

# Engaging Oil & Gas Companies on the Methane Challenge

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# Why Methane?

Methane is causing 25% of global warming that's ***fueling current super storms***



# Why Oil & Gas?

Oil and gas is the ***leading industrial source*** of methane in the U.S.

IEA: We can reduce half of the world's global oil and gas methane emissions at ***no net cost***.

# MethaneSAT: Mission to Locate, Measure Methane Emissions



The 200+ kilometer satellite view path is large enough to quantify known sources and discover and quantify previously unknown sources.

Regularly monitoring roughly 50 major regions accounting for over 80 percent of global oil and gas production.

***Launch schedule coming soon.***

# EDF's Company Engagement

## World Gas Conference

EDF is only environmental group present at largest global gas conference.

EDF experts serve on multiple panels, plus special event cohosted with ExxonMobil.





# EDF's Company Engagement



## Methane Detectors Challenge

Partnership with O&G to catalyze low-cost 24-7 methane sensing tech

First technologies piloted by Equinor (Statoil) in Jan. 2018



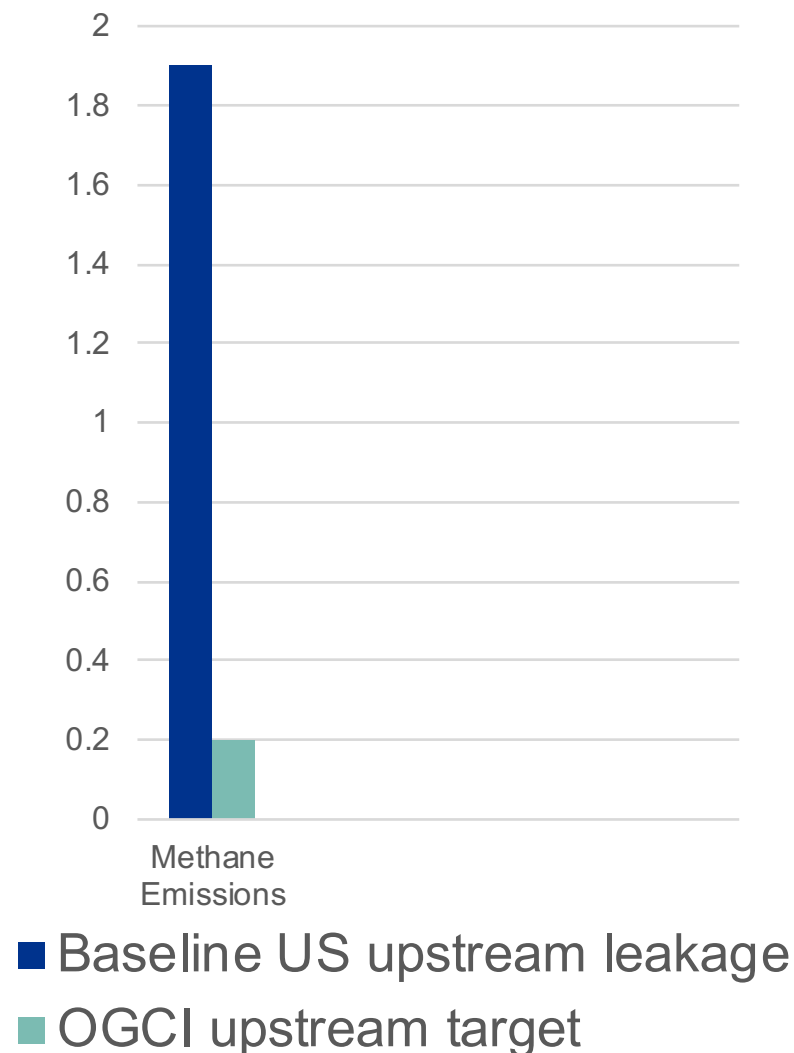
## Mobile Monitoring Challenge

Partnership with Stanford University

ExxonMobil, Schlumberger, Shell advisors

Sensors deployed by drones, trucks, aircraft

# Companies Commit to Stringent Target...



## Oil and Gas Climate Initiative (OGCI)



# ...But U.S. federal rollbacks threaten to drag industry backwards







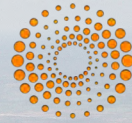
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**"Exxon Mobil and Chevron  
will join global energy giants in  
climate initiative, reversing  
position"**  
Sept. 20, 2018



**REUTERS**

**"Shell targets lower methane  
emissions from oil and gas  
operations"**  
Sept. 17, 2018

**Bloomberg**

**"Big oil worries about  
methane even if  
Trump doesn't "**  
Sept. 21, 2018

**THE WALL STREET JOURNAL.**

**"Oil majors pledge  
To cut methane  
emissions"**  
Sept. 24, 2018

**Forbes**

**"Equinor finds opportunity  
in transition to  
low carbon future"**  
Sept. 24, 2018



# Methane Reduction Tech is Cheaper Than Ever



## A growing sector

At least 76 firms manufacture/sell/service methane mitigation tools.

Industry provides at 500+ locations across 45 U.S. states.

Annual salary range: \$27,040 - \$113,110.