

PREVENIRE LE EMISSIONI DI METANO DALLA FILIERA DI OIL&GAS

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Climate



Energy



Ecosystems



Health



Oceans

+50 years

of finding the ways that work.





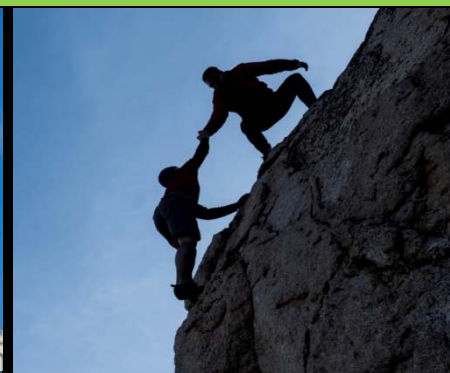
Sound
Science



Market-
Based
Solutions



Non-
Partisan



Collaborative

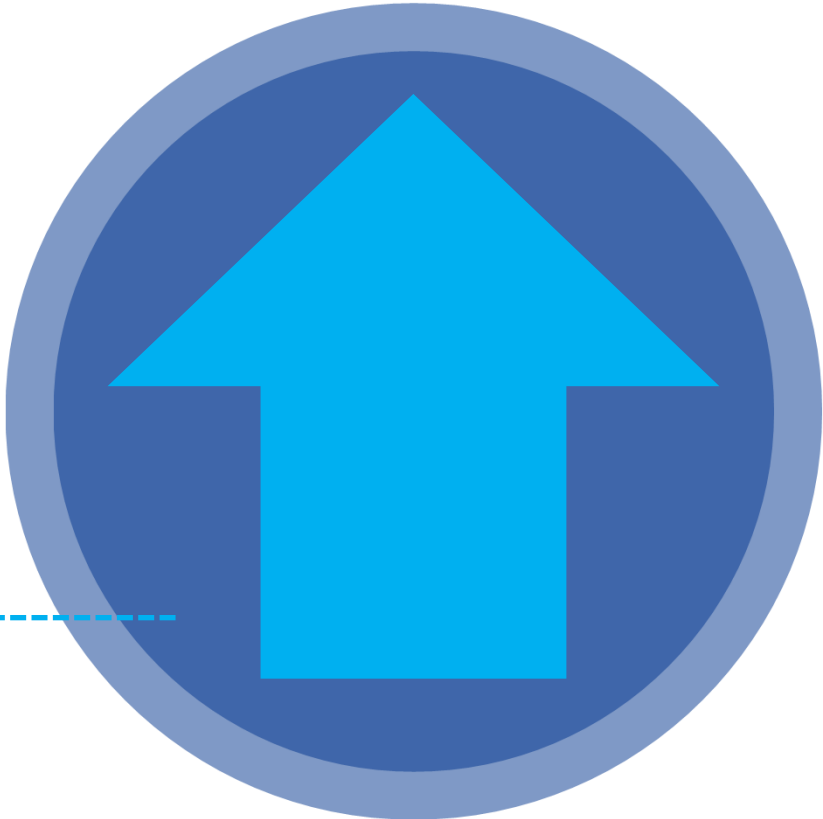
Methane: A Potent Greenhouse Gas

Methane has more than
80 TIMES
the global warming impact
of carbon dioxide over
a 20-year period



CARBON
DIOXIDE

----- 80X -----



METHANE

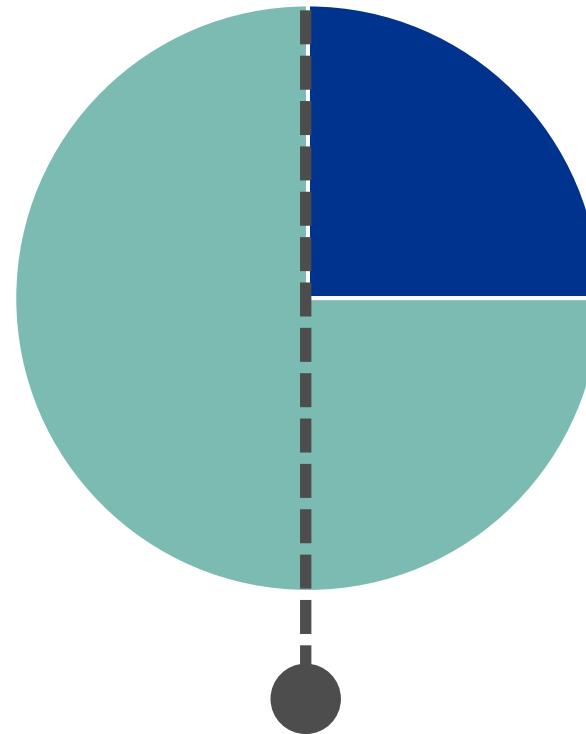


Affordable, Achievable Solutions

Current technologies
can eliminate

75%

of global oil and gas
methane emissions



Half can be reduced
at no net cost

Source: International Energy Agency



EDF Coordinated Methane Science

- Measurement across value chain
- Collaboration with leading academics
- 16 studies
- Over 30 papers in peer reviewed journals
- U.S. emissions **60% higher** than official estimates from EPA

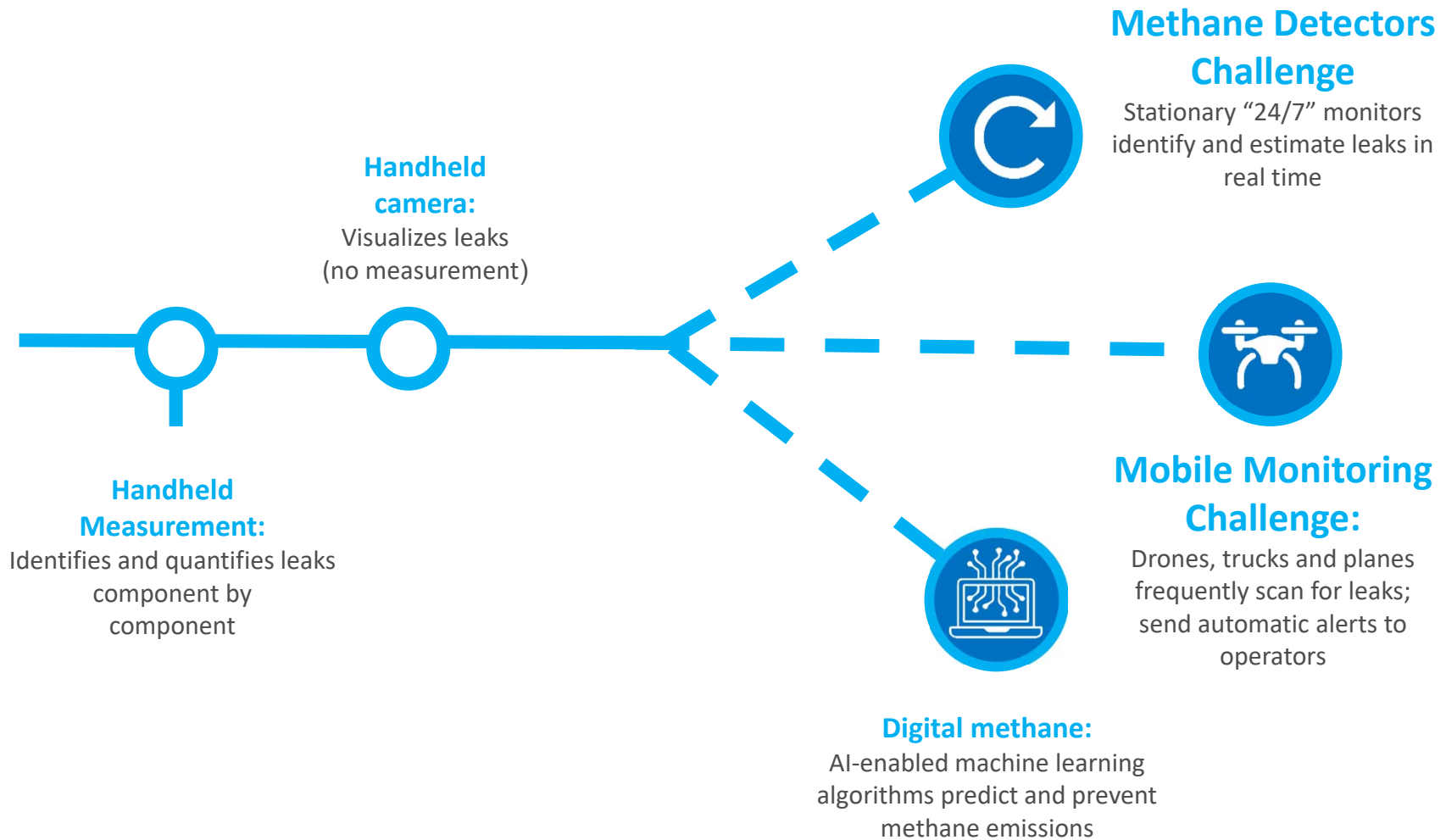


MethaneSAT to launch in 2022



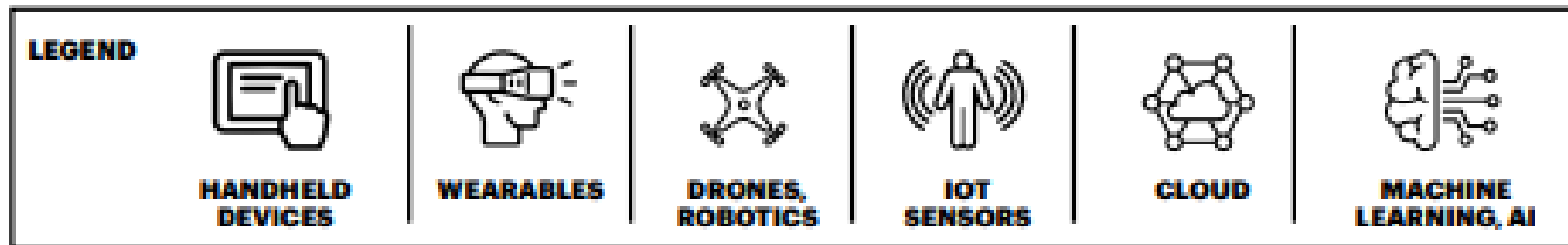
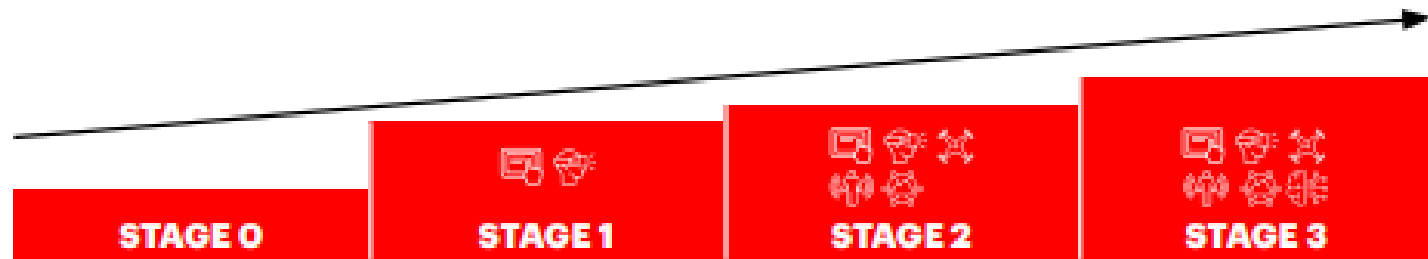
Free, public data on oil and gas methane emissions from around the world

Innovation with the private sector



Fueling a Digital Methane Future

**DIGITAL
TECHNOLOGIES
LEVERAGED**



**IN COLLABORATION WITH
ACCENTURE STRATEGY**

Why EU can act and what it can do

- EU consumes nearly **half of internationally traded gas**
- As long as gas is in Europe's **energy transition**, methane must be addressed
- The window of **political opportunity** for ambitious actions is open
- Leverage EU position as net buyer to ensure **upstream methane emissions management in third-country producers**
 - And address methane emissions in European TSO & DSO

Our recommendations in practice

1. Ensure that all gas produced, imported and used in the EU complies with strict methane emission control requirements.



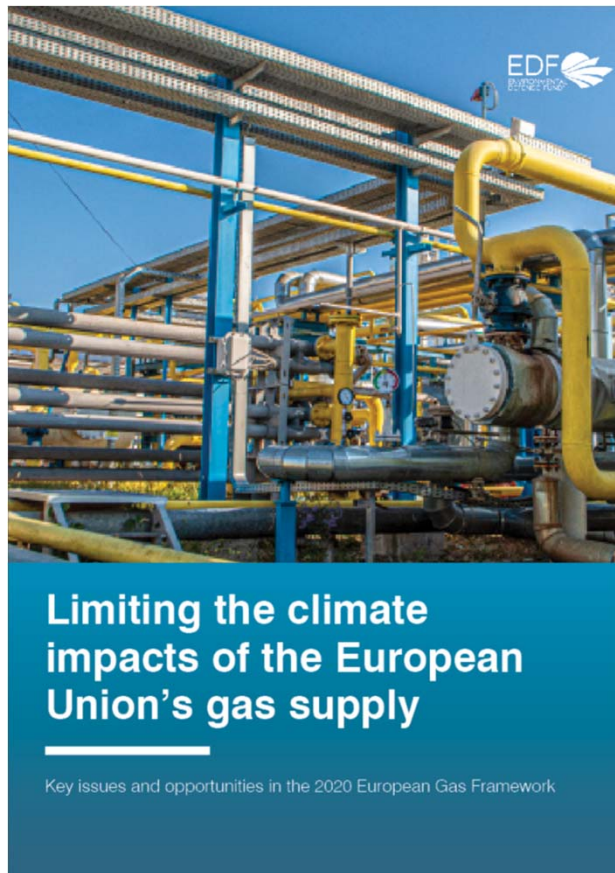
2. Capitalize on science and technology to help us improve the measurement and monitoring of methane emissions.

Vision for a post-2020 European Gas Market reform

Tackle emissions today and create the framework for Europe's sustainability tomorrow

Thank you!

Read more about the issue at
edf.org/EUmethane



Staying connected

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