



# Sweden's Sustainability Rise- 2015 vs 2020 - 2022

## 59.12%

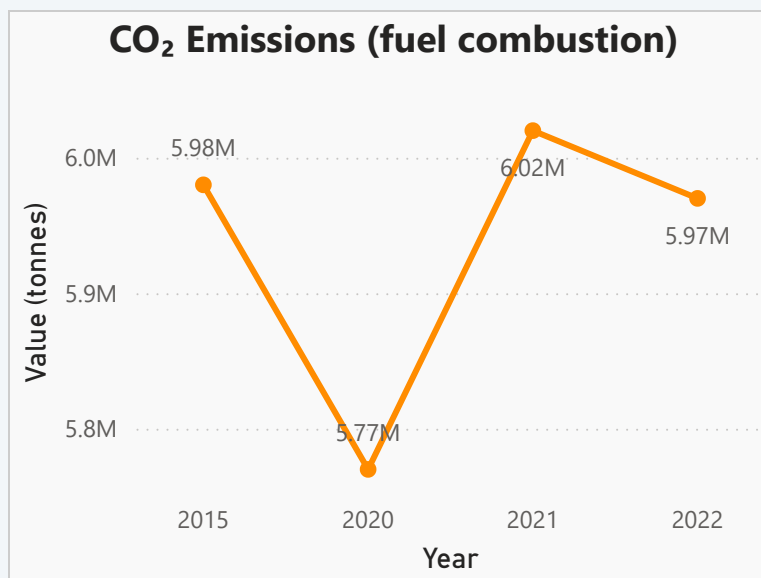
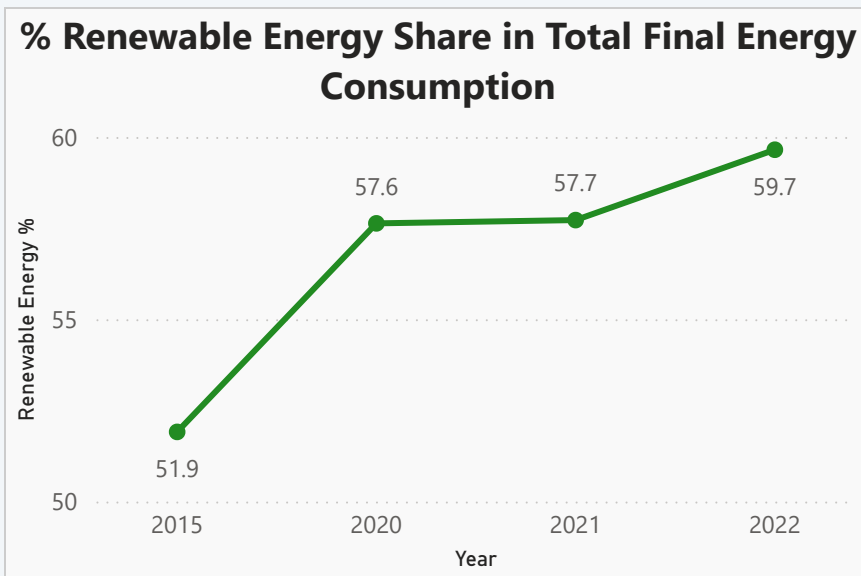
Co2 Reduction (2020 vs 2022)

## 24.19K

Total E-sound Tech Trade 2020 onwards(\$)

**A coal-free future:  
Sweden shut its last  
coal plant in 2020.**

**Renewables have steadily  
climbed,  
now at nearly 60%**



**Emissions dipped in 2020 but  
rebounded in 2021**

**CLIMATE LEADER**

- Renewables: 59.7%**
- Access to Electricity: 100%**
- CO<sub>2</sub>/GDP: Down 18%**
- Recycling: 39.8%**
- Net Zero By: 2045**

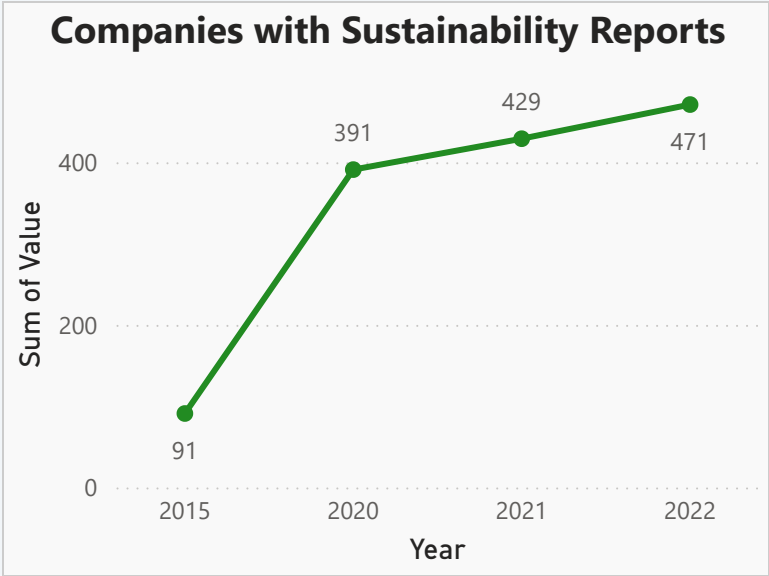
# Innovation & Decoupling: Powering Growth Sustainably

417.58%

Sustainability Reporting Growth (%)

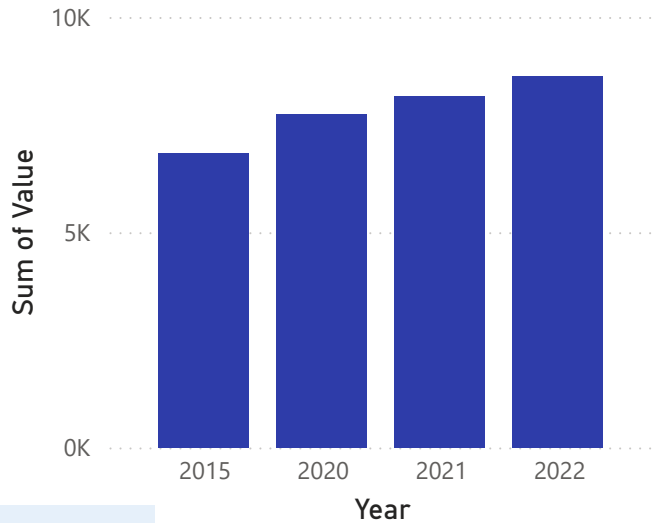
417% more firms reporting since 2015

From 91 in 2015 to 471 in 2022

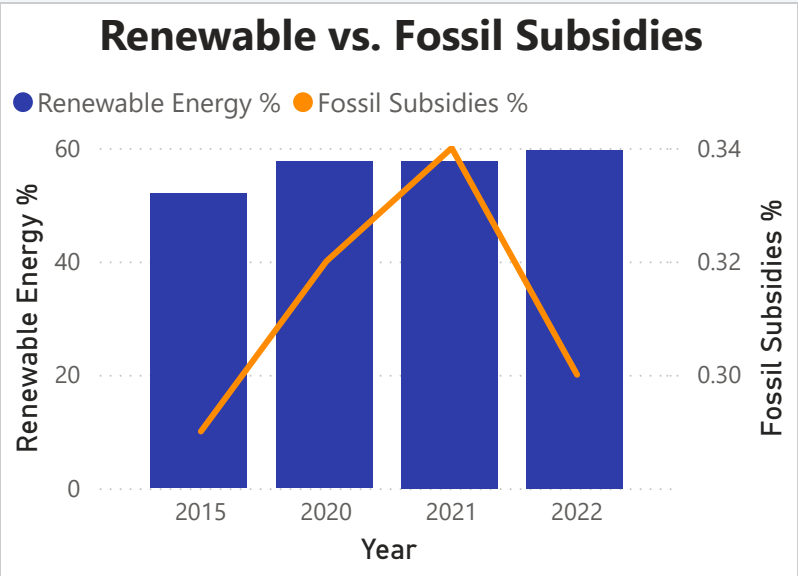
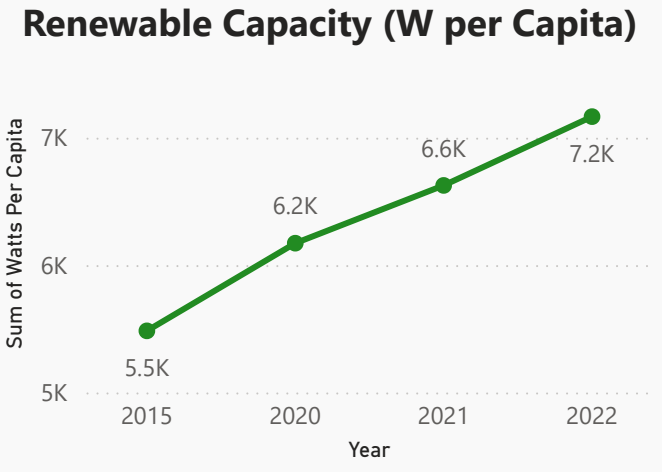


R&D capacity rose to 8,624 per million in 2022.

Researchers (per million people)



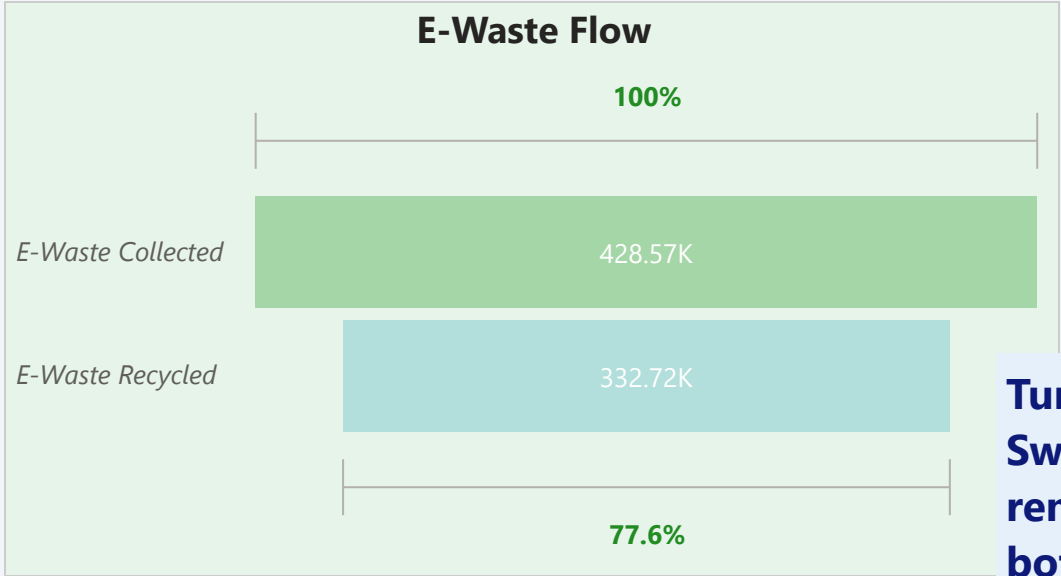
Per-capita capacity grew from 5,484W to 7,165W



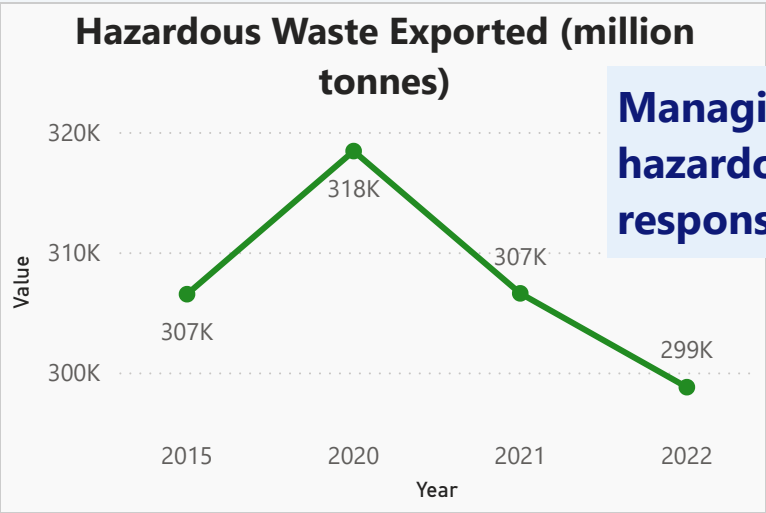
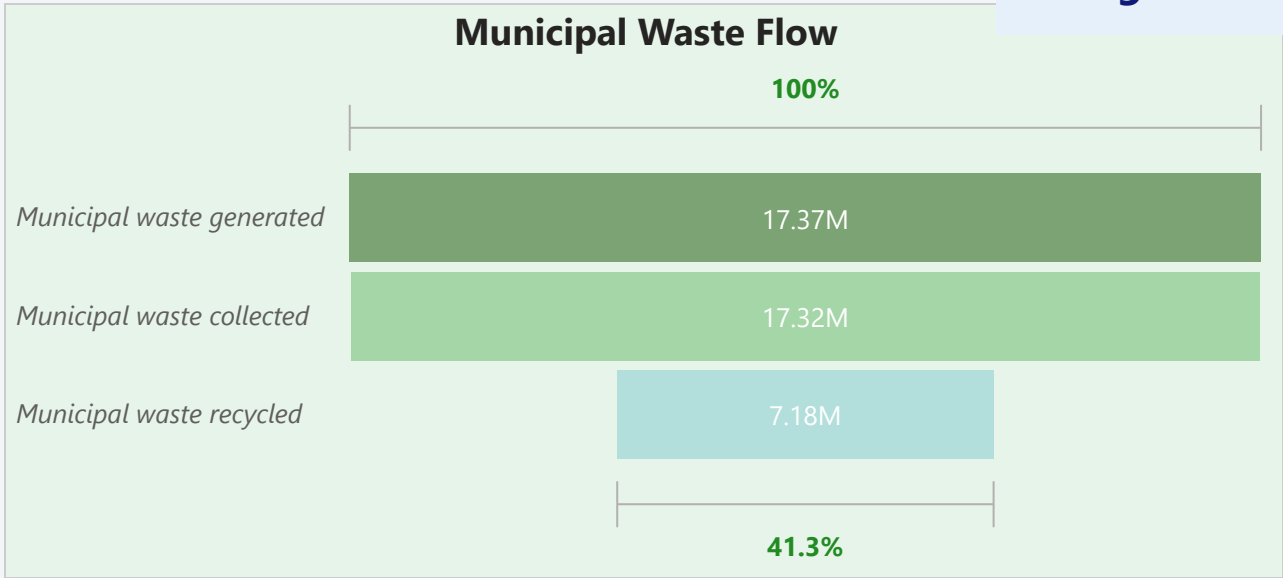
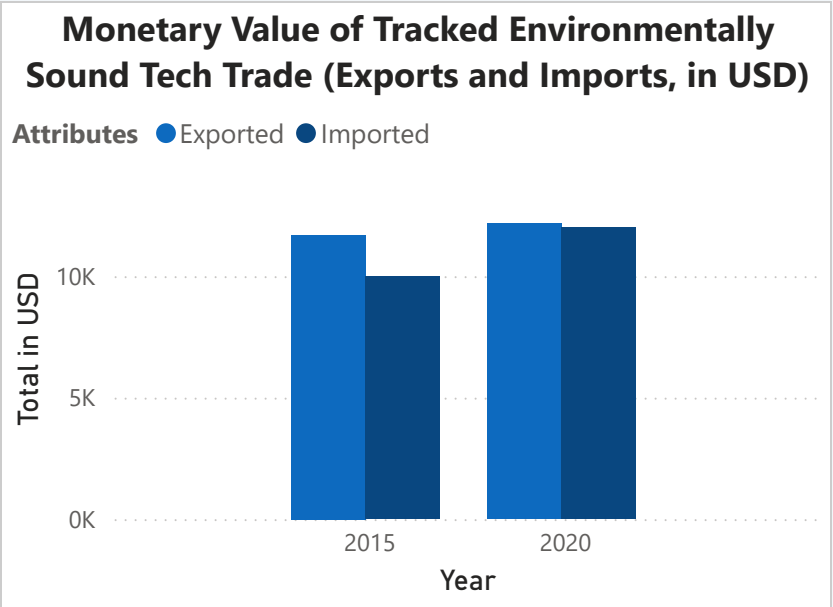
2021 subsidy spike contrasts Sweden's steady renewable rise, short-term shock vs. long-term shift

# Circularity & Environmental Impact

From 2015 to 2020, Sweden saw a steady increase in the trade of eco-friendly technologies , a reflection of its global commitment to sustainability



Turning Waste into Worth: Sweden demonstrates remarkable efficiency in both municipal and e-waste management



Managing hazardous waste responsibly

# Resilience and Climate Risk

Injuries surged;  
fatalities  
remained low

22K

Deaths due to disaster

3M

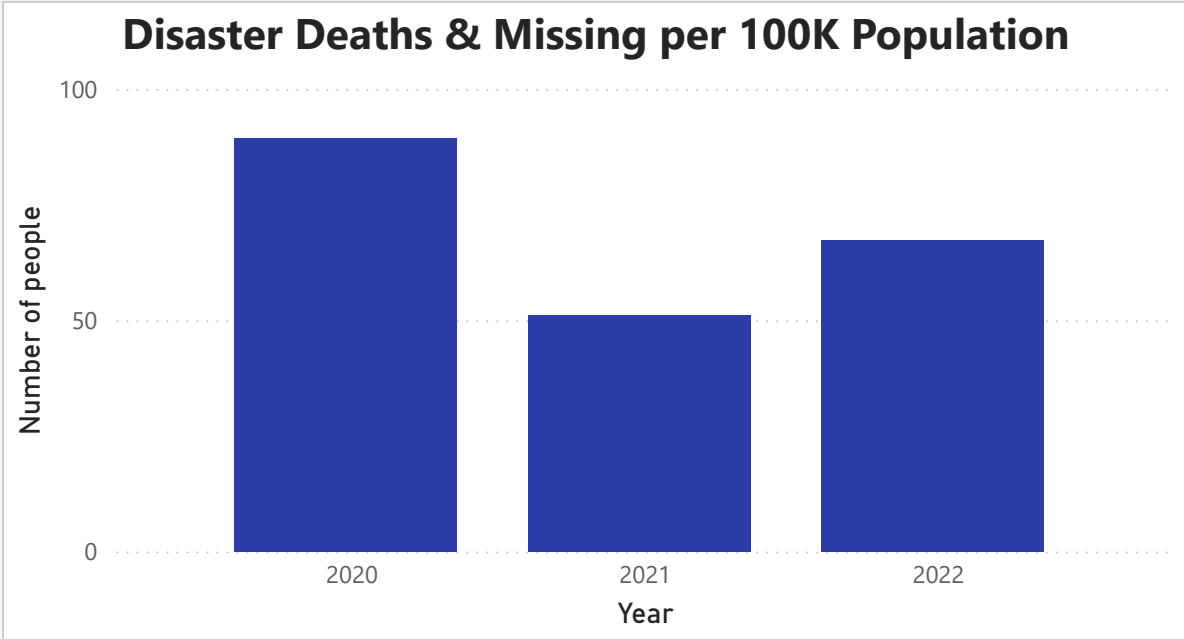
Injured/ Ill people due to disaster

But...

Individual  
Risk  
Declined

Impact Grew, disaster-affected  
population jumped to 1.35M in 2022

Death Attributes	2015	2020	2021	2022
Number of people affected by disaster (number)	0	454767	888566	1348636
Number of deaths due to disaster (number)	0	9265	5319	7055
Total	0	464032	893885	1355691



# Policy Based Insights

Disaster-affected populations surged to 1.35M (2022), yet fatalities stayed low, showcasing adaptive capacity but rising vulnerability.

With the Corporate Sustainability Surge, Sustainability reporting grew 417% (2015–2022), reflecting strong private-sector alignment with national climate goals.

Only 41.3% of municipal waste is recycled despite near-total collection (17.32M/17.37M tonnes), highlighting inefficiencies in sorting, reuse, or public participation.

Around 80% of e-waste (382.72K tonnes) is recycled, a global benchmark for circular economy innovation.

With rising researchers per million every year, Sweden's tech edge supports its renewable and circular economy transitions.

Despite a 2021 fossil subsidy spike, renewables dominate long-term energy policy (59.7% share), suggesting political balancing acts between short-term crises and green transition commitments