

(No) solution to the climate crisis

Group work on technical solutions to the climate crisis

Hydrogen as a solution?

Hydrogen is currently more present than ever in the public debate. Hydrogen and derived products can replace fossil fuels in many ways and thus keep fossil infrastructure systems alive, but sustainable hydrogen is scarce and conversion is very costly.

Read the excerpt from the Dossier „Hydrogen and Climate Justice“ by Konzeptwerk neue Ökonomie to find out more about hydrogen and the consequences of its production.

Hydrogen export

In the text, the consequences of possible hydrogen exports from the global South to the global North were mentioned. One example for this are new megadams that are planned at the Inga waterfalls of the river Congo in the Democratic Republic of Congo. Another example are solar and wind farms in Namibia for the production and export of hydrogen. We have included one video and one text here in which you can find out more about these projects.

- Read the text „Mega-projects for hydrogen exports“ by Johanna Tunn and Tobias Kalt (H2Politics research group, University of Hamburg).
- Scan the QR-Code or click on the link below to watch the video „Hydropower plans in the DR Congo“:
<https://www.dw.com/en/hydropower-plans-in-the-dr-congo/video-61566132>



Reflection

Now that you have taken a closer look at specific case studies, you can exchange ideas and reflect together on what you have learned. You can use the key questions as a guide:

- To what extent does the production of hydrogen contribute to global (in)justice?
- What (other) challenges do you see with hydrogen as a solution to the climate crisis?
- Critics speak of "neo-colonial practices" in the context of hydrogen imports. What could that mean? What do you think about this?
- What measures for a fairer, sustainable society would be needed instead?

Sources:



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