

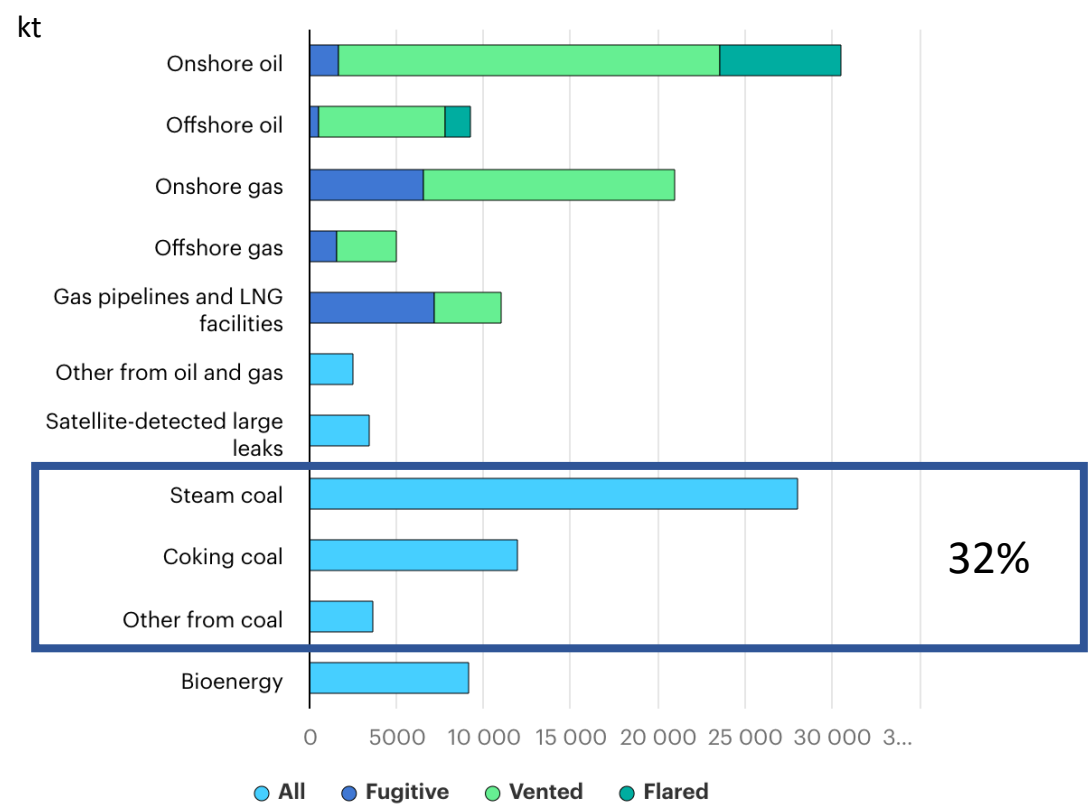
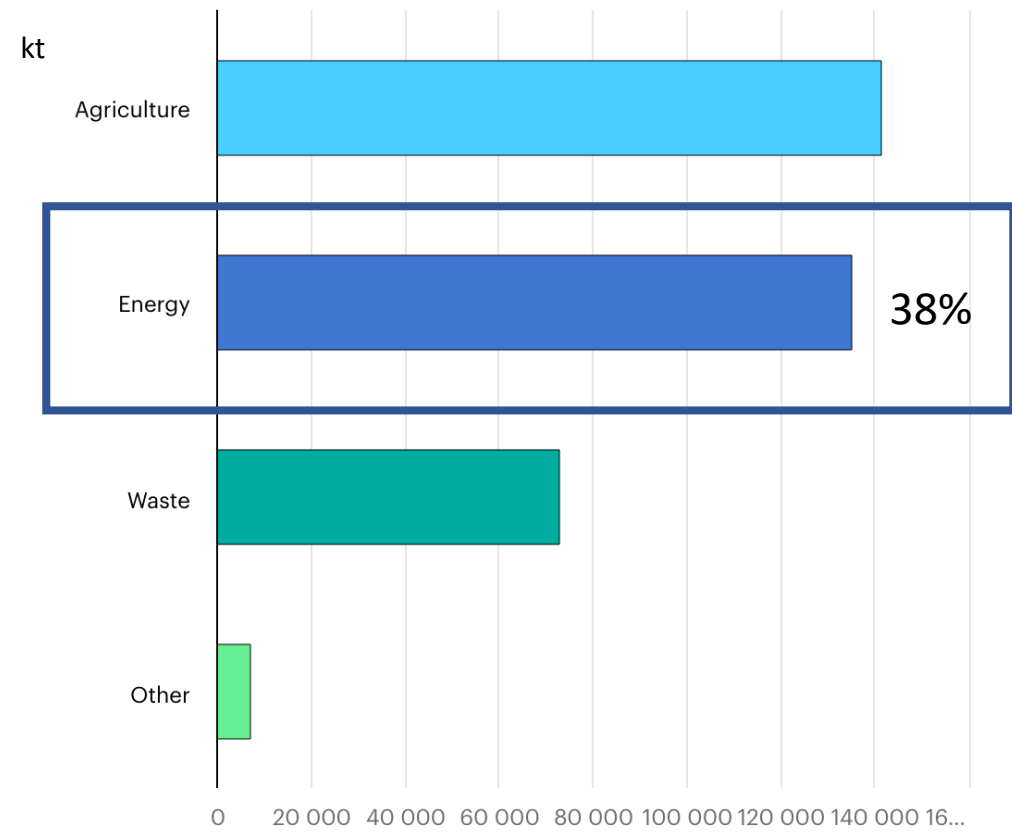
March 2022

International Methane Emissions Observatory



Manfredi Caltagirone

Global Methane Emissions from Energy & Coal Sector



International Energy Agency (2022), Methane Tracker Database, IEA, Paris.

IMEO as implementing vehicle for the Global Methane Pledge



111

Countries/parties that have signed on to the EU- and US-led Global Methane Pledge

70%

Portion of the global GDP covered by signatories

30%

Collective methane reduction target by 2030

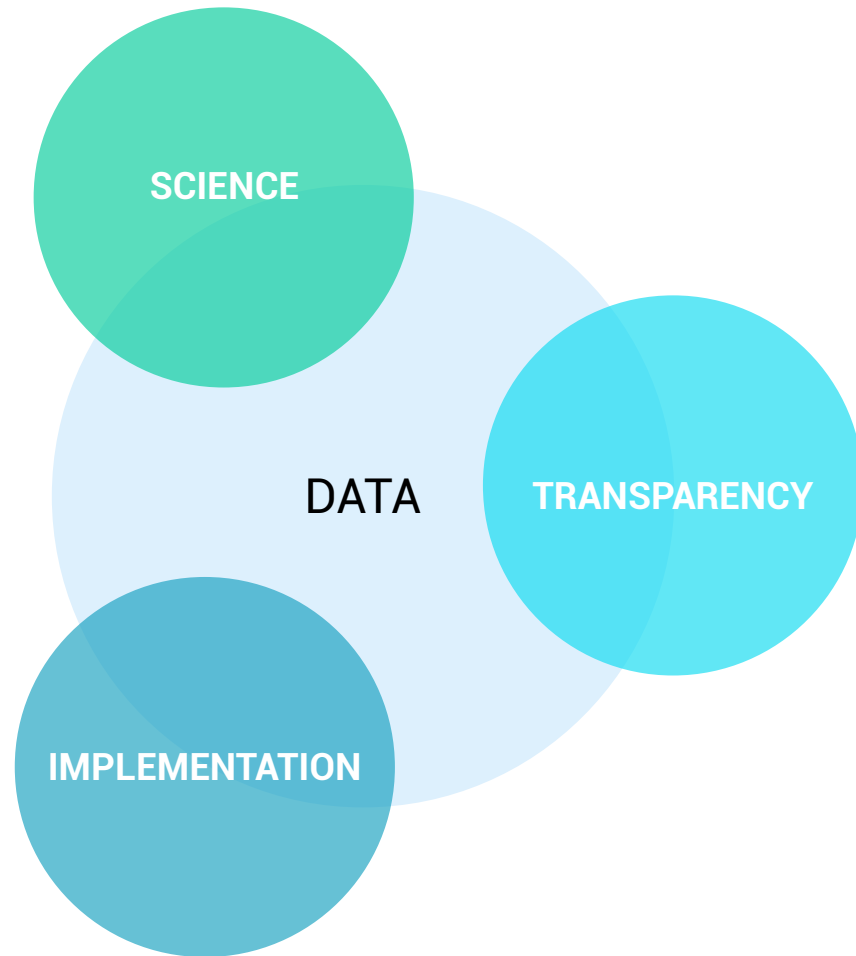
50%

Global anthropogenic methane emissions covered by the Pledge

The Verification Role of IMEO in the EC Methane Legislative Proposal

1. [...]the International Methane Emissions Observatory shall be attributed **a verification role with respect to methane emissions data**, in particular with regard to the following tasks:
 - **aggregation of methane emissions data** in accordance with appropriate statistical methods;
 - **verification of methodologies and statistical processes** employed by companies to quantify methane emissions data;
 - **development of data aggregation and analysis methodologies** in accordance with scientific and statistical good practice to ensure a higher level of accuracy of emission estimates, with **appropriate characterization of the uncertainty**;
 - **publication of aggregated company reported data** by core source and by level of reporting, classified by operated and non-operated assets, in compliance with competition and confidentiality requirements;
 - **reporting** of findings on **major discrepancies** between data sources.
2. The Commission may **submit methane emissions data** to the International Methane Emissions Observatory, as made available to it by the competent authorities in accordance with this Regulation.
3. The information produced by the International Methane Emissions Observatory shall be **made available to the public and the Commission**.

IMEO interconnects better data with action on transparency, science, and implementation



Close the knowledge gap

on fossil fuel methane emissions through **peer-reviewed studies and data reconciliation.**

Provide accurate, unbiased and up-to-date information

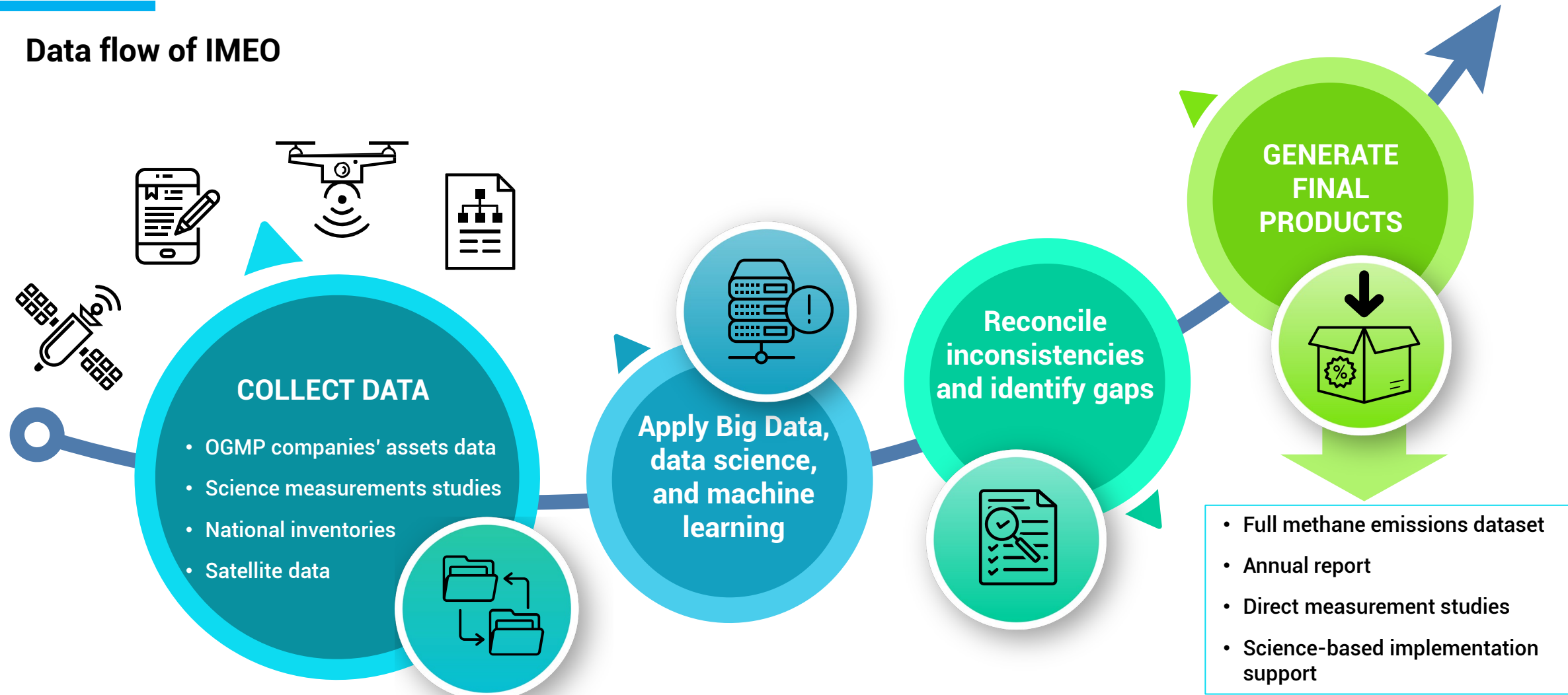
on methane emissions attributable to fossil fuel operations

Raise awareness and increase the capacity of governments

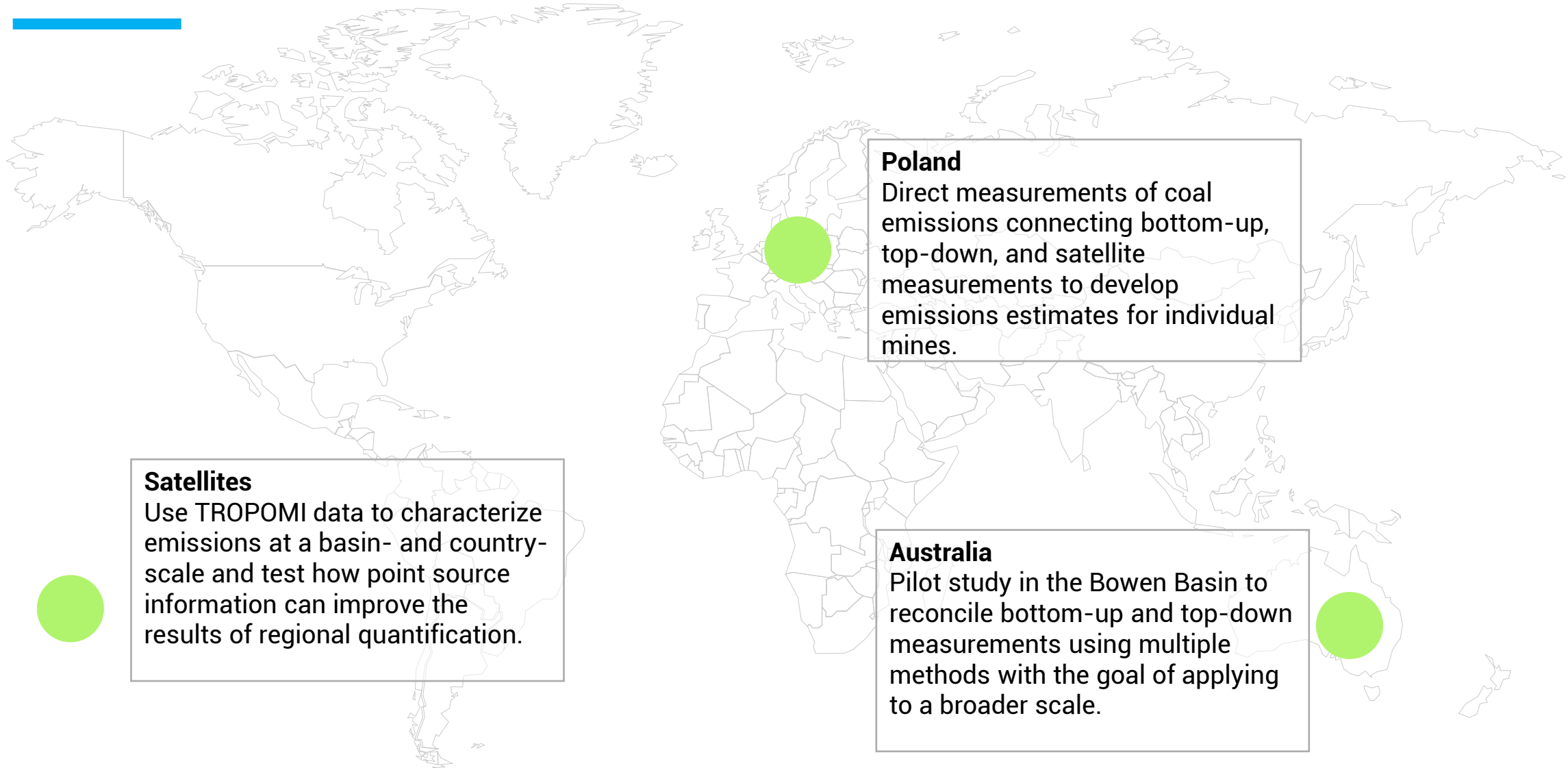
to pursue **science based-policy options** to manage methane emissions from the fossil fuel sector.

A revolutionary approach to data will create the best existing picture of methane emissions globally

Data flow of IMEO



Initiating impactful new studies on coal methane emissions



March 2022

Thank you

Manfredi Caltagirone