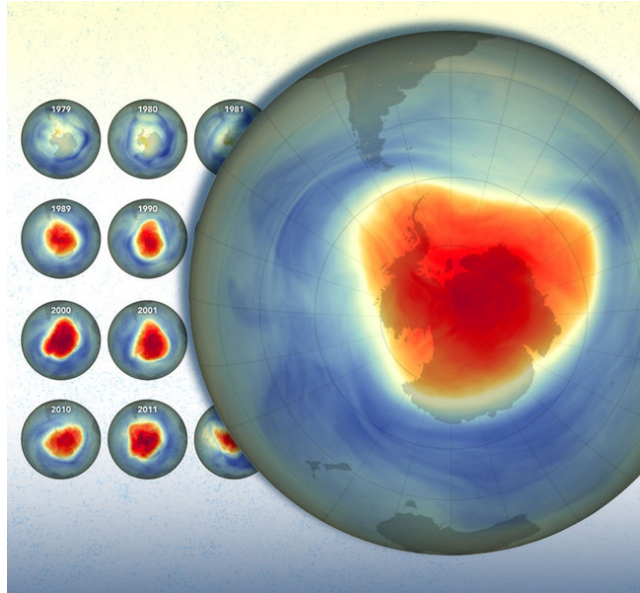


# Learning from challenges in the past



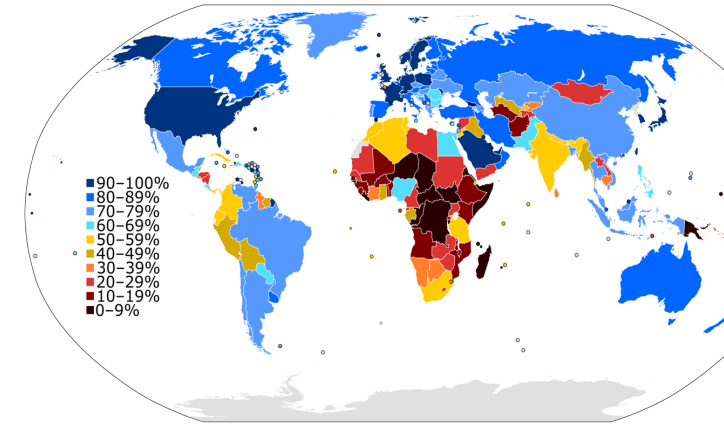
## 8 diseases (almost) eradicated

Thanks to concerted international efforts Polio, Malaria, the Measles, Mumps, Smallpox, Chickenpox and the Guinea worm disease have almost become eradicated.



## Ozone depletion stopped by reducing CFCs by 95%

Despite of the considerable delay in discovering ozone depletion, the international community reacted quickly by promoting alternatives to CFCs and phasing them out



## Digitalization has transformed societies within 10 – 15 years

Access to internet and digitalization have transformed the work our lives. Thanks to public and privat investments and large scale retraining programms

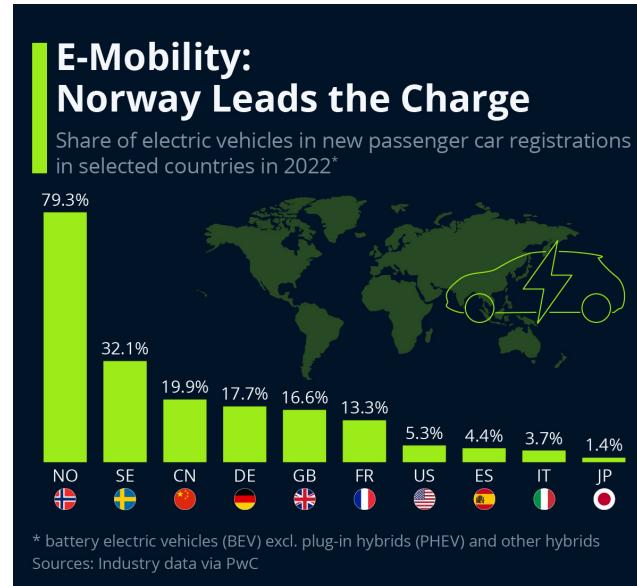
# Creating hope around the globe...



## Carbon neutral or negative

Bhutan, Surinam and Panama are considered „carbon-negative“ countries; Gabon, Madagascar, Comores, Guyana and Niue carbon neutral, mainly due to their high percentage of forested land.

<https://net0.com>



## Zero emission cars by 2025

The Norwegian Parliament decided that all new cars sold by 2025 should be zero-emission (electric or hydrogen). By the end of 2024, more than 27 % of registered cars were battery electric (BEV). 89 % of all new passenger cars sold were fully electric. The speed of the transition is related to policy instruments and a wide range of incentives.



## Growing food, not lawns

During the pandemic there was a global surge in local gardening. Growing food on lawns and roofs has a potential to produce 20-40% of fresh vegetables. Many programs such as City beet farm (Vancouver) or Lawns to Legumes use the CSA (Community Supported Agriculture) approach to distribute efficiently without food waste.

# Creating hope around the globe...



## Net Zero Cities

Ljubljana, Malmö are part of a Net Zero Cities Network a program that supports 100 cities in becoming carbon neutral by 2030

→ <https://netzerocities.eu/>



## Paris goes green and carfree

Since 2020 Paris has planted 100 000 trees and continuously freed the streets from cars while promoting bicycles, public transport and walking. On 24.3.2025 a majority voted to make another 500 streets carfree, which shows the high acceptance of the strategy.



**Biochar: Putting organic carbon in soils for > 800+ years.** In the Special Report on Climate Change and Land, published by the IPCC, the global potential for removal of carbon from the atmosphere by making biochar and amending it to soils in shifting cultivation systems was estimated at 0.21 – 0.35 Gt C/year (2.1 – 3.6% of global CO<sub>2</sub> emissions) .

# L'habitat low tec du future: Living on 26 m2 with 90% less resources

A young couple in Paris collected "low tech" ideas from all over the world and is testing and innovating for sustainable urban living 2040 on an area of 26 m2... They grow mushrooms in the shower, crickets in the living room and greens in the aquaponic kitchen counter and do fitness on a bike that runs the washing machine..

Lelowtechlab.org



[https://www.youtube.com/watch?v=\\_QGqcv28cUY](https://www.youtube.com/watch?v=_QGqcv28cUY)

# Creating hope: Swiss Startups



## Plastic free packaging with mushrooms

Mykrobez has developed a system that uses mushrooms to transform organic waste into flexible materials that can be used for packaging, building or to create furniture.

## Agriphotovoltaik

According to a study by the ZHAW, the energy potential of agri-PV systems could cover around 10% of Switzerland's electricity consumption. Insolight offers a solution that protects crops and produces electricity at the same time.

## Circular baby products

Loopi offers young families high-quality prams and other baby items on a subscription model. As the child grows, the family can switch to a buggy or walking bike. The baby carriage is professionally cleaned, refurbished and made available to another family.

More examples: [innosuisse.ch](http://innosuisse.ch), [www.circular-economy-switzerland.ch](http://www.circular-economy-switzerland.ch), [swisscleantech.ch](http://swisscleantech.ch), [oebu.ch](http://oebu.ch), [online-adventskalender.info](http://online-adventskalender.info)