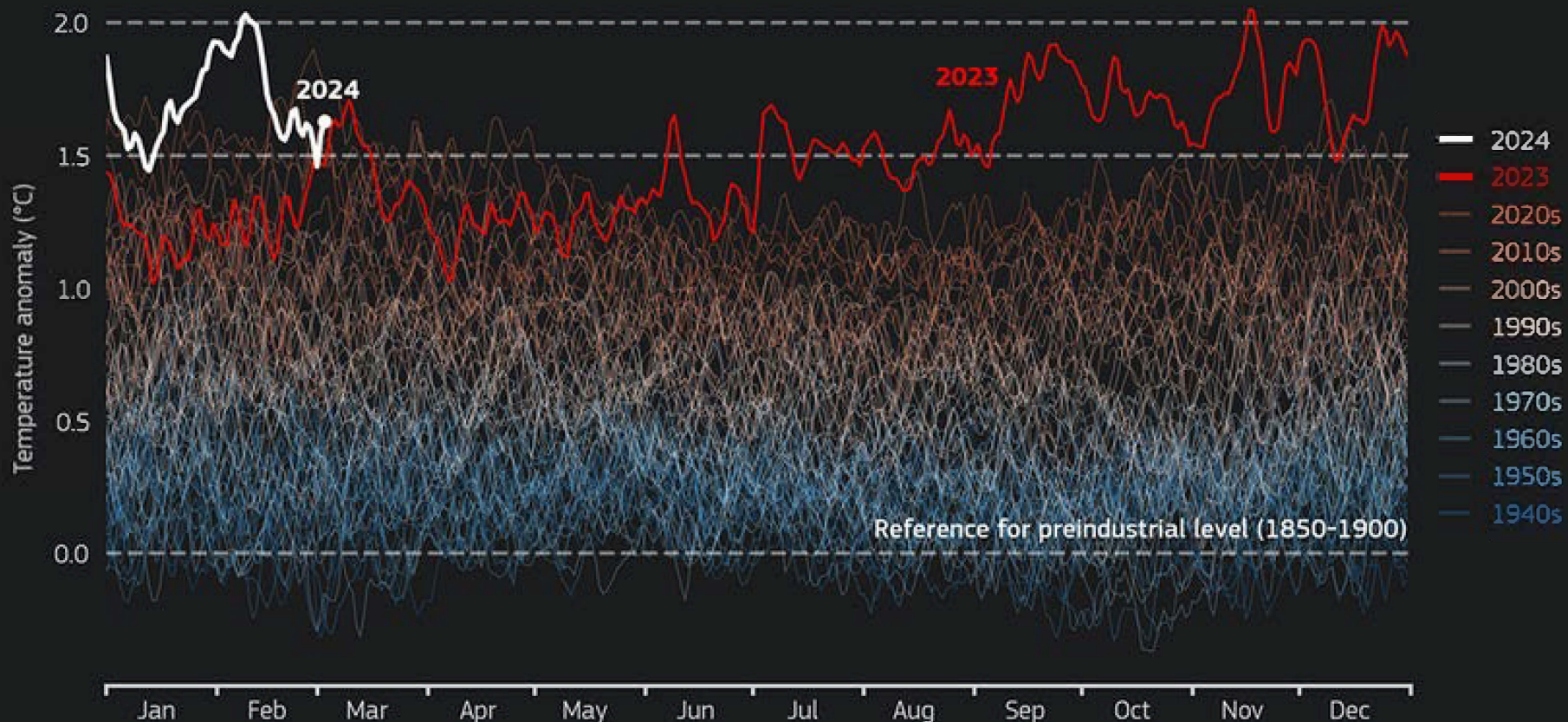


Daily global surface air temperature anomalies

Data: ERA5 1940-2024 • Reference period: 1850-1900 • Credit: C3S/ECMWF



PROGRAMME OF THE
EUROPEAN UNION



IMPLEMENTED BY
ECMWF

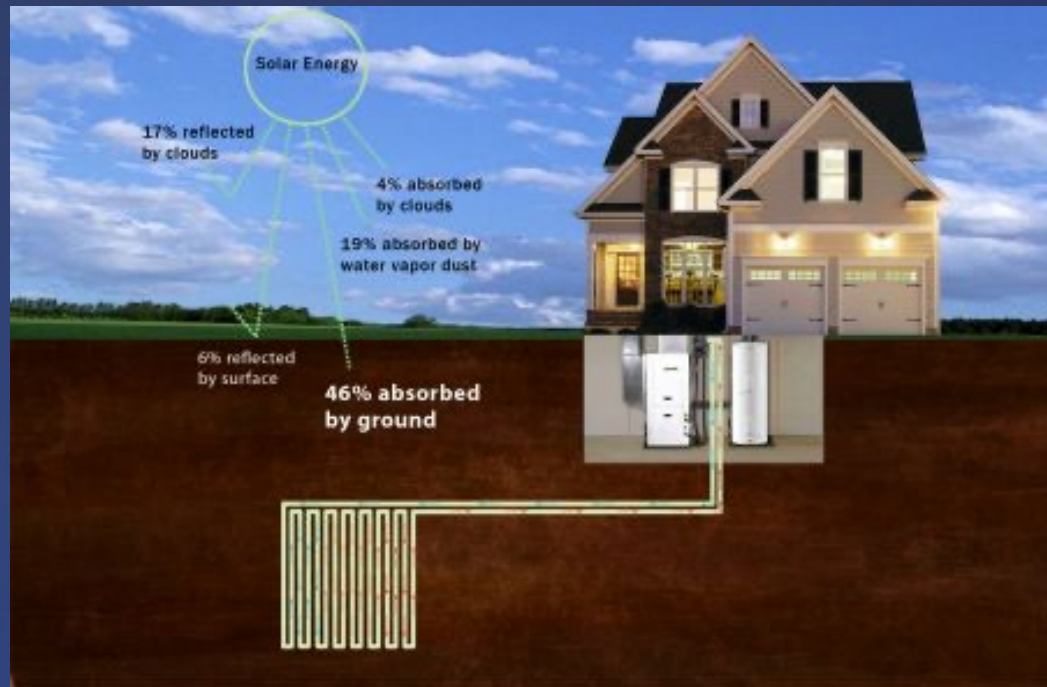




“In the category of greenhouse gases, Canada ranks 32nd for carbon intensity (CO₂ emissions per unit of GDP) and 30th for its ability to reduce its carbon intensity over a decade.”

***Environmental Ranking for Canada and the OECD,
3rd Edition***

A ranking of 34 high-income countries – *Published on April 20, 2023*



~ ground-sourced heat exchange will heat and cool a home,
can also provide hot water
~ is 4x as efficient as a furnace

~ A geothermal system for a 2000 sq. ft. home costs
approximately \$25,000 to install, in exchange for a monthly
saving of about 50% on your heating bill.

Many Ontario companies install geothermal systems,
operating them as utilities:

Diverso Energy
Subterra Renewables
Enwave
GeoSource
Noventa



~ Toronto: Enwave Deep Lake Water Cooling reduced energy consumption by 80%, emissions by 93%

~ Federation of Canadian Municipalities has a \$5 billion fund for district energy projects

“We fund business case studies, feasibility studies and capital projects... to assess and deploy a variety of district and renewable energy systems.”

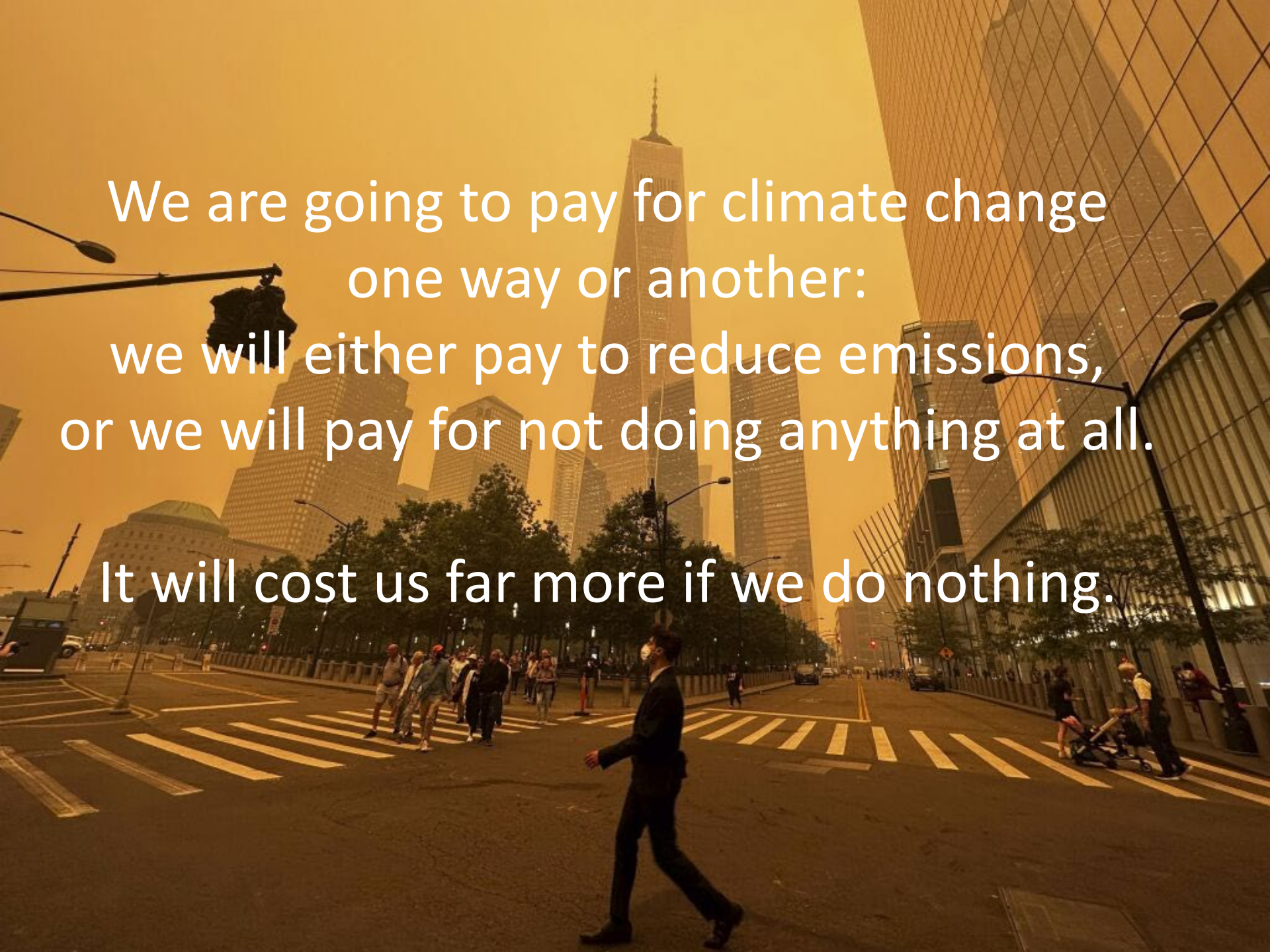
<https://greenmunicipalfund.ca/community-energy-systems>

~ will provide a combined grant and loan for up to 80% of eligible costs, to a maximum of \$10 million.

Grant up to 15%** of project costs.

<https://greenmunicipalfund.ca/funding/capital-project-community-energy-systems>





We are going to pay for climate change
one way or another:
we will either pay to reduce emissions,
or we will pay for not doing anything at all.
It will cost us far more if we do nothing.