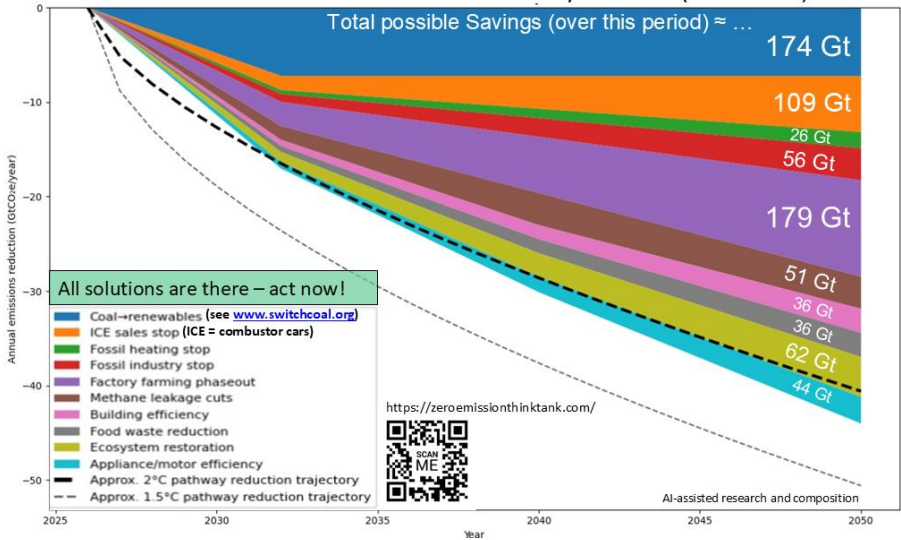


eBook (2025/26) abstract- relevance for human-being

SWITCHCOAL IS NOT JUST ANOTHER RENEWABLE ENERGY INITIATIVE; IT'S A GAME-CHANGER.

In our concern, the new research (see ref. ⁽¹⁾ and ref. ⁽²⁾) clearly shows that **only one measure would be even more effective: putting an end to industrial factory farming and the associated intensive agricultural landscape** (purple curve).

Estimated annual GHG emission reduction by measure (2026-2050)



(1)

However since that is not a minimal intervention (both economically and socially) it seems completely unrealistic to expect to make a significant difference within seven years; means that SwitchCoal has – compared with the other 9 measures – **the best increase rate and can be finished after 7 years**, saving the whole amount of Gt / year from 2033 to 2050 continuously (→ appr. 174 Gt in total).

¹ (theoretical) possible solution contribution, if all human being Act NOW, means under condition of deciding e.g. not to produce any more combustor car (ICE) and as well a full stop of every economic growth on average (= 0% moratorium) worldwide; **minimally invasive global climate protection measures** (generated by ChatGPT), and **note: if global economic growth continues at 3.2% (as it has for the past 25 years)**, in 2025 our GDP will have roughly doubled (by factor 2.18) meaning that, given current energy consumption level, there is absolutely no chance of meeting the 2°C or even the 1.5°C target, because decoupling of energy use from economic growth is missing.

The reuse of existing grid connections is a clever move and **saves up to three years on project timelines**. **Switch Coal offers a win-win solution** (see “Unique Selling Points”). It's backed by studies from Bloomberg NEF, the IEA and IRENA, **proving that the operational costs of renewables are lower and the profits are higher** (see the *Executive Summary* of our 2023' release, we published under time pressure ahead of COP28).

Implementation sketch:

States should be the central actors in implementing these measures.

This can be done via 7 major instruments:

- A) Banning laws
- B) Enforcing laws / setting standard
- C) Incentives
- D) Sanctions / taxes
- E) Qualification
- F) Quantifications / caps
- G) Direct state action

Note: ascertained resp. designed according to studies and practical policies in forerunner countries (like Norway, Denmark, Morocco, China e.g.)

Corresponding classification with
X = primary / most important policy instruments, X = supporting ones

	A Ban	B Enforce / Standard	C Incentive	D Sanction / Tax	E Qualification	F Quantification / G State Action Caps
Coal-renewables	X		X			X
ICE sales stop	X		X			
Fossil heating stop	X	X	X			
Fossil industry stop		X	X	X		
Factory farming phaseout	X	X	X	X		X
Methane leakage cuts				X	X	
Building efficiency		X	X			
Food waste reduction		X	X		X	
Ecosystem restoration			X			X
Appliance/motor efficiency		X			X	
— Approx. 2°C pathway reduction trajectory						
- - Approx. 1.5°C pathway reduction trajectory						

All solutions are there – act now!



AI-assisted research and composition

(2)

In short, **SwitchCoal can also be seen as a “litmus test” for the climate action** that is urgently needed in the short term (as climate scientists always emphasize: *“Emissions must be cut – now, drastically, no matter what”*). **No other solution is presented quite so readily on a silver platter.**

So if those in charge (currently SB64/COP31 delegates) themselves ignore something like this, **what good will all the many smaller, protracted measures** – if they are even tackled with determination – **actually do?**

'We have a choice. Collective action or collective suicide. **It is in our hands.**³
'Delay means death' - UN climate report urges immediate, drastic action.⁴

² **The information and research results stated are preliminary**, since a detailed elaboration is not done yet (when ready it will be stated [here](#) right away too).

Nevertheless the core message is valid and should be observed and spread:
There is an enormous potential for a bunch of large measures to keep climate change in check at the defense line of +2 C when seriously started off now. They are simple, **feasible, profitable, and most importantly come along with minimal public disruption.**

³ See e.g. <https://www.theguardian.com/environment/2022/jul/18/humanity-faces-collective-suicide-over-climate-crisis-warns-un-chief> (António Guterres at COP27)

⁴ See e.g. Reuters' from 28.02.2022: <https://www.reuters.com/business/cop/delay-means-death-un-climate-report-urges-immediate-drastic-action-2022-02-28/>