



BHGE Digital Methane Monitoring

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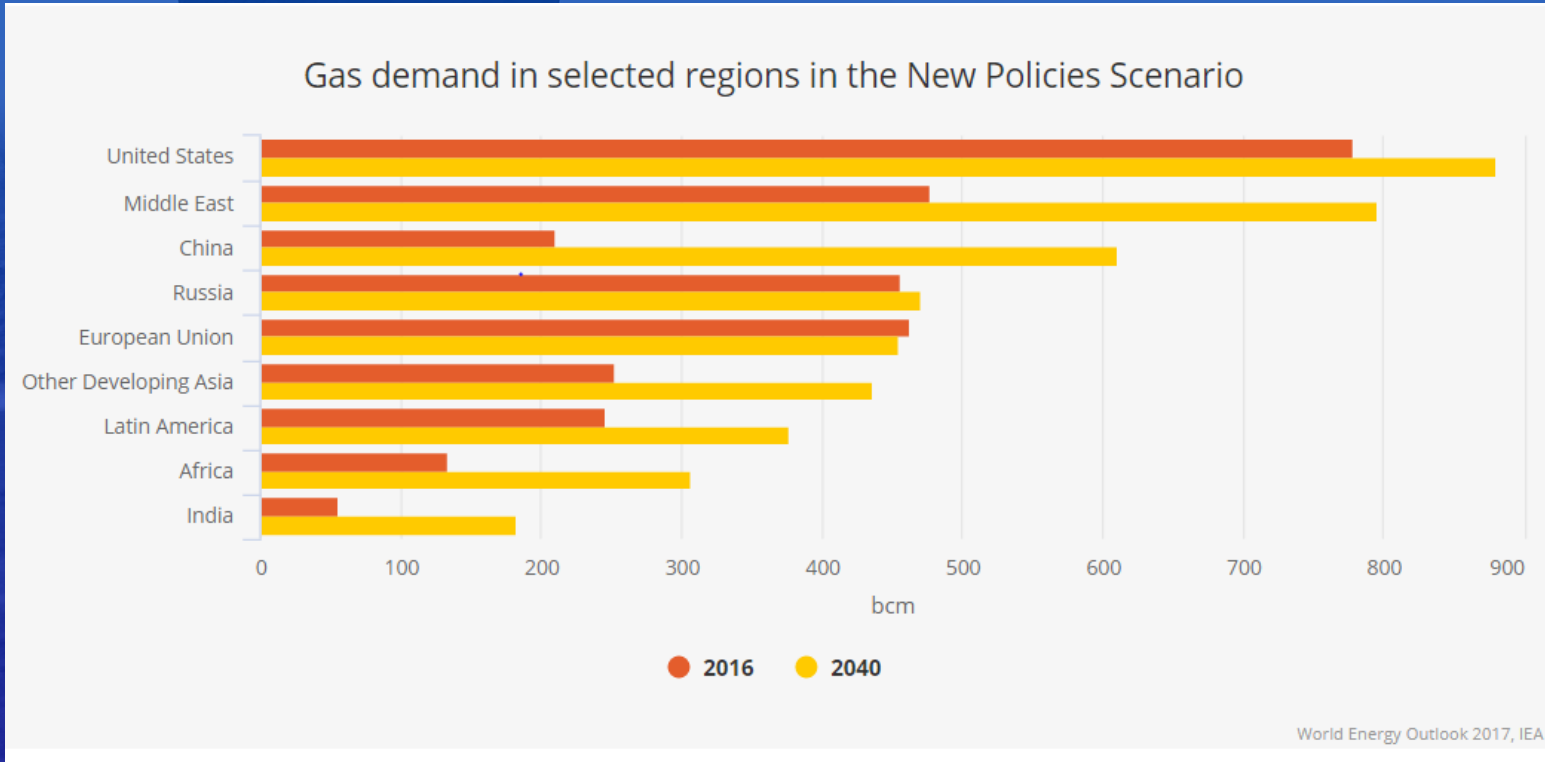
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Innovations are unlocking the Age of Gas

Natural gas is taking a larger role in global energy mix

And the public and governments are demanding cleaner, safer, and more efficient ways to produce, transport and use natural gas



Methane emissions are a shared challenge

How SENTRY works

Technology

Continuous & Quantitative

- SENTRY: A high accuracy fugitive methane gas leak detection system that:
- Provides 24/7, 360 degree protection from fugitive methane gas leaks
 - Creates a digital mesh network and continuously and remotely 'sniffs' for leaks, without the need for human intervention,
 - Sends an alert if methane leak detected

Hardware & Software

Leak Localization + Leak Rate Analysis



- Thermogenic/biogenic differentiation
- Class 1 Div 2 certified
- <1ppm methane detectability
- Solar powered
- Designed for harsh environments: -30C to +65C
- Multi-nodal Distributed Network
- Leak Rate Calculation
- Cloud Based Leak Source Localization
- Cloud-Based Storage & Automated Reporting
- Mobile Enabled Leak Notification & Analysis
- Advanced Sampling Automation

Benefits

Cost Effective Proactive Monitoring



- Scalable to large dispersed operations
- Simple upkeep & maintenance
- Risk-based strategy vs time-based
- Safer operation;
- Cost competitive to semi-annual inspection

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Together, we:

- Partner for change
- Deliver Insights
- Improve Productivity
- Master Complexity

DELIVERING SOLUTIONS