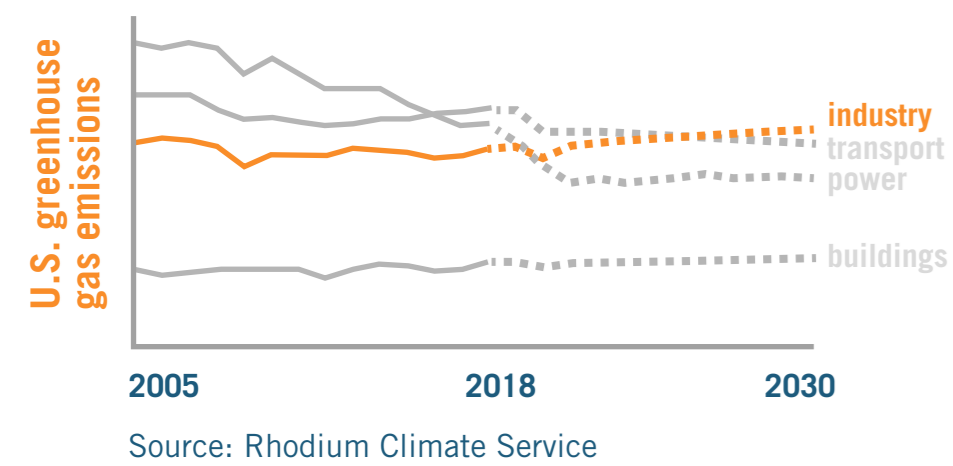


BUILD BACK CLEANER WITH INDUSTRIAL DEMONSTRATION PROJECTS

PROBLEM

Industry is expected to become the largest source of US greenhouse gas emissions within the next ten years.

There are few **cost-effective solutions** that will eliminate them.



SOLUTION

Invest at least \$5 billion over 5 years in **cost-shared projects** to demonstrate decarbonization solutions for industry.

Since 2009, there has been **no significant federal investment** in industrial decarbonization.

Cost sharing provides two benefits: Federal investment reduces risk for companies, while industry investment encourages faster adoption.

WHAT ARE DEMONSTRATION PROJECTS?

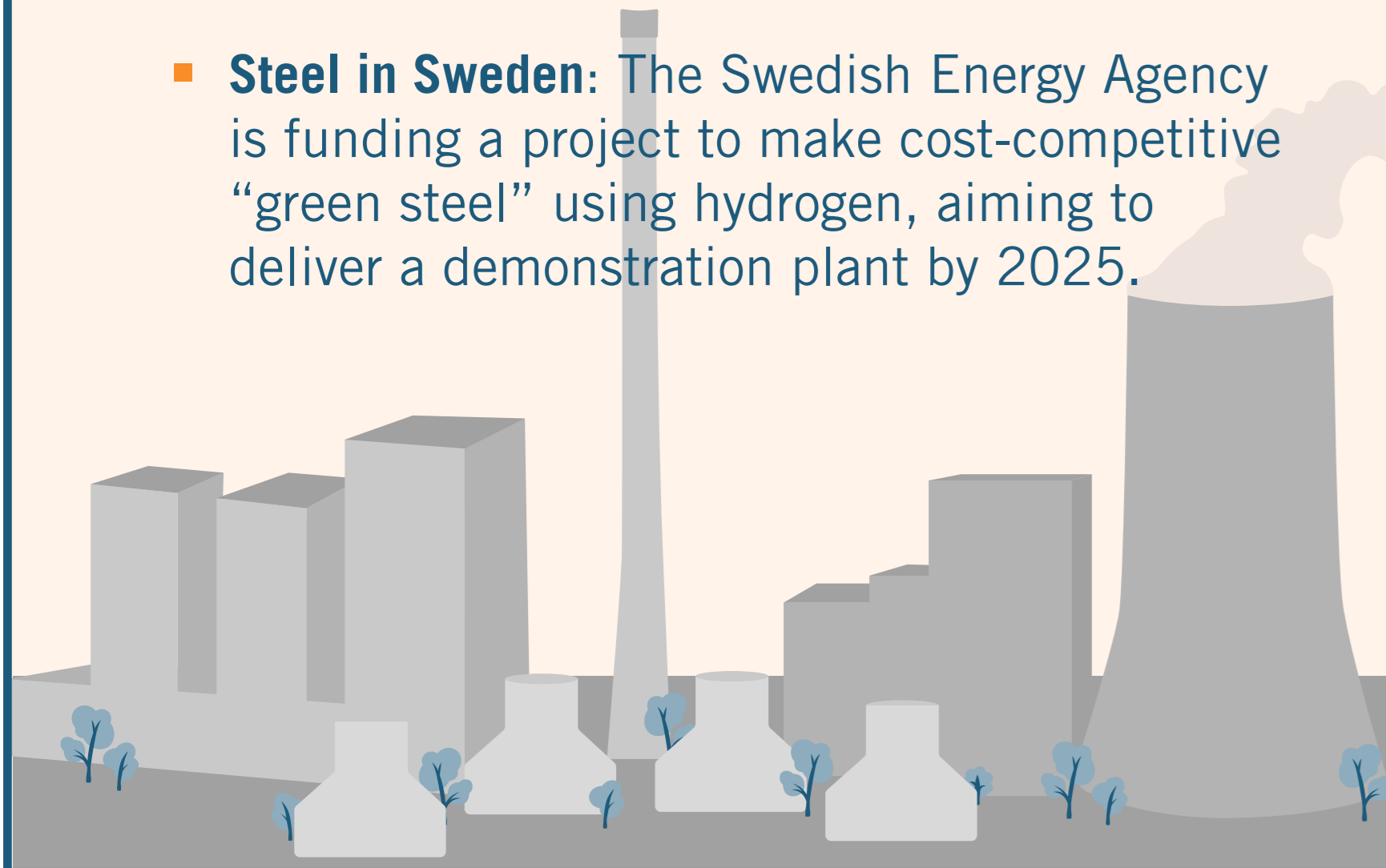
- **Basic research**
- **Demonstration projects**
 - provide cost and performance data under real-world conditions to show investors the technology works at a manageable cost
- **Early adoption by industry**

The United States is falling behind in industrial decarbonization.

To keep pace, the federal government should make significant investments in demonstration projects.

OVERSEAS EXAMPLE

- **Steel in Sweden:** The Swedish Energy Agency is funding a project to make cost-competitive “green steel” using hydrogen, aiming to deliver a demonstration plant by 2025.



HOW WOULD INDUSTRIAL DEMOS HELP THE UNITED STATES?

- Make U.S. vendors and producers competitive in the global race to find climate solutions for emission-intensive industries.
- Bring jobs and economic activity to the United States.
- Allow U.S. producers to reduce the green premium before international competitors do.

OVERSEAS EXAMPLE

- **Cement in Belgium:** The EU is funding a large-scale demonstration project to separate cement process emissions from combustion emissions, yielding a nearly pure stream of CO₂ to be captured.

