

Digital Natural Gas

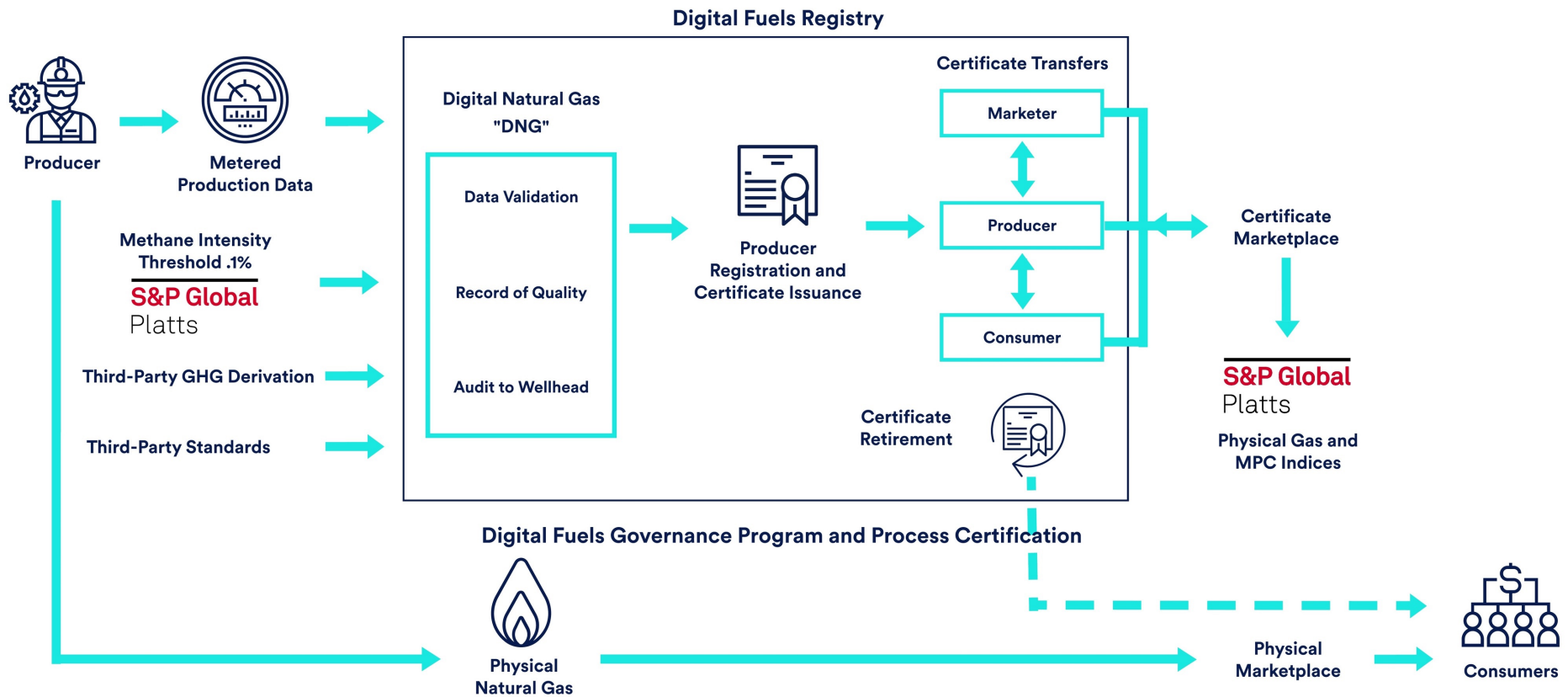
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Principles of Environmental Markets Integrity

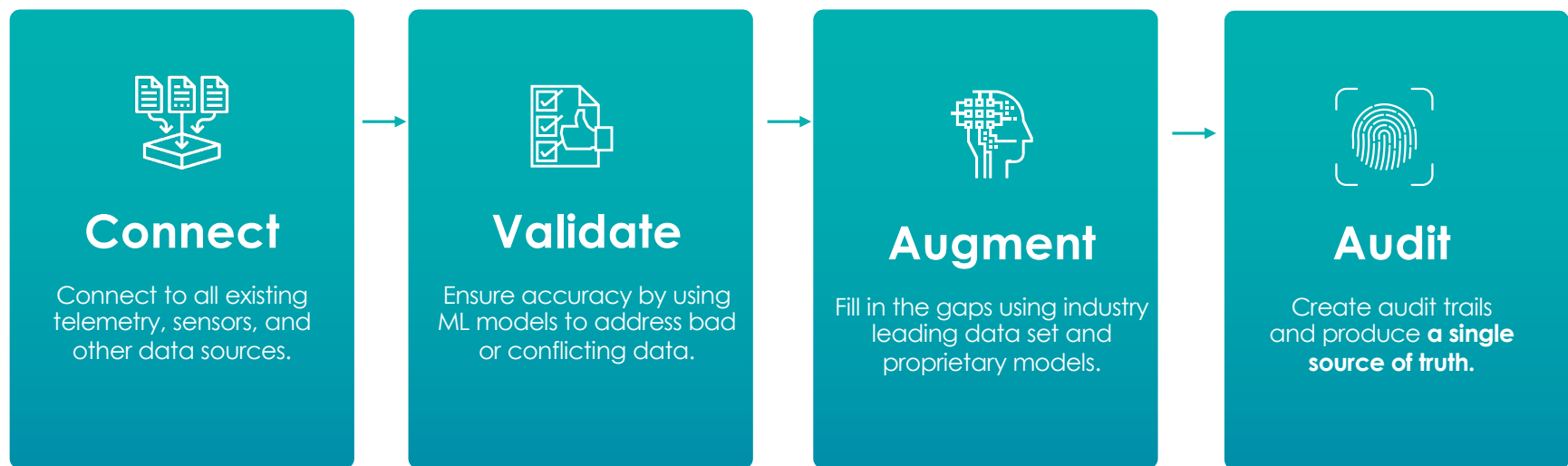
Production Measurement, Validation, and Audit Capability

- **Real Data**– Requires continuous production data collection at the unit level (e.g. MMBtu)
- **No double counting** - Secure registration, issuance, transfer, and retirement of digital assets
- **Third-party validation** – Eliminates the opportunity/perception of fraud from attestation models
- **Full audit capability** - Requires immutable data collection and preservation
- **Transparency** – Enables end-users to get a certificate AND review the data back to the point of production
- **Reporting** - Standardized reporting capabilities for retired ESG assets

Xpansiv Market Infrastructure



Continuous Collection of Quality Production Data*



* Independently collected and verified by Validere's machine learning models trained using its industry-wide datasets and its physical science expertise.

Continuous Independent GHG Derivation*

- Commodity Path
- Infrastructure Data
- Emissions Source and Control Data
- Process Metering & Emissions Monitoring Data
- Regulatory Reporting
- Royalty Flows & Ownership Proration
- Emission Factors
- Mass/Mole and Energy Balancing
- Simulations/Corrections
- Uncertainty Analyses

*Independently computed utilizing Clearstone Engineering LTD.'s ClearTracker™

Digital Fuels Registry

- Provides a trusted, secure platform for onboarding, issuing, tracking, and retiring digital environmental assets based on immutable data.
- Collects detailed attribute information which provides greater contextualized production profile and asset transparency.
- Tracks entire digital-asset lifecycle—from production to retirement (asset claim).
- Provides Proof of State auditable record for digital assets and their attributes.
- Independent: Supports multiple standards as well as independent verification and certification.