

a GTI Differentiated Gas Measurement & Verification Initiative

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## **MEASUREMENT PROTOCOL**

Identifying emissions missing from inventories

Example Emissions Distribution (Production Segment)





## OUTPUTS

The Five Technical Protocols

- Methane Intensity: **DEFINE methane intensities**, by segment
- Measurement: Describe HOW to take measurements, by segment
- Reconciliation: RECONCILE emissions-factor inventories with actual measurements, by segment
- Supply Chain Summation: ADD multiple segments to reach a total emissions intensity
- Audit and Assurance: PROVIDE GUIDANCE for verifying emissions inventory and for third-party auditing



# ADDRESSING THE NATURAL GAS SUPPLY CHAIN

Segments Addressed

Six segments currently defined as:

- Onshore production
- Gathering and boosting
- Processing
- Transmission and underground storage
- Distribution
- LNG



## **METHANE INTENSITY PROTOCOL**

Proof and refinement through iteration





GTI envisions low-carbon, low-cost integrated energy systems that leverage gases, liquids, efficiency and existing infrastructure. Ambition. Innovation. Scale. Collaboration.

All Required.

Contact diffgas@gti.energy Visit www.gti.energy/Veritas