

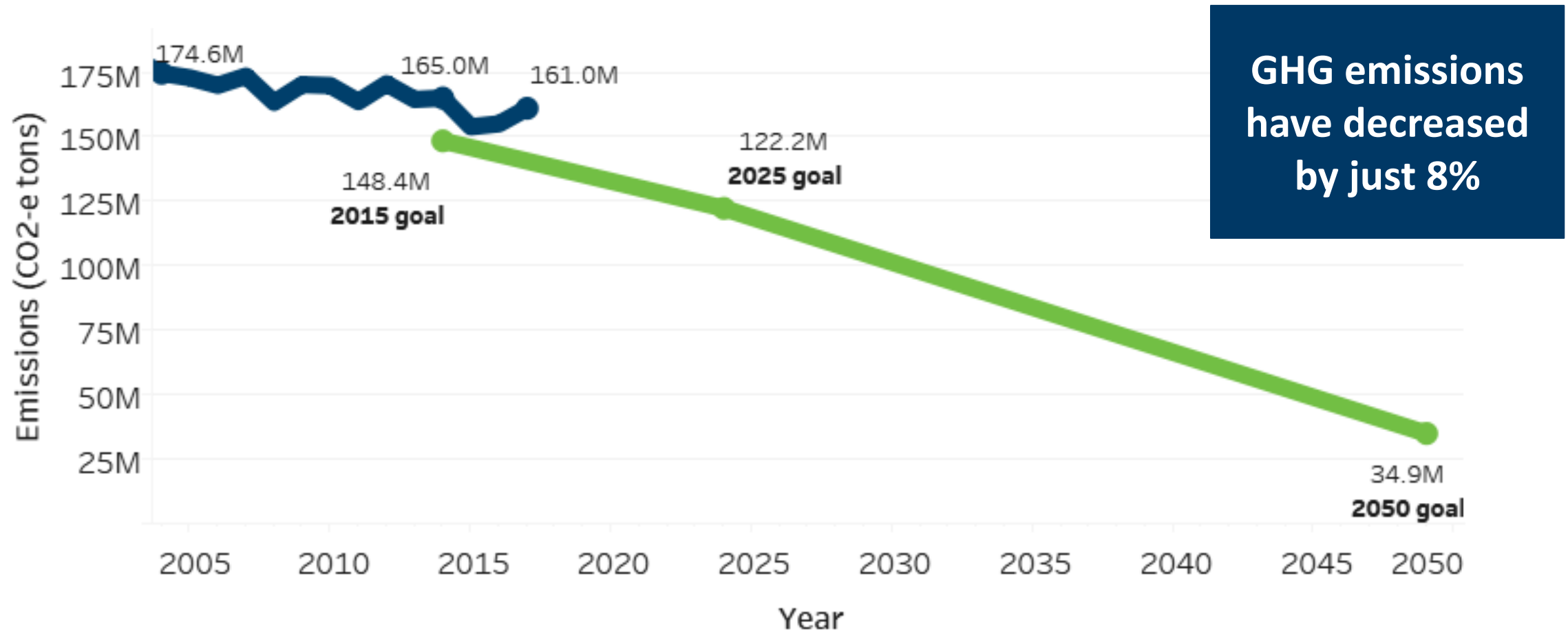


Greenhouse gas emissions in Minnesota

Frank Kohlasch | Climate Director

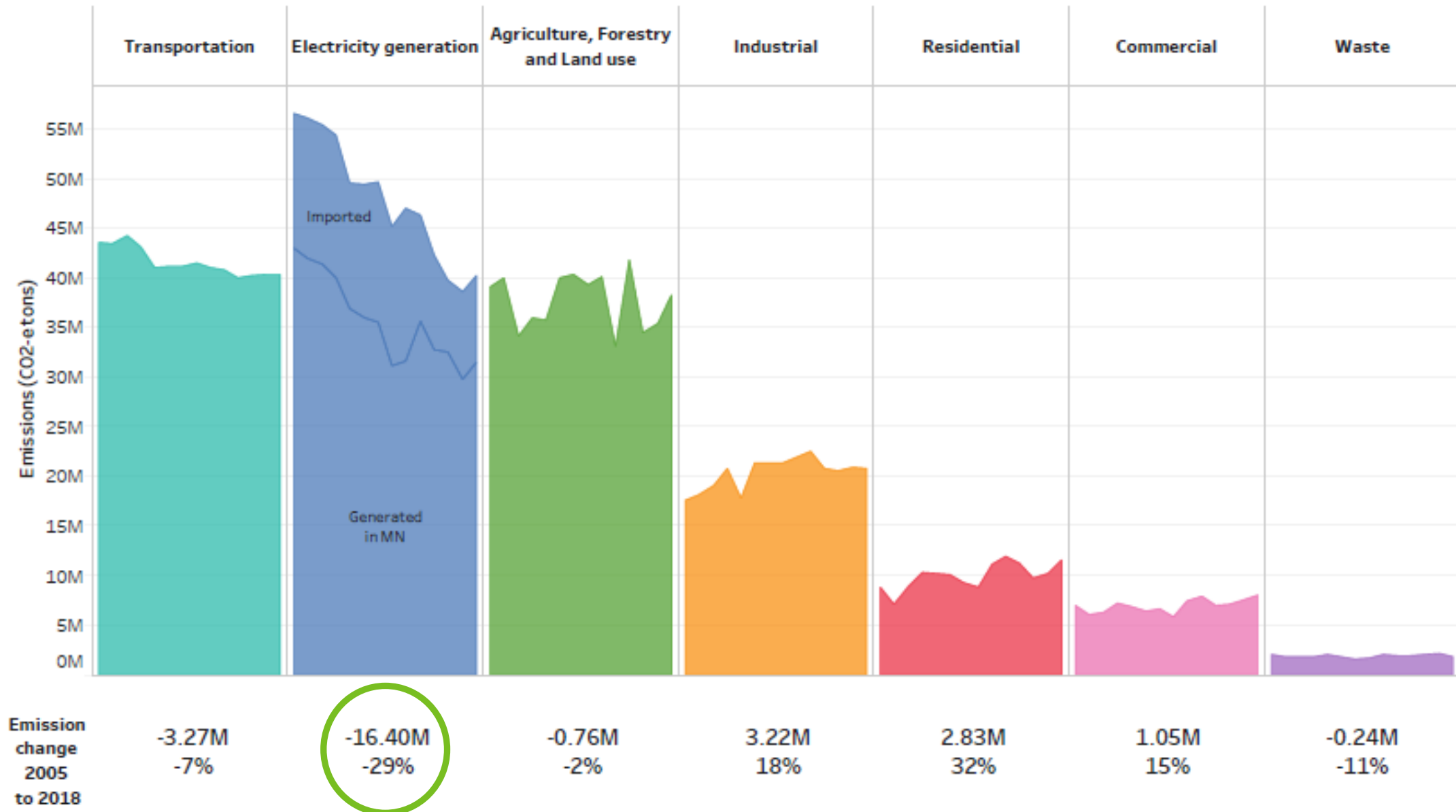
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Minnesota is not on track to meet its goals



Minnesota's actual GHG emissions, compared to the Next Generation Energy Act goals

Greenhouse gas emissions by sector



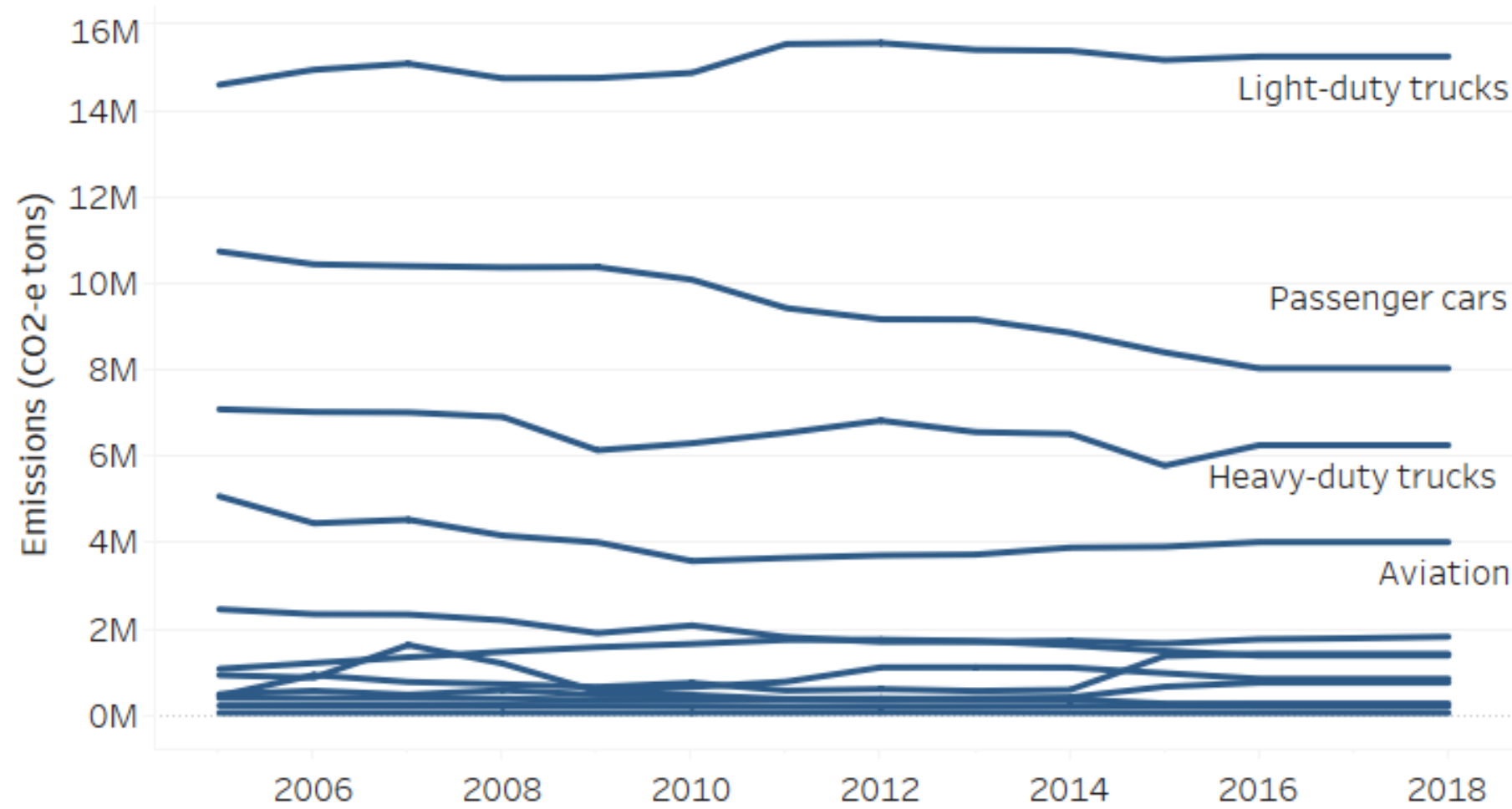
Transportation

- Largest source of emissions
- Most in need of swift action
- Light-and medium-duty vehicles make up **more than half** of all transportation emissions



Transportation emissions

Trends in sources of emissions





Transportation

↓ 7

GHG emissions, 2005 - 2018

Action needed:

- Implement clean car standards
- Invest in cleaner fuels
- Expand Minnesota's EV charging network

A photograph of a wind farm at sunset. Several large white wind turbines are scattered across a vast, flat landscape covered in low-lying green vegetation. A dirt road winds through the field in the foreground. The sky is a warm, golden yellow, and the sun is a bright, glowing orb in the upper left corner, creating a lens flare effect.

Electricity generation

↓ 29% GHG emissions, 2005 - 2018

Action needed:

- Adopt 100% Clean Energy by 2040 standard
- Prioritize clean energy first
- Help Minnesota households and businesses increase energy efficiency



Agriculture, forestry, land use

↓ 2% GHG emissions, 2005 - 2018

Action needed:

- Help farmers implement climate-smart practices, including cover crops
- Protect Minnesota landscapes after major precipitation events
- Increase tree cover



Industrial, residential, and commercial

↑ 21% GHG emissions, 2005 - 2018

Action needed:

- Adopt carbon reduction goals for existing buildings
- Develop more energy-efficient commercial and large multifamily buildings

One Minnesota Climate Vision

Climate change is an existential threat that impacts all Minnesotans.

Establish and accelerate policies that put Minnesota on track to meet or exceed our greenhouse gas goals and achieve greater resiliency in the face of climate change.

Our path forward

- Expand our engagement with Minnesotans to identify ways to reduce our emission and address the existential crisis presented by climate change
- Leverage the work of multiple efforts to reduce emissions and build resiliency
 - Climate Change Subcabinet
 - Governor's Advisory Council on Climate Change
 - Governor's Council on Biofuels recommendations
 - Sustainable Transportation Advisory Council recommendations
 - Minnesota Climate Adaptation Partnership

What questions do you have?

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