

Pledge to slash planet-warming methane

Countries joining the Global Methane Pledge commit to a collective goal of reducing worldwide emissions of the potent greenhouse gas by at least 30 percent from 2020 levels by 2030

ANNUAL GLOBAL METHANE EMISSIONS: Million tonnes (estimate)

HUMAN ACTIVITIES

358 (61%)

Agriculture

Energy – coal,
oil, natural gas
and biofuels

145

129

Total
591

68

Other natural
sources: **39**

Wetlands

**NATURAL
SOURCES**

233 (39%)

Biomass
burning: **16**

Waste

194

GLOBAL GREENHOUSE GAS EMISSIONS BY GAS

Measured as CO₂-equivalents (2018)

Nitrous oxide: **6.5%**

17%

74% carbon dioxide (CO₂)

Fluorinated
gases: **2.5%**

Methane: More than 25 times as potent as CO₂ at trapping heat but breaks down faster in atmosphere – so cutting methane emissions can have rapid impact on global warming

TOP FIVE METHANE EMITTERS

Million tonnes of CO₂-equivalent
(2018)

418

Brazil

623

U.S.

669

India

853

Russia

1,239

China

Global Methane Pledge

More than 100 countries have joined U.S.- and EU-led effort, including Brazil. China, Russia and India have yet to sign pledge