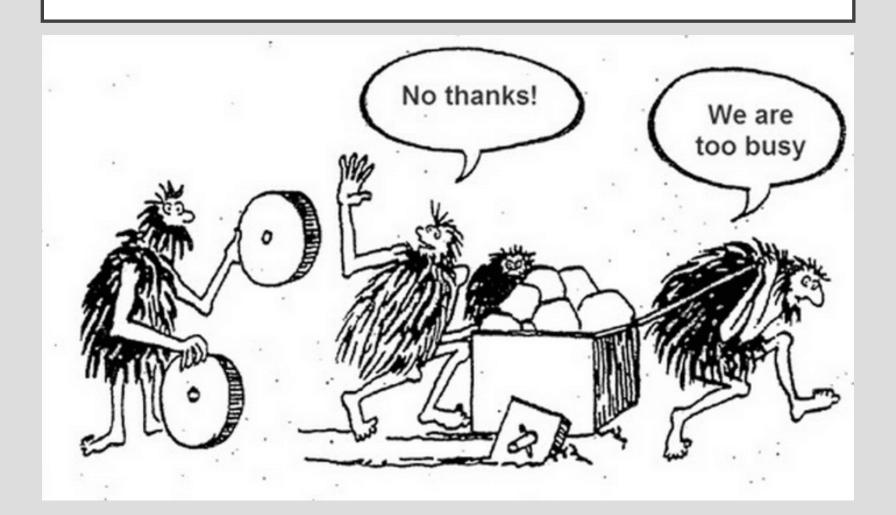
KEY LESSONS LEARNED IN REDUCING METHANE FROM OIL AND GAS

Jonathan Banks Clean Air Task Force April 2018

LESSON I: WE ARE ALL IN THIS TOGETHER



LESSON 2: WE KNOW ENOUGH TO ACT



LESSON 3: ENGAGE WITH THE PUBLIC AND CIVIL SOCIETY







LESSON 4: REGULATE

California Code of Regulations, Title 17, Division 3, Chapter 1, Subchapter 10 Climate (Note: The entire text of sections 95665, 95666, 95667, 95668, 95669, 95672, 95673, 95674, 95675, 95676, and 95677 set forth below is new language in Adopt new Subarticle 13, and sections 95665, 95666, 95667, 95668, 95667, 95671, 95672, 95673, 95674, 95675, 95676, 95667, 95668, 95667, 95668, 95667, 95668, 95667, 95668, 95667, 95672, 95673, 95674, 95675, 95676, 95677, Appendix A, Appendix B, and Crude Oil and Natural Gas Emission Standards for Space and Scope. The purpose of this subarticle is to establish subarticle is to establish subarticle is to establish

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

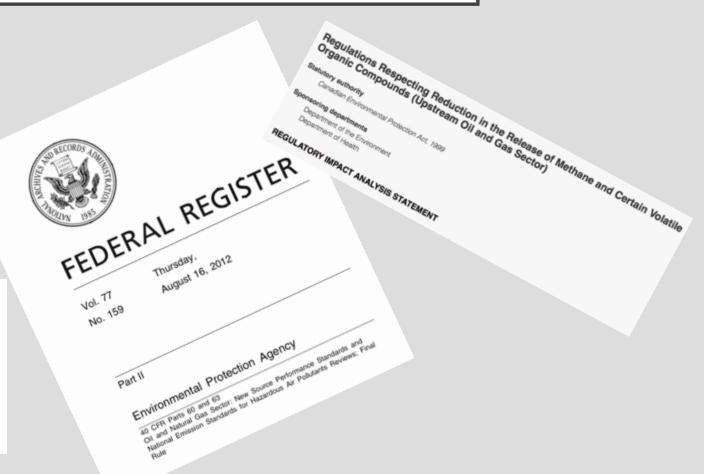
Air Quality Control Commission

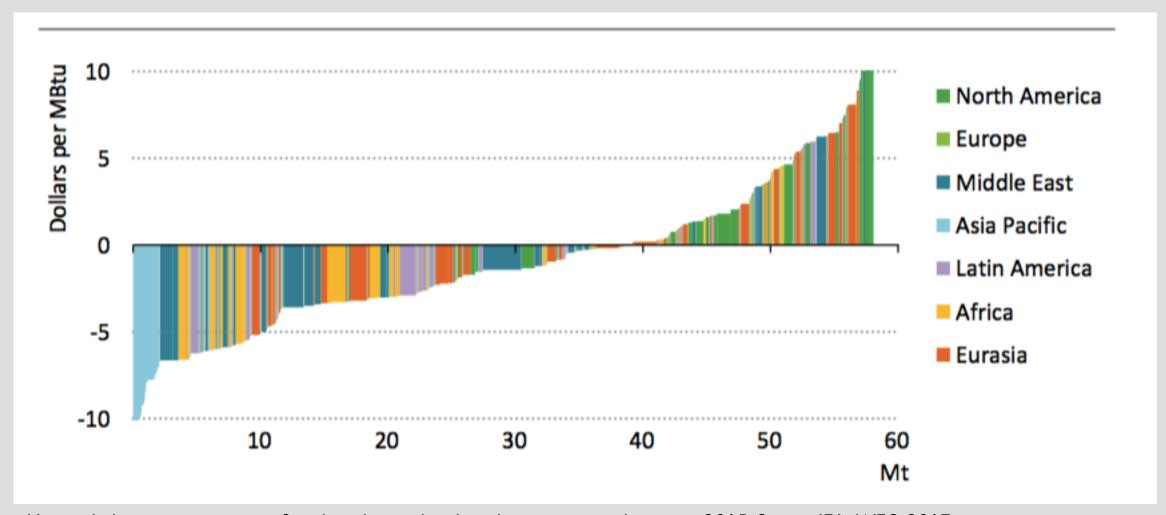
REGULATION NUMBER 7

Control of Ozone via Ozone Precursors and Control of Hydrocarbons via Oil and Gas Emissions

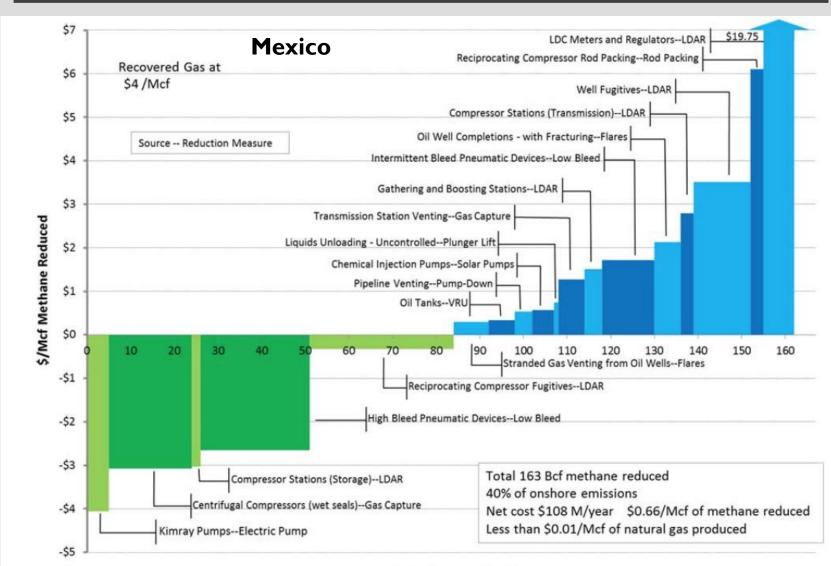
(Emissions of Volatile Organic Compounds and Nitrogen Oxides)

5 CCR 1001-9

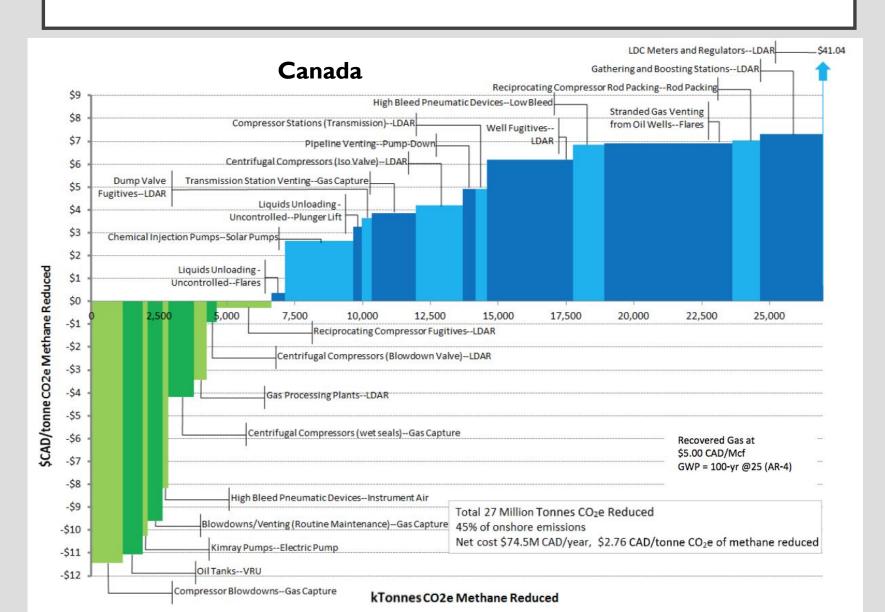




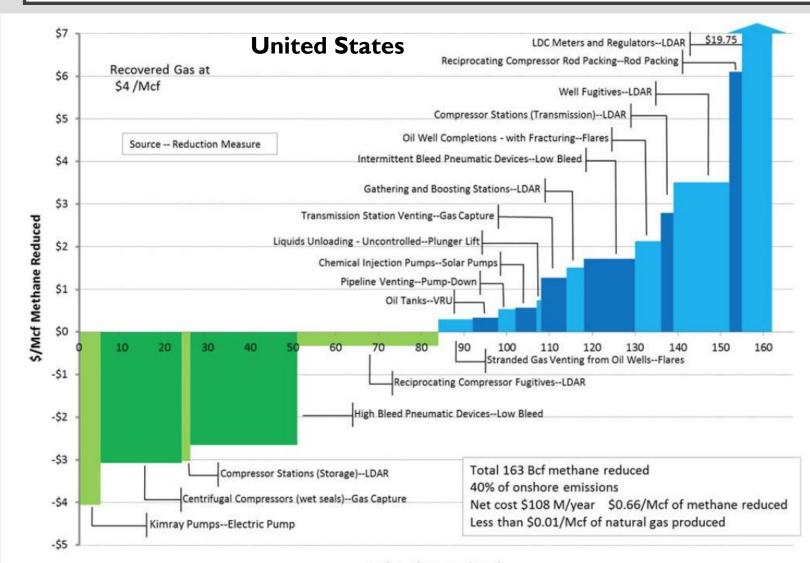
Marginal abatement cost curve for oil- and gas-related methane emissions by region, 2015. Source: IEA, WEO 2017



Source: EDF/ICF

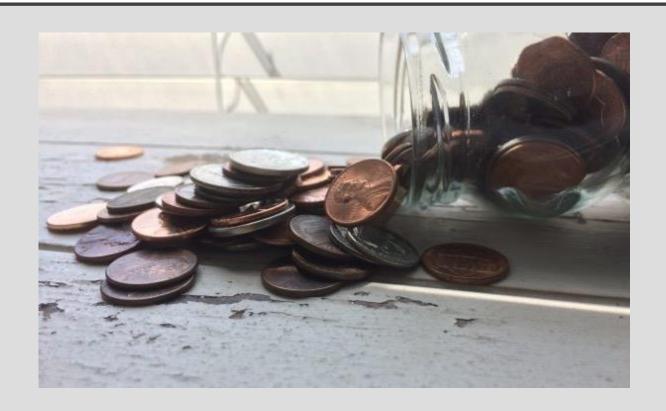


Source: EDF/ICF



Source: EDF/ICF

LESSON 6: IT MAY BE CHEAP BUT CAPITAL CAN BE SCARCE



LESSON 7: MONITORING AND ENFORCING WILL NEED HELP



LESSON 8: WE HAVE THE TECHNOLOGY, BUT IT WILL GET MUCH BETTER



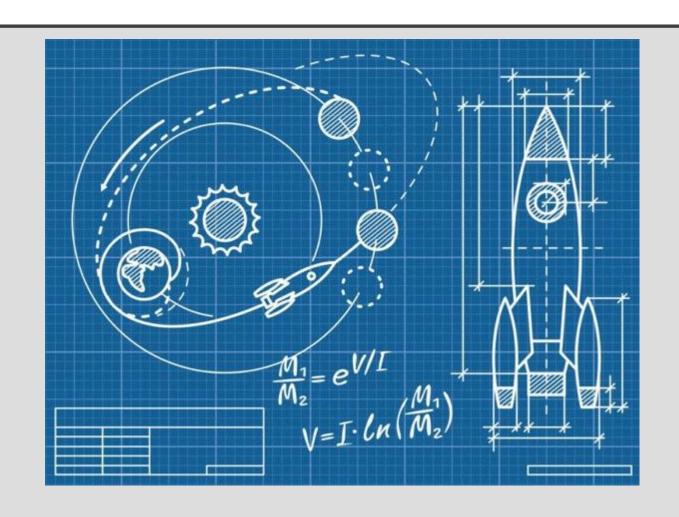








LESSON 9: WE CAN DO THIS



THANK YOU

Jonathan Banks Clean Air Task Force

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Founded in 1996, the Clean Air Task Force is a nonprofit organization working to safeguard against the worst impacts of climate change by catalyzing the rapid global development and deployment of low carbon energy and other climate-protecting technologies through research and analysis, public advocacy leadership, and partnership with the private sector.