

REDUCING METHANE FROM OIL & GAS

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THESE DAYS, MORE OF US ARE
USING GAS IN OUR DAILY LIVES:¹



heating



electricity



cooking

AND THOUGH PEOPLE EXPECT GAS TO BE THERE
WHEN THEY WANT TO USE IT, WE SHOULD
KNOW THERE ARE REAL DOWNSIDES TO
PRODUCING GAS.

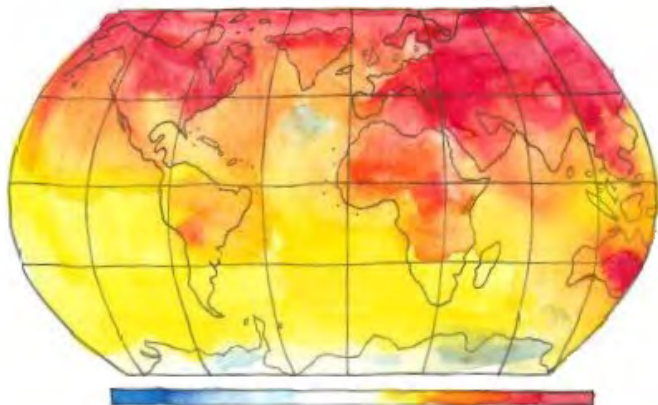


THE OIL & GAS PRODUCTION PROCESS LEADS TO
HARMFUL LEAKS OF METHANE AND DANGEROUS
CHEMICALS. OIL & GAS PRODUCTION IS BOOMING IN THE
U.S., AND PRODUCTION...



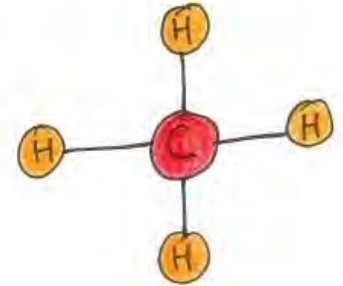
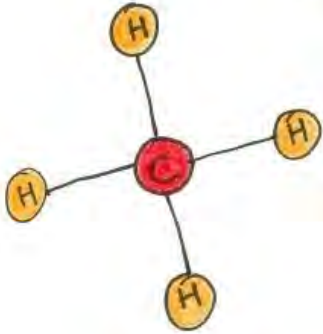
damages public health

costs communities²

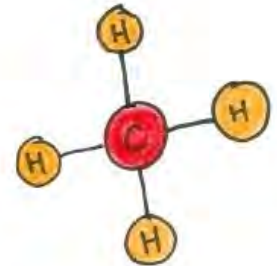
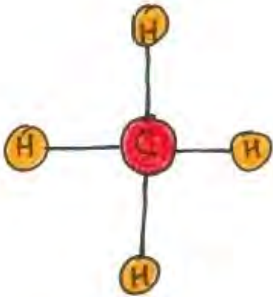


and contributes to
climate change —
in a big way.³

METHANE, OR CH_4 , IS A POWERFUL
GREENHOUSE GAS... A
SUPER POLLUTANT.

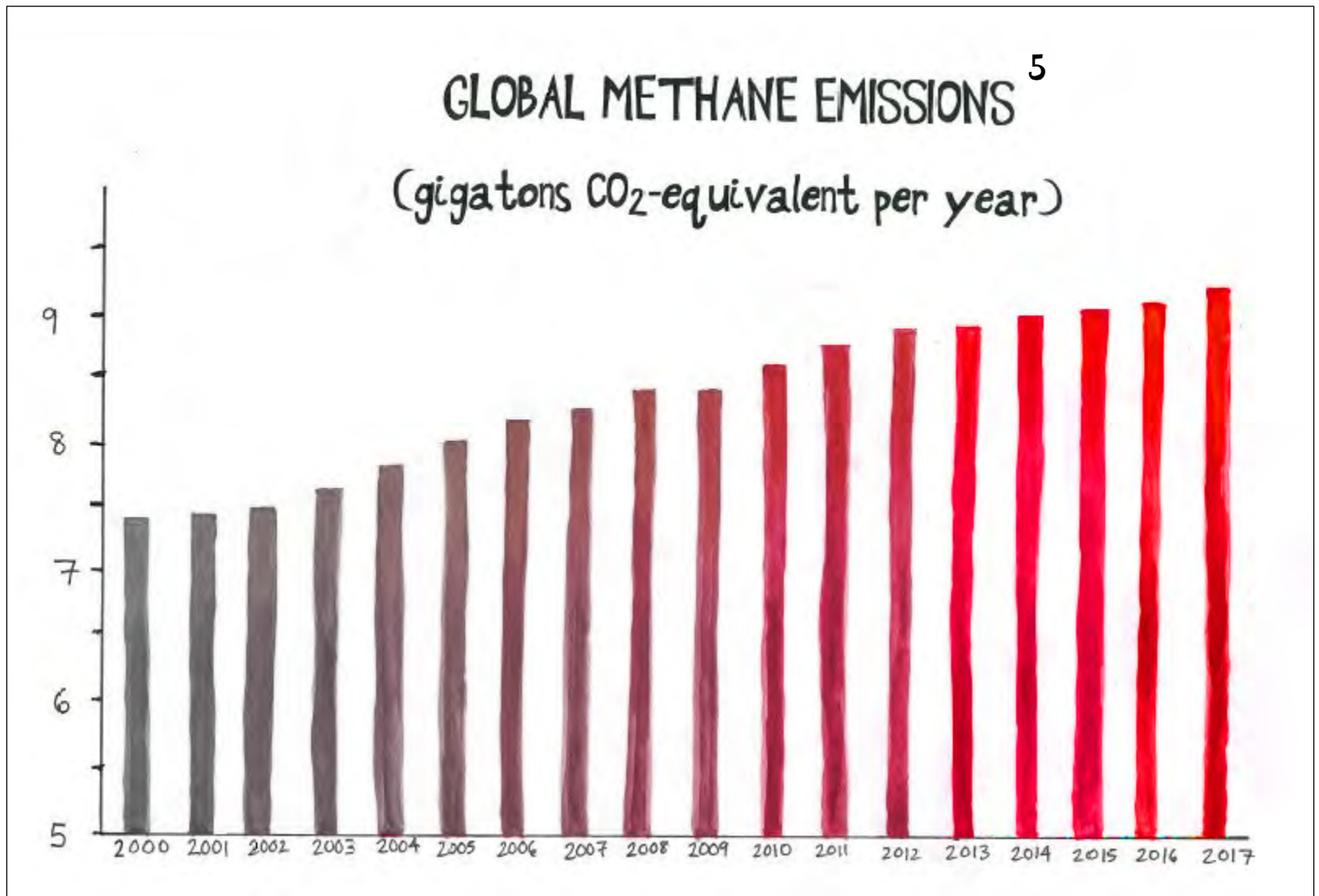


IT'S SHORT-LIVED IN THE
ATMOSPHERE, BUT IT'S
SUPER POTENT.

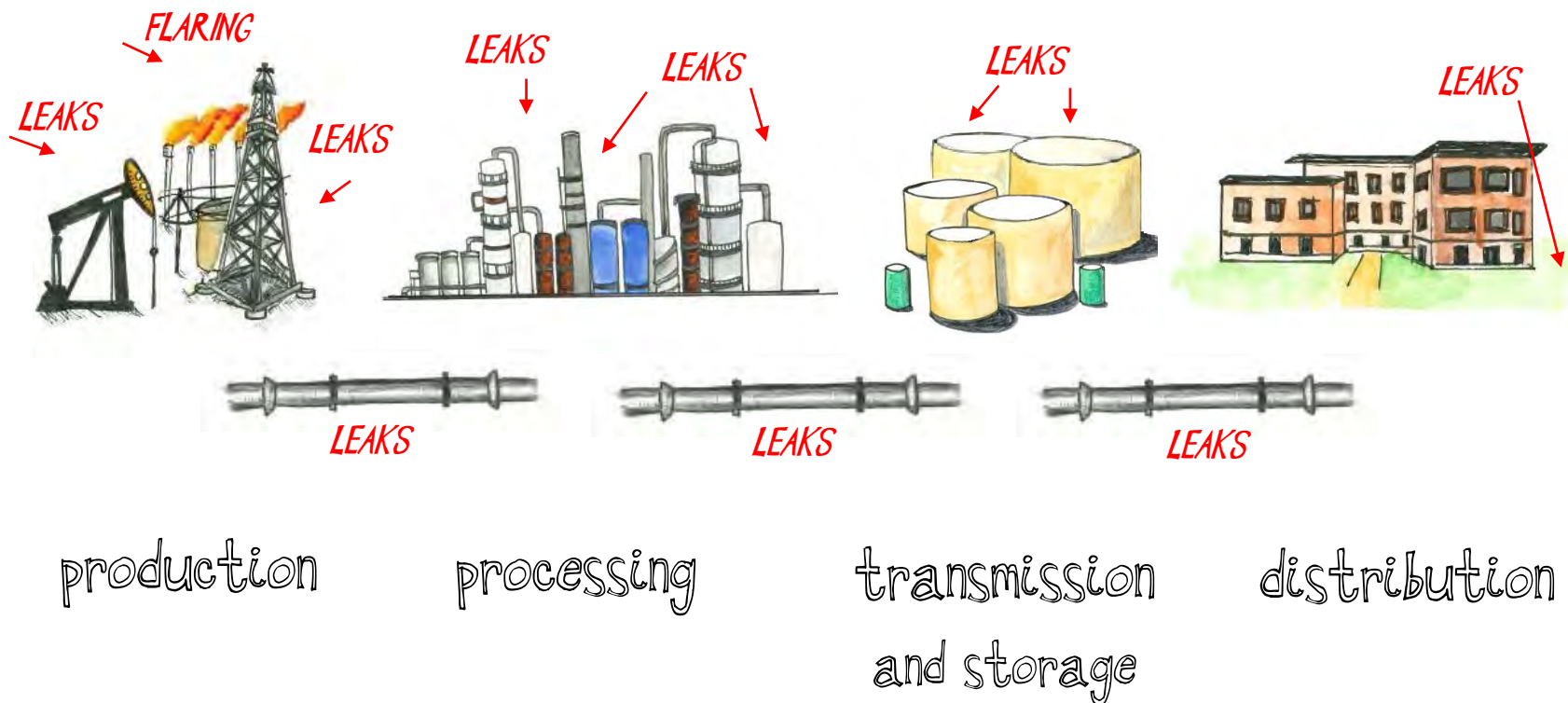


OVER A 20-YEAR TIME FRAME, IT IS
86x MORE POWERFUL THAN CO_2
(AT EQUAL WEIGHT).⁴

AND METHANE EMISSIONS ARE RISING,
CONTRIBUTING TO WARMING AND POSING A
THREAT TO COMMUNITIES AROUND THE WORLD.



THE OIL & GAS INDUSTRY IS RESPONSIBLE FOR AROUND 20% OF GLOBAL METHANE EMISSIONS FROM HUMAN ACTIVITIES EACH YEAR,⁶ MOSTLY FROM VARIOUS STAGES OF OIL & GAS PRODUCTION.⁷



BUT IT DOESN'T HAVE TO BE LIKE THIS...

AS SOON AS POSSIBLE, WE NEED TO REDUCE GREENHOUSE GASES THROUGHOUT OUR WHOLE ECONOMY. THAT MEANS PHASING OUT FOSSIL FUELS COMPLETELY, TO ADVANCE TO A WORLD WHERE PEOPLE AND NATURE THRIVE TOGETHER.



IN THE MEANTIME, WHILE WE'RE WORKING ON THAT
BROADER EFFORT, REGULATIONS CAN REQUIRE OIL &
GAS COMPANIES TO TIGHTEN OPERATIONS.

ABOUT HALF OF THESE METHANE EMISSIONS CAN BE
REDUCED AT LITTLE TO NO NET COST.⁸



IN RECENT YEARS, MEXICO AND CANADA HAVE PASSED REGULATIONS TO GET THE OIL & GAS INDUSTRY IN THOSE COUNTRIES TO REDUCE METHANE EMISSIONS BY 45% BY 2025.^{9,10}

IN THE U.S., SOME STATES LIKE COLORADO AND CALIFORNIA HAVE STATE-LEVEL RULES.¹¹ AND, FOR NOW, THERE ARE FEDERAL REGULATIONS IN THE U.S. BUT PROPOSED CHANGES WOULD ROLL BACK THESE EXISTING FEDERAL REQUIREMENTS.¹²

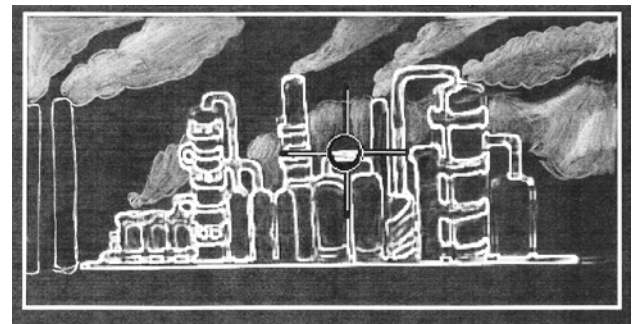
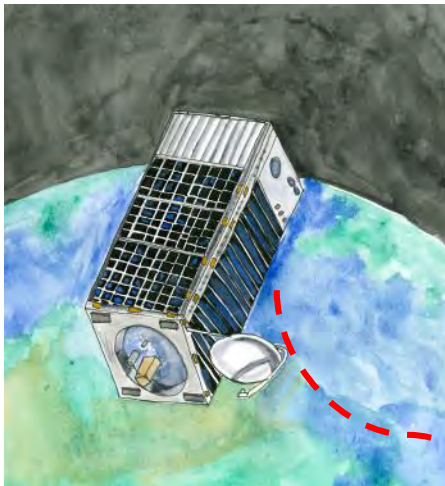


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TO SUPPORT PROGRESS ON REGULATIONS,
ORGANIZATIONS LIKE THE CLEAN AIR TASK FORCE,
ENVIRONMENTAL DEFENSE FUND, CENTER FOR CLEAN AIR
POLICY, THE UNDER2 COALITION, AND THE US CLIMATE
ALLIANCE SHARE INFORMATION WITH POLICYMAKERS
ABOUT BEST PRACTICES FOR REDUCING EMISSIONS.¹³



PARTNERS SUCH AS THE ENVIRONMENTAL DEFENSE FUND AND EARTHWORKS ARE USING TECHNOLOGY TO DETECT AND INDEPENDENTLY VERIFY METHANE EMISSIONS. SATELLITES AND INFRARED CAMERAS HELP US KNOW WHERE THE PROBLEMS ARE SO WE CAN HOLD POLLUTERS ACCOUNTABLE.^{14, 15}



WE MUST ADDRESS METHANE EMISSIONS TO
ENSURE A SAFE AND STABLE CLIMATE AND IMPROVE
THE HEALTH OF OUR COMMUNITIES FOR
GENERATIONS TO COME.

THE OIL & GAS INDUSTRY HAS AN OPPORTUNITY
TO DEPLOY THESE READILY AVAILABLE SOLUTIONS
AT LITTLE TO NO EXTRA COST.

PEOPLE AND PLANET CAN THRIVE TOGETHER.
HOW WILL YOU HELP?



NOTES & SOURCES

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<https://www.reuters.com/article/us-usa-climate-methane/trump-epa-proposes-scrapping-methane-limits-at-oil-and-gas-operations-idUSKCN1VJ1IU>

13. You can learn more about the work of these organizations and their partners through their websites: Clean Air Task Force (<https://www.catf.us/>), Environmental Defense Fund (<https://www.edf.org/>), Center for Clean Air Policy (<https://ccap.org/>), Under2 Coalition (<https://www.under2coalition.org/>), the US Climate Alliance (<https://www.usclimatealliance.org/>), and Earthworks (<https://earthworks.org/>).
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