

# Policies and Measures for Households at the Federal and Cantonal Level

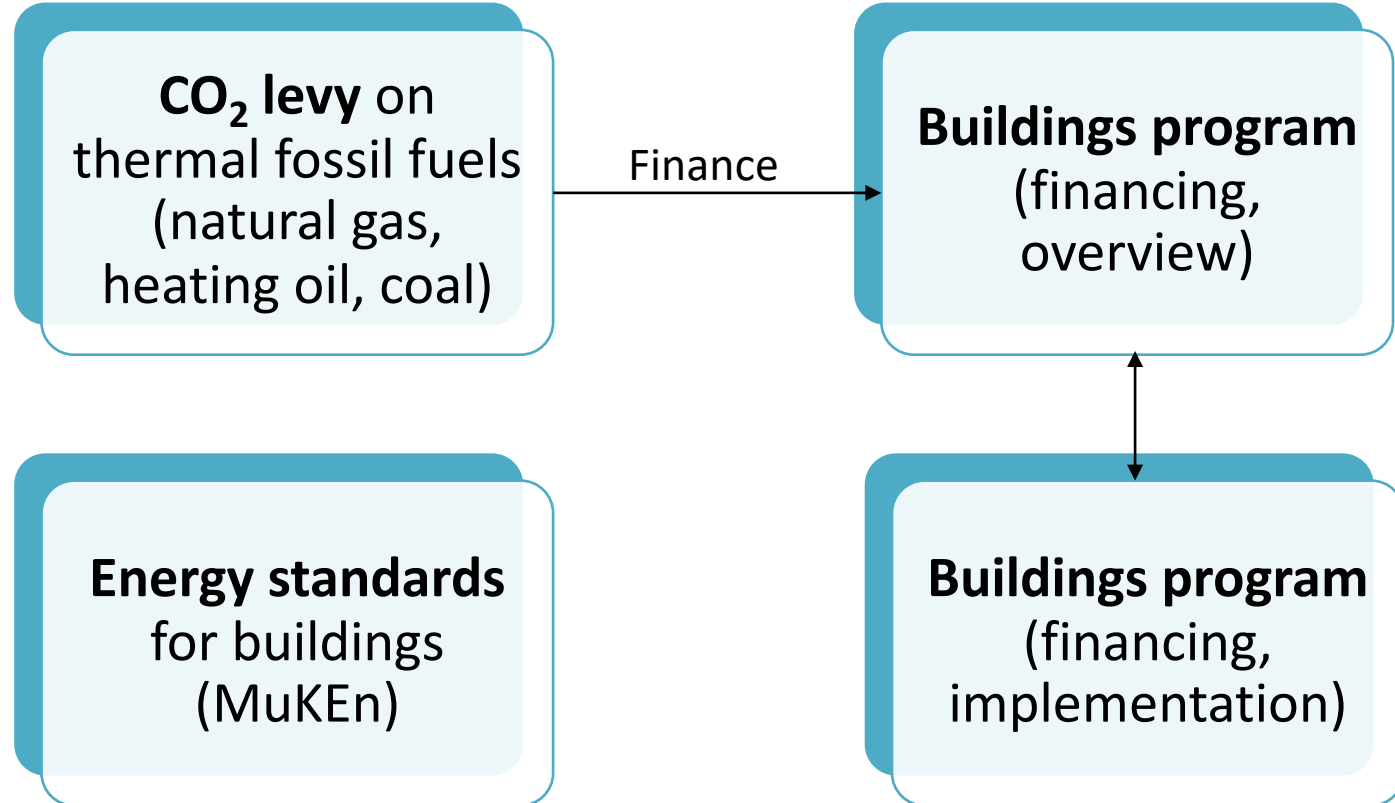
**CoSi: ODYSSEE-MURE-CEIS Workshop, 8 May 2024**

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# Overview

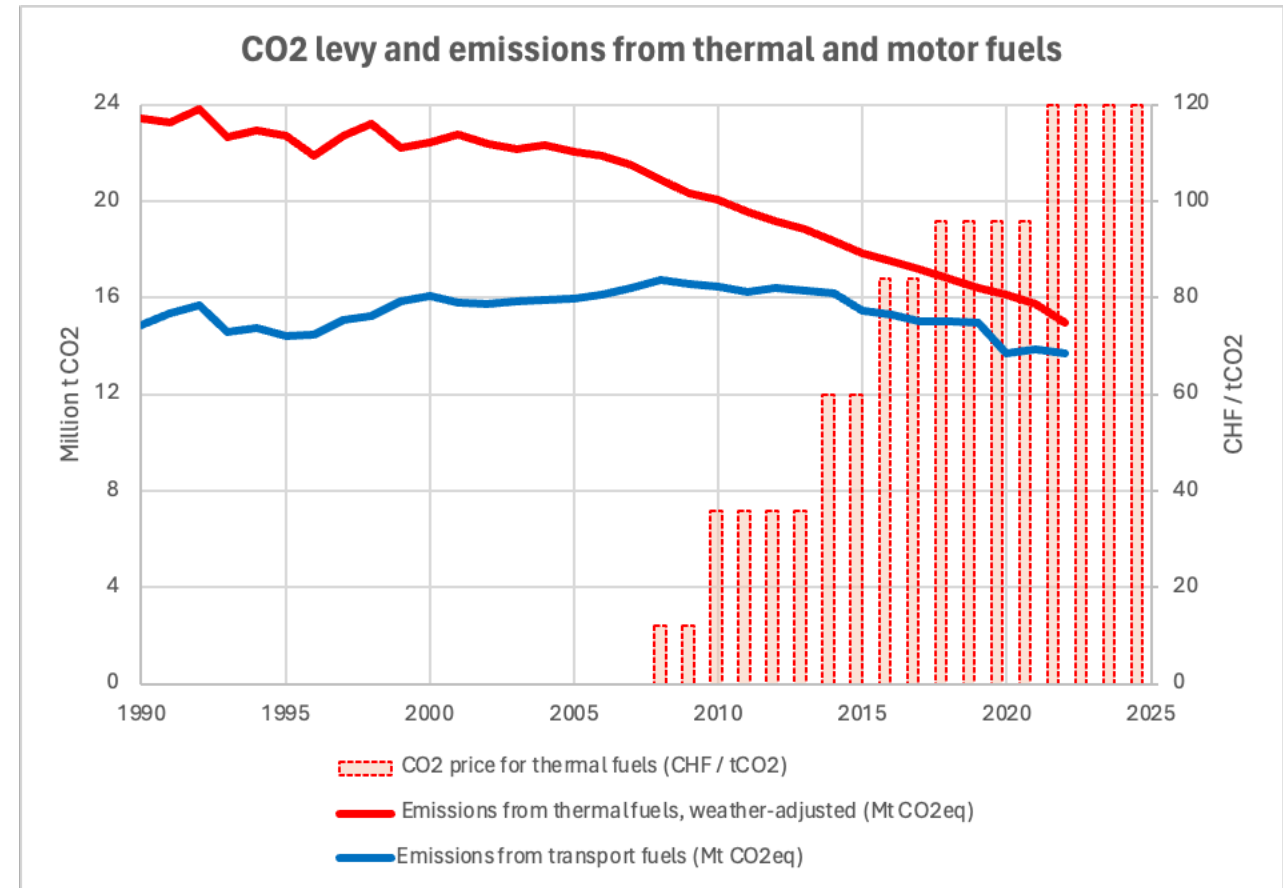
## Federal level:



## Cantonal level:

# CO<sub>2</sub> Levy on Thermal Fossil Fuels

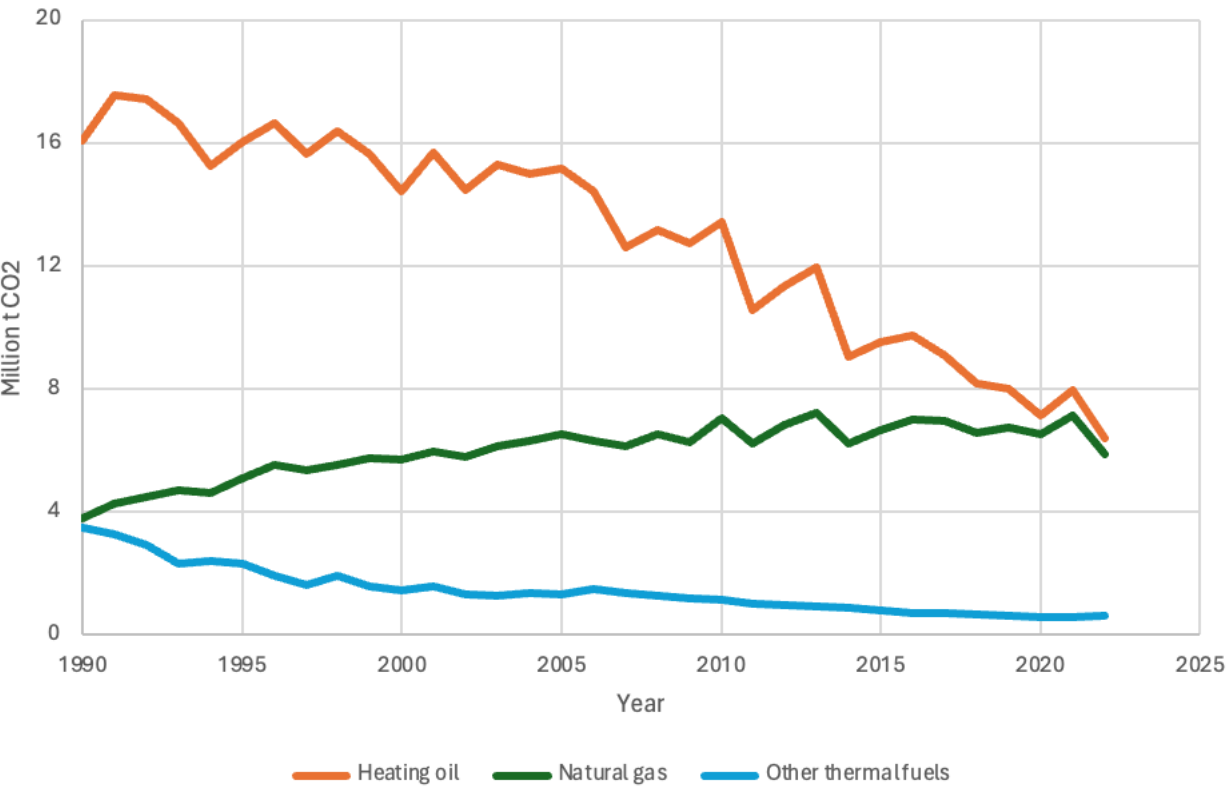
- Introduced 2008
- Taxes **thermal** fuels (heating oil, natural gas)
- Tax level increased periodically, now fixed at **120 CHF/tCO<sub>2</sub>**
- **Revenue** redistributed:
  - 2/3 to population and industry
  - 1/3 for buildings program



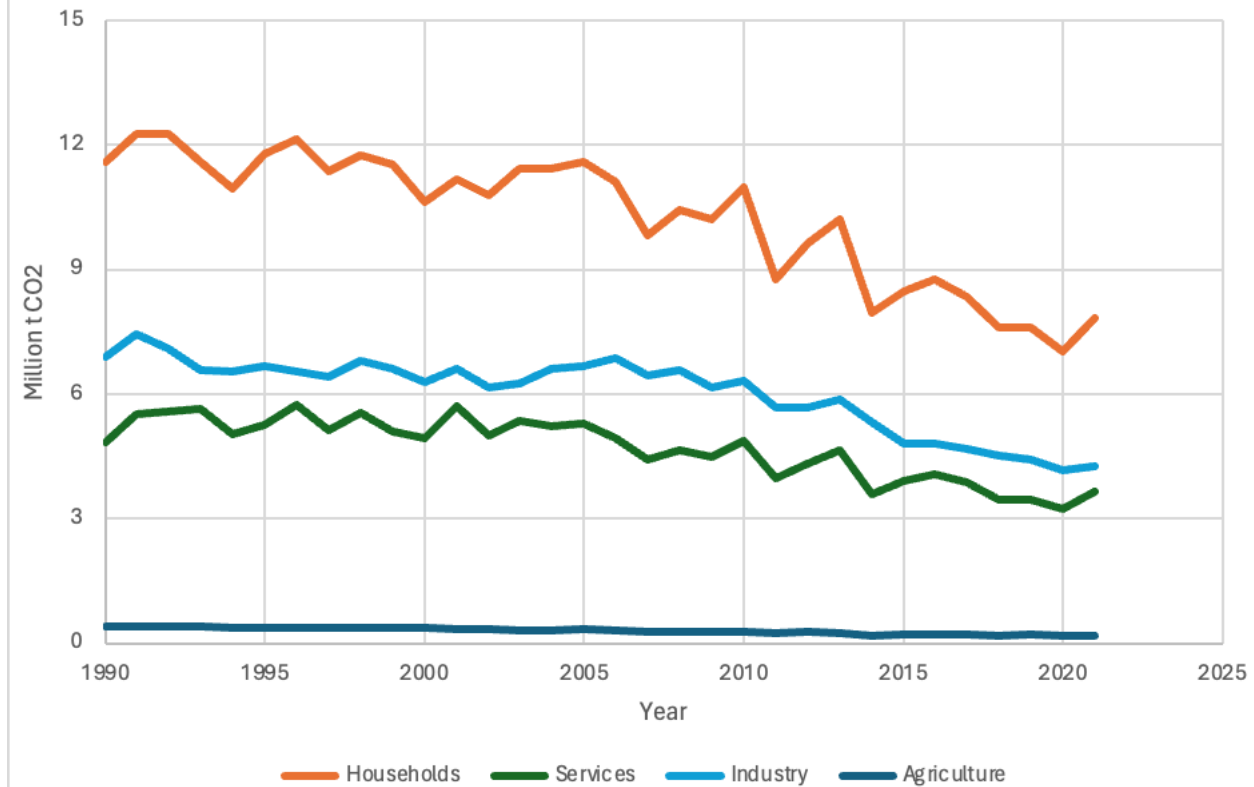
Source: Own graphic based on information from CO<sub>2</sub>-Ordinance and data from FOEN 2023a, 2024.

# CO<sub>2</sub> Levy: Emissions by Fuel Type and Sector

CO2 emissions from thermal fuels, by type of fuel



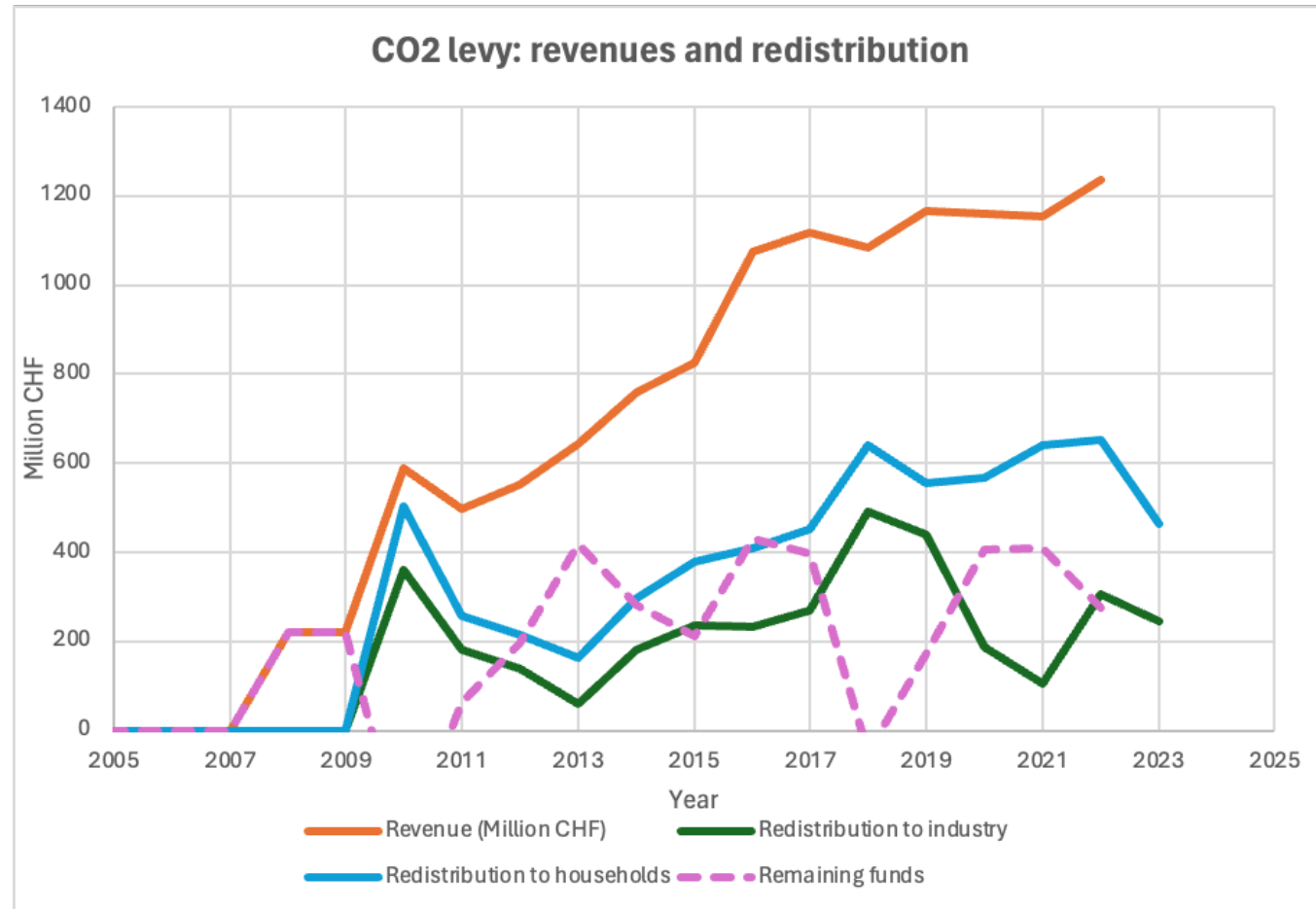
CO2 emissions from thermal fuels, by sector



Source: Own graphic based on data from FOEN 2023a.

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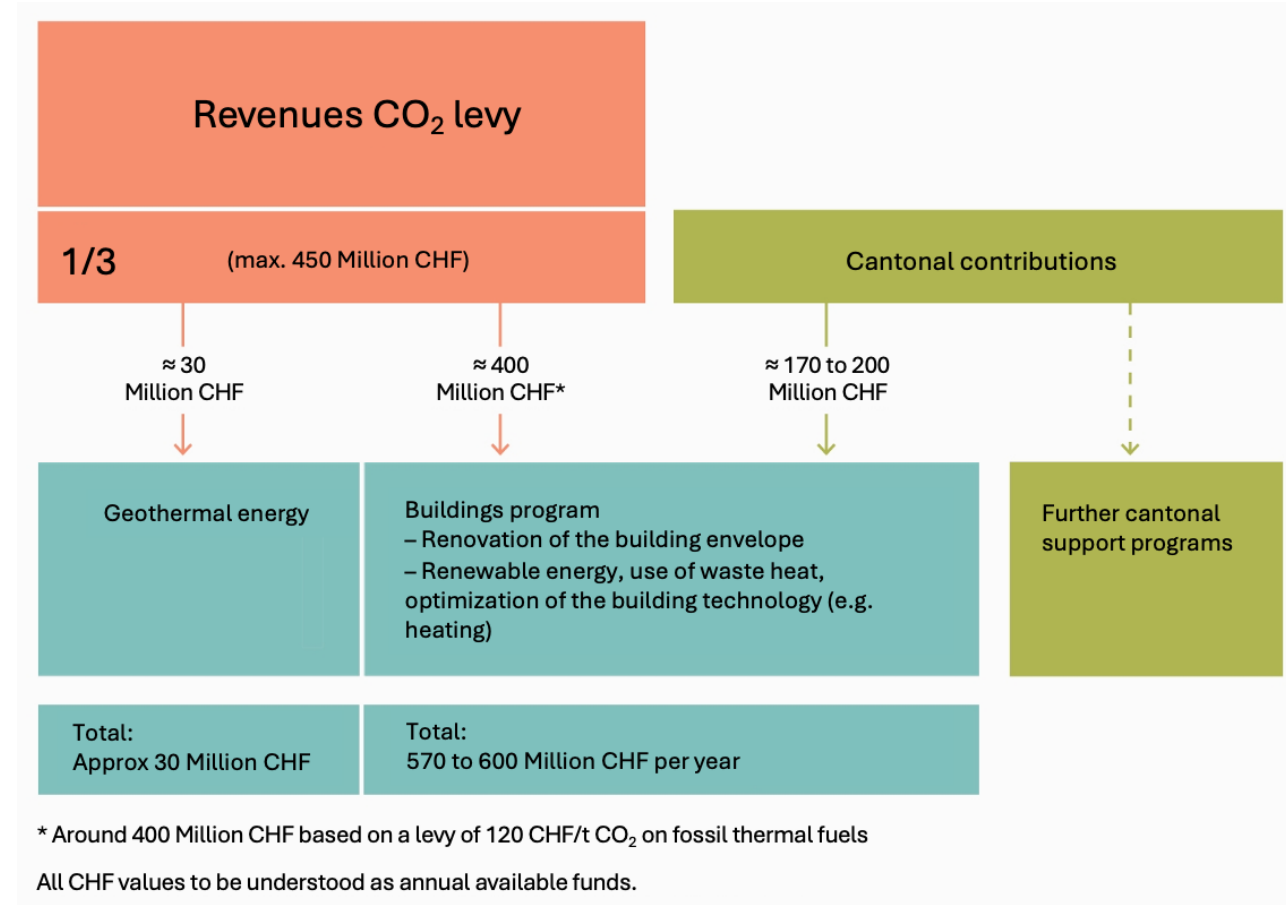
# CO<sub>2</sub> Levy: Revenues and Redistribution



Source: Own graphic based on data from FOEN 2023b.

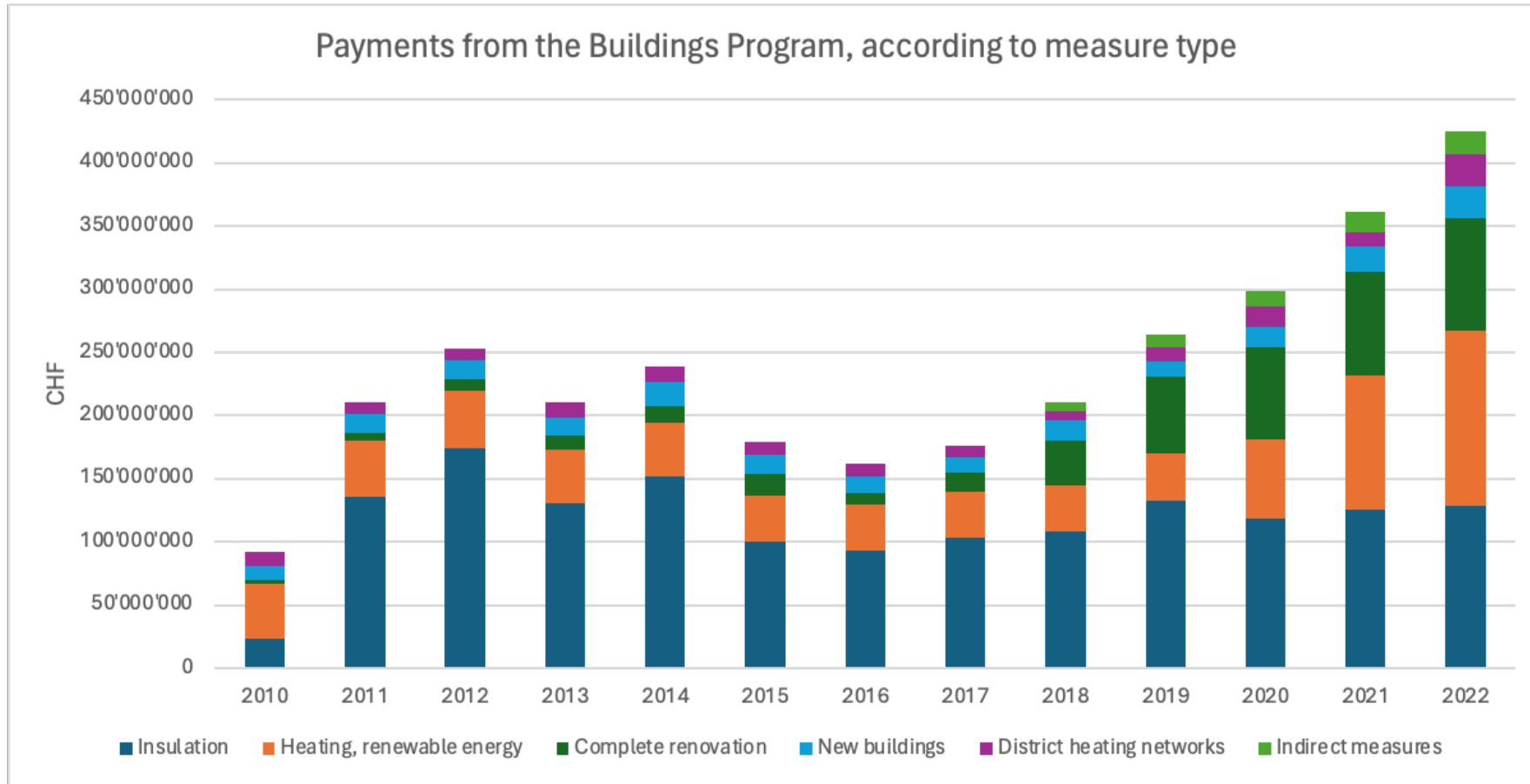
# Buildings Program: Overview

- Started in 2010
- Financed partly from the revenues of the CO<sub>2</sub> levy, and partly from cantonal budgets
- Subsidizes measures to increase energy efficiency or install renewable energy in buildings



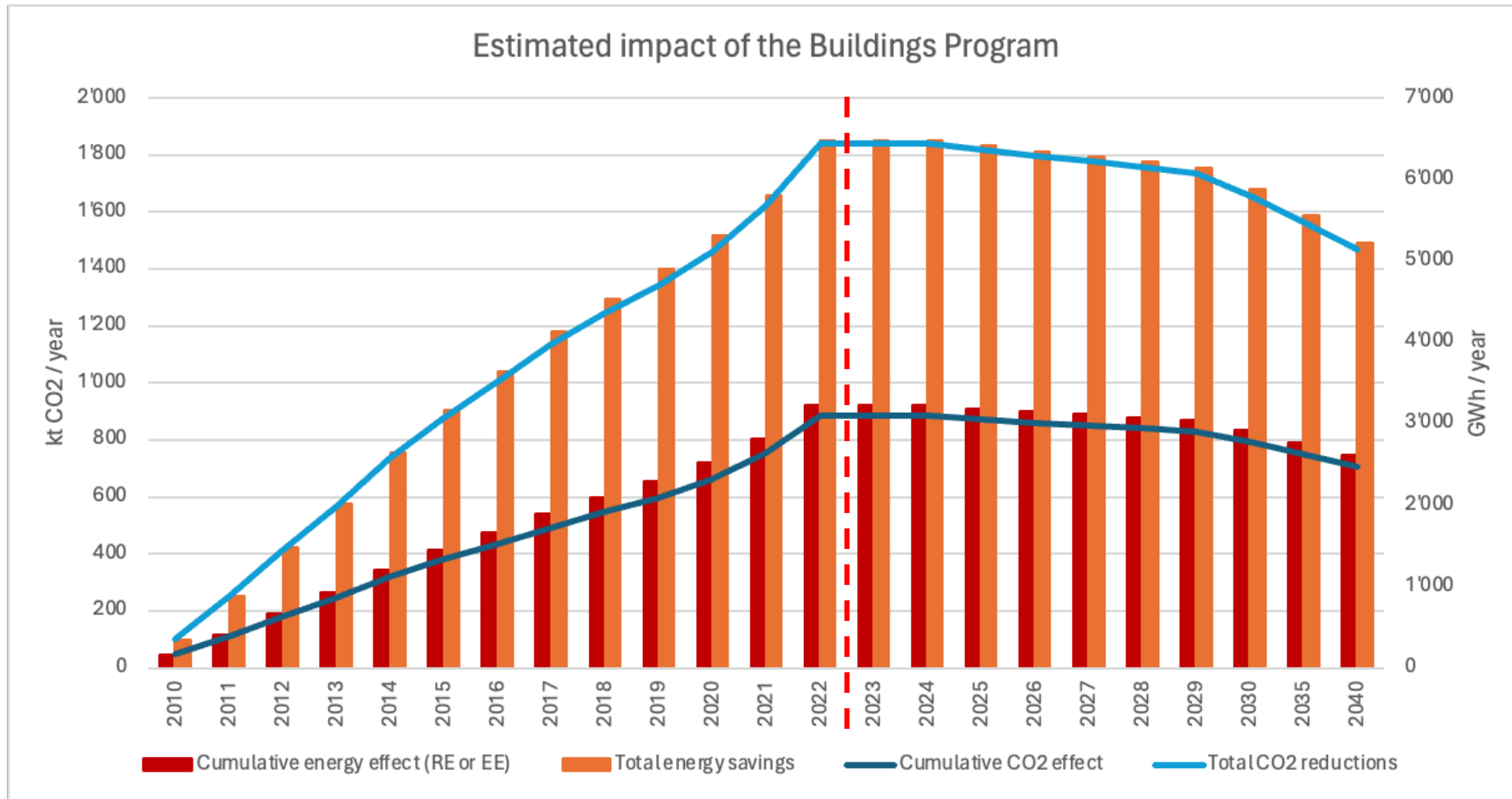
Source: Das Gebäudeprogramm n.d.

# Buildings Program: Payments



Source: Own graphic based on data from Das Gebäudeprogramm 2023.

# Buildings Program: Energy and CO<sub>2</sub> impact



Source: Own graphic based on data from Das Gebäudeprogramm 2023.

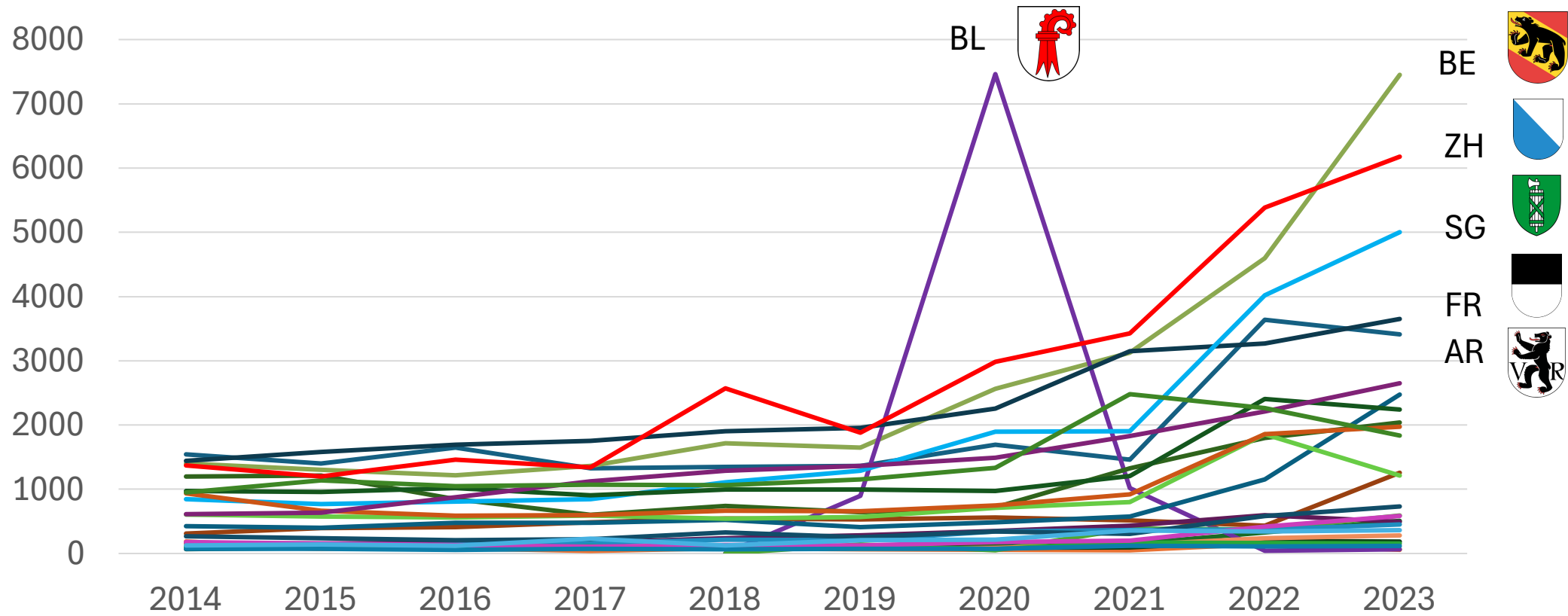


# Cantonal level energy regulation

**MuKen2014:** Model provisions for the harmonization of cantonal energy regulations.

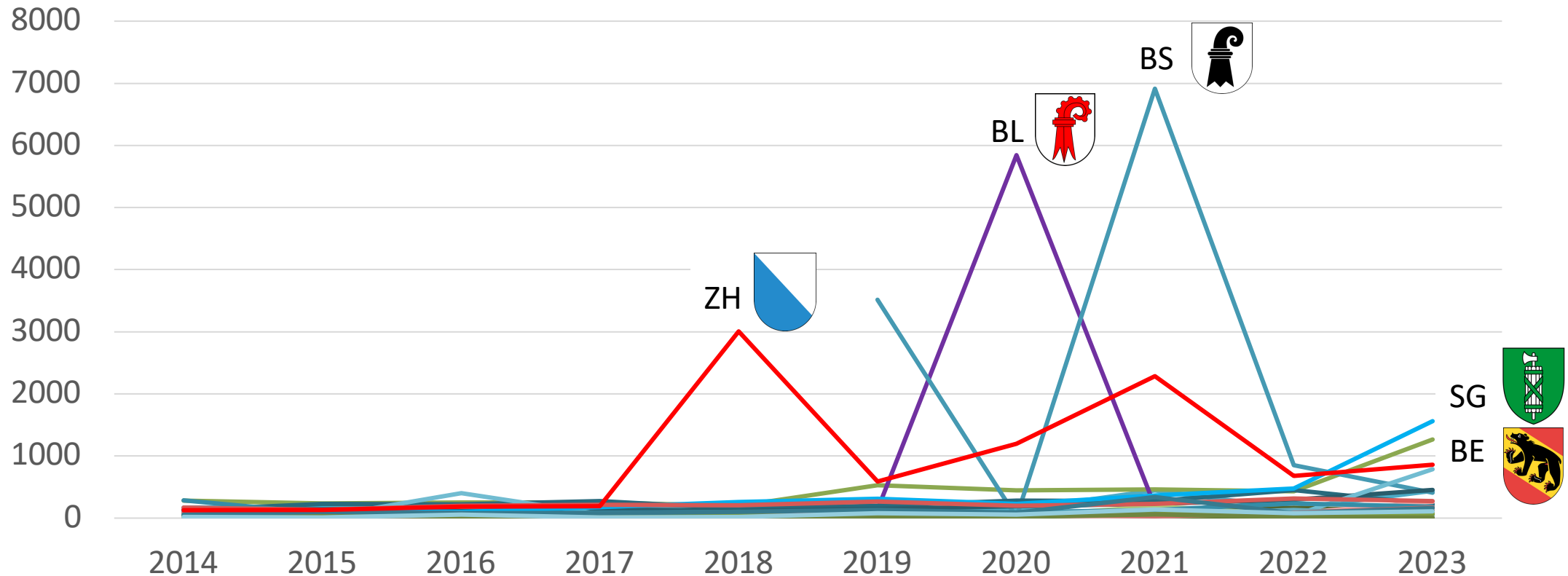


# Cantons: Installation of heat pumps



Own graphic based on buildings registry (2023)

# Cantons: Uptake of district heating



Own graphic based on buildings registry (2023)

# References

Das Gebäudeprogramm (n.d.): Finanziert durch CO<sub>2</sub>-Abgabe und Kantone. <https://www.dasgebaeudeprogramm.ch/de/das-gebaeudeprogramm/grundlagen-und-finanzierung/>

Das Gebäudeprogramm (2023): Tabellensammlung zum Gebäudeprogramm, Berichtsjahr 2022. <https://www.dasgebaeudeprogramm.ch/de/publikationen-und-fotos/jahresberichte/>

Federal Council (2024): Ordinance on the Reduction of CO<sub>2</sub> Emissions, Art. 94 (version from 01. January 2024) (641.711). <https://www.fedlex.admin.ch/eli/cc/2012/856/de>

Federal Office for the Environment (2023a): Emissionen von Treibhausgasen nach CO<sub>2</sub>-Gesetz und Übereinkommen von Paris. Letzte Aktualisierung: Juli 2023. <https://www.bafu.admin.ch/bafu/de/home/themen/klima/zustand/daten/co2-statistik.html> (Accessed: 13 March 2024)

Federal Office for the Environment (2023b): Rückverteilung der CO<sub>2</sub>-Abgabe: von der Einführung bis heute, Faktenblatt, 23.11.2023. <https://www.bafu.admin.ch/bafu/de/home/themen/klima/fachinformationen/verminderungsmassnahmen/co2-abgabe/rueckverteilung.html> (Accessed: 13 March 2024)

Federal Office for the Environment (2024): Kenngrößen zur Entwicklung der Treibhausgasemissionen in der Schweiz 1990–2022. Bern, Switzerland: April 2024. [https://www.bafu.admin.ch/dam/bafu/de/dokumente/klima/fachinfo-daten/kenngraessen\\_thg\\_emissionen\\_schweiz.pdf.download.pdf/Kenngraessen\\_2024\\_DE.pdf](https://www.bafu.admin.ch/dam/bafu/de/dokumente/klima/fachinfo-daten/kenngraessen_thg_emissionen_schweiz.pdf.download.pdf/Kenngraessen_2024_DE.pdf)