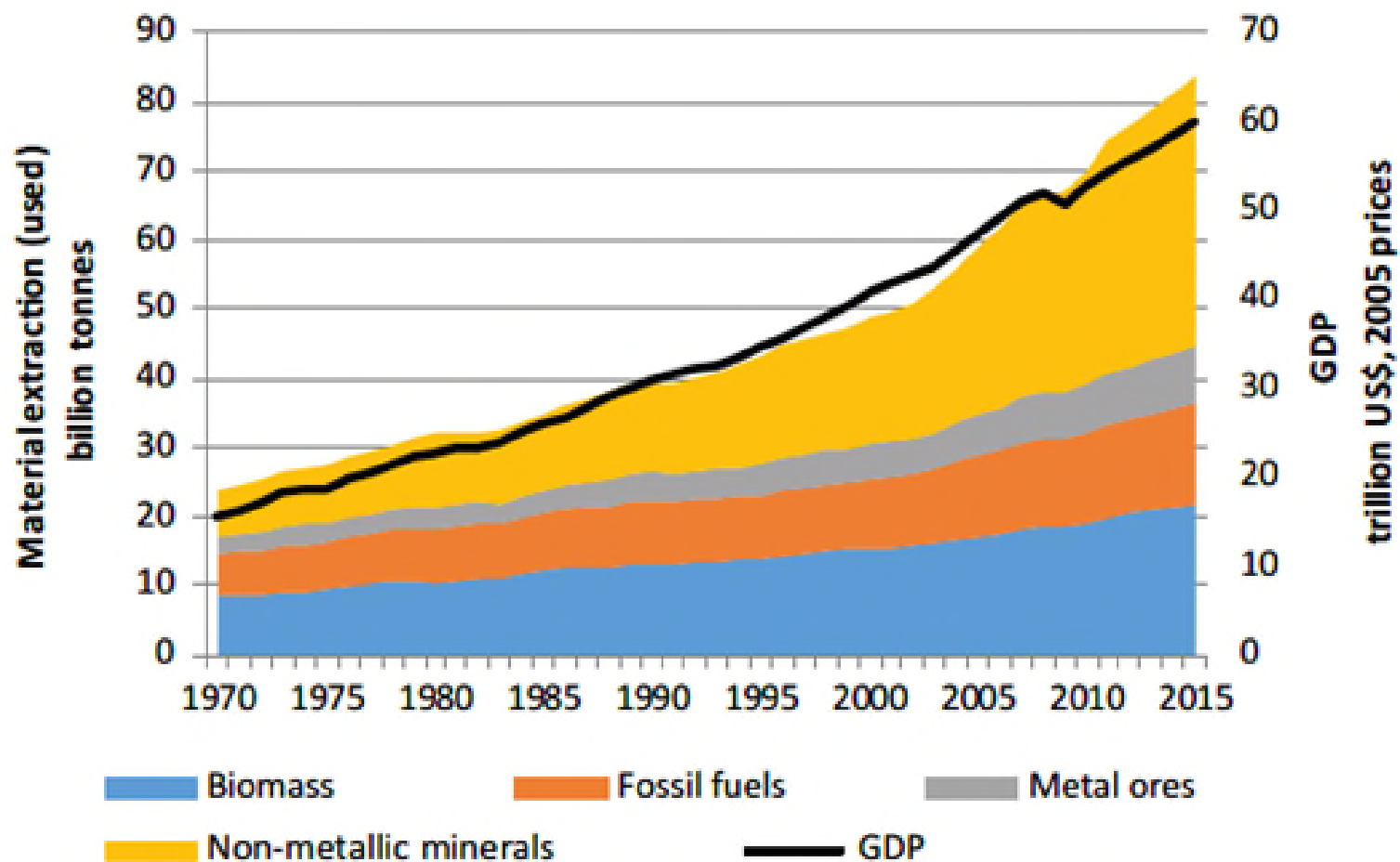
Source: UN Resource Panel.

https://www.resourcepanel.org/file/905/download?token=AUZd_YDD

Thesis 3:

The energy transition has to be combined with a degrowth strategy.

Figure 13: Global material extraction in billion tons, and global GDP in trillion US dollars
2005 prices, 1970-2015



Source: UNEP (2017): Resource Efficiency: Potential and Economic Implications. A report of the International Resource Panel. UNEP.

URL:

https://wedocs.unep.org/bitstream/handle/20.500.11822/21230/resource_efficiency_potential_economic_implications.pdf?sequence=1&isAllowed=

Thesis 4:

The energy transition has to be global and local, and social at the same time.

Thesis 5:

Community renewable energy projects require regulatory frameworks, economic incentives, intermediary support organisations, self-management skills, and training.

Socially owned renewable energies: Project example from South Africa

The Just Energy Transition in the South African context:

Just Transition Framework: “affordable, decentralised, diversely owned renewable energy systems” and “broadening of ownership of productive assets” (Presidential Climate Commission, 2022, p. 7, 18)

Definitions:

- Social ownership - ‘between state and private’; relationship/organisation
- cooperative ownership; worker/community share-ownership; municipal partnerships; some public-private partnerships depending on the ownership model.
- ‘Community’
- Participation and benefit

Global North Examples

EWS Schönau, Germany

- **Energy Regime:** Liberalised electricity market with an electricity stock exchange (European Energy Exchange) and a strict oversight body
- **Orientation to Grid:** grid-tied; PV, hydro, retail of green electricity sourced nationally
- **Context:** Ecologically oriented, decentralized, non-nuclear and citizen-owned energy production from renewable sources that is operated by a cooperative run by citizens;
- **Details:** 650 + members
 - Financed through membership fees, bank loans
 - Feed-in tariffs with 20 years runtime, priority access for renewable electricity
 - Indirect subsidies via feed-in-tariff



Solar Park at Herten - EWS Schönau, Germany

Som Energia, Spain

- **Energy regime:** Liberalised electricity market with 5 large private renewable companies dominating
- **Orientation to the grid:** grid-tied; PV, wind, biogas, hydro, retail of green electricity sourced nationally
- **Context:**
 - Ecologically oriented, decentralized, and citizen-owned energy distribution and production through a national cooperative; strong code of ethics; local autonomy
 - 55 000 members and 90 000 consumer contracts ; plan for low-income members
 - Financed through membership fees and member shares
 - Government regulated system (Feed-in tariff withdrawn)



Som Energia Coalition for Community Energy, Spain

Global South Examples

Casa Pueblo, Puerto Rico

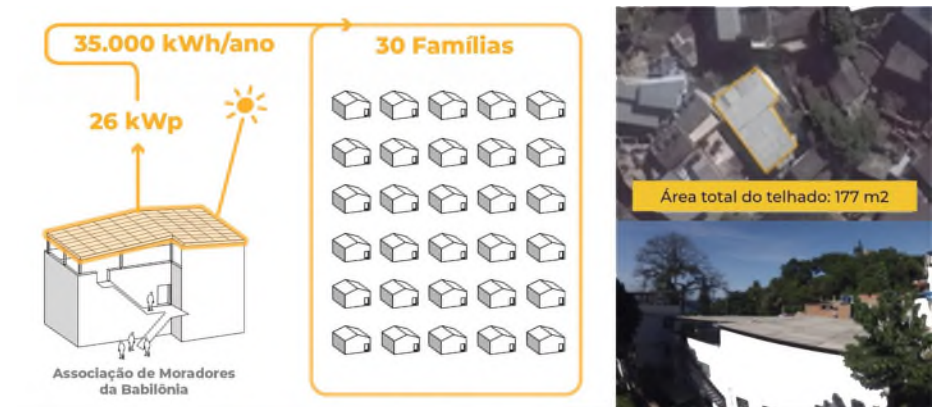
- **Energy Regime:** Nationally Privatized Grid Under LUMA
- **Orientation to Grid:** Mini-Grid (Alta de Cuba)/Grid-Tied (Casa Pueblo Facility)
- **Context:**
 - Organization with deep history in community
 - Energy Sovereignty through community management
 - Oriented around community needs and culture
- **Details:**
 - 400 solar energy projects in Adjuntas (Urgent health care and food security programs)
 - 140 houses in communities
 - Subsidize household rooftop installation through rents from local business association: 6 grocery stores, 3 hardware stores, 2 restaurants, and a barber shop



Alto de Cuba Microgrid – Adjuntas, Puerto Rico

RevoluSolar, Brazil

- **Energy Regime:** Liberalized market regulated by government body
- **Orientation to Grid:** Grid-Tied
- **Context:** Started by workers who were unionised and volunteer solar energy technicians and engineers.
- **Details:**
 - Rooftop solar generate power for around 34 households organised as a cooperative; grid-tie model with discount on electricity bills
 - Address longer term structural solutions to problems in low-income communities through solar energy installations and on-the-job training and to create eco-consciousness through children's workshops.



Residents Association of Babilonia - Brazil

Lessons from global experiences of SORE

- Effects on cooperatives of participation in liberalised energy market economy
- Effects of intermediary support organisation on energy socially-owned energy models
- Government policy framework around feed-in tariffs and support for RE industrialisation
- Beyond financial viability:
 - Extent of self management (cooperative development; RE skill sets)
 - Campaigning and educating around climate crisis
 - Social safety nets for members



A scenic photograph of a rocky coastline. The foreground shows dark, layered rock formations sloping down towards the sea. In the middle ground, waves are crashing against the rocks, creating white foam. The ocean extends to the horizon under a clear, bright blue sky. The overall scene is bright and clear, suggesting a sunny day.

Thank you!

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