

References

References

1. GGFR (2021). *Global Gas Flaring Tracker Report*. Global Gas Flaring Reduction Partnership. <https://thedocs.worldbank.org/en/doc/1f7221545bf1b7c89b850dd85cb409b0-0400072021/original/WB-GGFR-Report-Design-05a.pdf>
2. World Bank (2021). 'Global Gas Flaring Jumps to Levels Last Seen in 2009.' Press Release No: 2021/003/EEX. <https://www.worldbank.org/en/news/press-release/2020/07/21/global-gas-flaring-jumps-to-levels-last-seen-in-2009>
3. EIA (2018). *Natural Gas Market Module of the National Energy Modeling System: Model Documentation 2018*. U.S. Energy Information Administration. [https://www.eia.gov/outlooks/aeo/nems/documentation/ngmm/pdf/ngmm\(2018\).pdf](https://www.eia.gov/outlooks/aeo/nems/documentation/ngmm/pdf/ngmm(2018).pdf)
4. Penner, D. and Harness, J. (2014). *Optimizing Hydrocarbon And Energy Management In Upstream Oil And Gas Operations*. http://members.igu.org/old/IGU%20Events/igrc/igrc-2014/papers/wo4-1_penner.pdf/Q/Qdownload/file/WO4-1_Penner.pdf
5. Buzcu-Guven, B., Harriss, R. and Hertzmark, D. (2010). *Gas Flaring and Venting: Extent, Impacts, and Remedies*. Rice University's Baker Institute for Public Policy. <https://www.bakerinstitute.org/research/gas-flaring-and-venting-extent-impacts-and-remedies>
6. Svensson, B., Ríos, M. O. (2012). *Unlocking the Value of Wasted Natural Gas*. Global Gas Flaring Reduction Partnership. <http://members.igu.org/html/wgc2009/papers/docs/wgcFinal00563.pdf>
7. Agerton, M., Gilbert, B. and Upton, G. B. Jr. (2020). *The Economics of Natural Gas Flaring in U.S. Shale: An Agenda for Research and Policy*. Rice University's Baker Institute for Public Policy. <https://www.bakerinstitute.org/media/files/files/03160f6a/ces-agerton-et-al-naturalgas-072420.pdf>
8. Argonne National Laboratory (2017). *Analysis of Potential Opportunities to Reduce Venting and Flaring on the OCS*. Prepared by the Argonne Venting and Flaring Research Team for the U.S. Bureau of Safety and Environmental Enforcement. <https://www.bsee.gov/sites/bsee.gov/files/5007aa.pdf>
9. IOGP (2000). *Flaring and venting in the oil and gas exploration and production industry*. International Association of Oil & Gas Producers, Report 2.79/288. <https://www.iogp.org/bookstore/product/flaring-and-venting-in-the-oil-and-gas-exploration-and-production-industry/>
10. Carbon Limits AS. (2015). *Improving utilization of associated gas in US tight oil fields*. Report prepared for the Clean Air Task Force (CATF). https://www.catf.us/wp-content/uploads/2015/04/CATF_Pub_PuttingOuttheFire.pdf
11. GGFR (2016). *Gas Flaring Definitions*. Global Gas Flaring Reduction — A Public-Private Partnership. <http://documents1.worldbank.org/curated/en/755071467695306362/pdf/106662-NEWS-PUBLIC-GFR-Gas-Flaring-Definitions-29-June-2016.pdf>
12. GGFR (2020). *Global Gas Flaring Tracker Report*. Global Gas Flaring Reduction Partnership. <http://pubdocs.worldbank.org/en/503141595343850009/WB-GGFR-Report-July2020.pdf>
13. World Bank (2021). 'Zero Routine Flaring by 2030' (website). The full text of the Initiative. <https://www.worldbank.org/en/programs/zero-routine-flaring-by-2030>
14. Collins, G. (2019). *Reducing Oilfield Methane Emissions Can Create New US Gas Export Opportunities*. Rice University's Baker Institute for Public Policy, Issue Brief 11.19.19. <https://www.bakerinstitute.org/media/files/files/9553353d/bi-brief-111919-ces-methane.pdf>
15. Kleinberg, R. L., Paltsev, S., Ebinger, C. K. E., Hobbs, D. A. and Boersma, T. (2018). 'Tight oil market dynamics: Benchmarks, breakeven points, and inelasticities.' In *Energy Economics*, Vol. 70, February 2018. <https://www.sciencedirect.com/science/article/pii/S0140988317304103>

-
16. Kah, M. (2020). 'Columbia Global Energy Dialogue: Natural Gas Flaring Workshop Summary' (website). Columbia/SIPA Center on Global Energy Policy. <https://www.energypolicy.columbia.edu/research/global-energy-dialogue/columbia-global-energy-dialogue-natural-gas-flaring-workshop-summary>
18. World Bank (2019). *Gas flaring volumes 2014 - 18*. Table listing the top 30 flaring countries. <http://pubdocs.worldbank.org/en/887251581002821897/Revised-2014-2018-flare-volumes-estimates.pdf>
18. GGFR (2009). *Guidance on Upstream Flaring and Venting. Policy and Regulation*. Global Gas Flaring Reduction Partnership. <https://documents.worldbank.org/en/publication/documents-reports/documentdetail/200701468344636937/guidance-on-upstream-flaring-and-venting-policy-and-regulation>
19. Agerton, M., Gilbert, B. and Upton, G. B. Jr. (2020). *The Economics of Natural Gas Flaring in U.S. Shale: An Agenda for Research and Policy*. Rice University's Baker Institute for Public Policy. <https://www.bakerinstitute.org/media/files/files/03160f6a/ces-agerton-et-al-naturalgas-072420.pdf>
20. Brandt, A. R., Yeskoo, T., McNally, S., Vafi, K., Cai, H. and Wang, M. Q. (2015). *Energy Intensity and Greenhouse Gas Emissions from Crude Oil Production in the Bakken Formation: Input Data and Analysis Methods*. <https://greet.es.anl.gov/publication-bakken-oil>
21. Garthwaite, J. (2018). 'Stanford study finds stark differences in the carbon-intensity of global oil fields.' Article published on the Stanford News website, 30 August 2018. <https://news.stanford.edu/2018/08/30/measuring-crude-oils-carbon-footprint/>
22. Masnadi, M. S., El-Houjeiri, H. M., Schunack, D and Li, Y. (2018). 'Global carbon intensity of crude oil production.' In *Science*, Vol. 361, Issue 6405, 31 August 2018. https://www.researchgate.net/publication/327328315_Global_carbon_intensity_of_crude_oil_production
23. Kah, M. (2020). 'Columbia Global Energy Dialogue: Natural Gas Flaring Workshop Summary' (website). Columbia/SIPA Center on Global Energy Policy. <https://www.energypolicy.columbia.edu/research/global-energy-dialogue/columbia-global-energy-dialogue-natural-gas-flaring-workshop-summary>
24. Abnett, K. (2020). 'Exclusive: Draft EU methane strategy shies away from binding emissions standards.' Report published on the Reuters website on 21 August 2020. <https://www.reuters.com/article/us-eu-energy-methane-strategy-exclusive/exclusive-draft-eu-methane-strategy-shies-away-from-binding-emissions-standards-idUSKBN25H2BL>
25. Belyi, A. (2020). 'Gas flaring in focus again. Possible angle of EU methane emissions strategy.' Article published on the Energy Central website on 20 October 2020. <https://energycentral.com/c/og/gas-flaring-should-it-be-focus-new-methane-strategy>
26. Carbon Limits AS. (2015). *Improving utilization of associated gas in US tight oil fields*. Report prepared for the Clean Air Task Force (CATF). https://www.catf.us/wp-content/uploads/2015/04/CATF_Pub_PuttingOuttheFire.pdf
27. U.S. Department of Interior, Bureau of Safety and Environmental Enforcement (2003). *Gas Handling Options for Associated Gas in Deepwater Developments in the Gulf of Mexico*. <https://www.bsee.gov/sites/bsee.gov/files/tap-technical-assessment-program//443aa.pdf>
28. World Bank (2004). *Flared Gas Utilization Strategy. Opportunities for Small-Scale Uses of Gas*. The International Bank for Reconstruction and Development, May 2004. <http://documents1.worldbank.org/curated/en/193801468779650307/pdf/295520Flared0G1on0Sstrategy01public1.pdf>
29. PetroWiki (2021). 'PEH: Monetizing Stranded Gas' (website). https://petrowiki.spe.org/PEH:Monetizing_Stranded_Gas

-
30. Alfarge, D., Alsaba, M., Wei, M. and Bai, B. (2018). *Miscible Gases Based EOR in Unconventional Liquids Rich Reservoirs: What We Can Learn*. Paper Number SPE-193748-MS presented at the SPE International Heavy Oil Conference and Exhibition, Kuwait City, Kuwait, December 2018. <https://doi.org/10.2118/193748-MS>
 31. Ng, S. and Singh, H. (2018). *Part II: gas monetisation, external economic and non-technical factors*. Article published on the io consulting website on 5 July 2018. <https://www.ioconsulting.com/post/part-ii-gas-monetisation-external-economic-and-non-technical-factors>
 32. Carbon Limits AS. (2015). *Improving utilization of associated gas in US tight oil fields*. Report prepared for the Clean Air Task Force (CATF). https://www.catf.us/wp-content/uploads/2015/04/CATF_Pub_PuttingOuttheFire.pdf
 33. U.S. Department of Interior, Bureau of Safety and Environmental Enforcement (2003). *Gas Handling Options for Associated Gas in Deepwater Developments in the Gulf of Mexico*. <https://www.bsee.gov/sites/bsee.gov/files/tap-technical-assessment-program//443aa.pdf>
 34. Rigzone (2021). 'How Does Gas Injection Work?' (website). https://www.rigzone.com/training/insight.asp?insight_id=345&c_id=
 35. GGFR (2018). *GGFR Technology Overview – Utilization of Small-Scale Associated Gas*. Global Gas Flaring Reduction Partnership. <http://pubdocs.worldbank.org/en/801871519953431815/GGFR-Technology-MASTER-February-2018.pdf>
 36. Edge LNG (2021). A world-first solution to flaring, venting and stranded wells (website). <https://edgelng.com/>
 37. Chen, L., Qi, Z., Zhang, S., Su, J. and Somorjai, G. A. (2020). 'Catalytic Hydrogen Production from Methane: A Review on Recent Progress and Prospect.' In *Catalysts*, Vol. 10, Issue 8. <https://doi.org/10.3390/catal10080858>
 38. Malik, N. S. (2019). 'Why Bitcoin Mining Is Being Touted as a Solution to Gas Flaring.' Article published on the Bloomberg website on 6 December 2019. <https://www.bloomberg.com/news/articles/2019-12-06/why-bitcoin-mining-is-being-touted-as-a-solution-to-gas-flaring>
 39. GGFR (2020). *GGFR Technology Overview – Utilization of Small-Scale Associated Gas*. Global Gas Flaring Reduction Partnership. <http://pubdocs.worldbank.org/en/662151598037050211/GGFR-Small-scale-gas-utilization-technology-Summaries-September-2020.pdf>
 40. Carbon Limits AS. (2015). *Improving utilization of associated gas in US tight oil fields*. Report prepared for the Clean Air Task Force (CATF). https://www.catf.us/wp-content/uploads/2015/04/CATF_Pub_PuttingOuttheFire.pdf
 41. Carbon Limits AS. (2013). *Associated Petroleum Gas Flaring Study for Russia, Kazakhstan, Turkmenistan and Azerbaijan*. Report prepared for the European Bank for Reconstruction and Development. <http://www.ebrd.com/documents/climate-finance/associated-gas-utilization-report-for-russia-kazakhstan-turkmenistan-azerbaijan.pdf>
 42. Ng, S. and Singh, H. (2018). *Part II: gas monetisation, external economic and non-technical factors*. Article published on the io consulting website on 5 July 2018. <https://www.ioconsulting.com/post/part-ii-gas-monetisation-external-economic-and-non-technical-factors>
 43. Wilcox, A. (2019). *Flaring Issues, Solutions & Technologies - 2019*. Houston Advanced Research Center Report Number DOE-HARC-31691. <https://doi.org/10.2172/1569027>
 44. Kah, M. (2020). 'Columbia Global Energy Dialogue: Natural Gas Flaring Workshop Summary' (website). Columbia/SIPA Center on Global Energy Policy. <https://www.energypolicy.columbia.edu/research/global-energy-dialogue/columbia-global-energy-dialogue-natural-gas-flaring-workshop-summary>
 45. NMOGA (2020). *Flaring in the Oilfield. Resources and strategies for understanding and reducing flaring*. New Mexico Oil and Gas Association. <https://www.nmoga.org/flaring>

-
46. Wilcox, A. *et al.* (2019). *Flaring Issues, Solutions & Technologies – 2019*. Houston Advanced Research Center, Report DE-FE0031691 prepared for the U.S. Department of Energy.
<https://www.osti.gov/servlets/purl/1569027>
 47. Clearstone Engineering Ltd. (2020). *Best Practices for Catalysing Co-investment and Capacity-building*. Report prepared for the Climate & Clean Air Coalition (CCAC) in relation to the CCAC technology demonstration project 'Financing and Measuring Black Carbon Emission Reduction in the Oil and Gas Sector.' <https://ccacoalition.org/en/resources/best-practices-catalysing-co-investment-and-capacity-building-black-carbon-reduction>
 48. Agerton, M., Gilbert, B. and Upton, G. B. Jr. (2020). *The Economics of Natural Gas Flaring in U.S. Shale: An Agenda for Research and Policy*. Rice University's Baker Institute for Public Policy.
<https://www.bakerinstitute.org/media/files/files/03160f6a/ces-agerton-et-al-naturalgas-072420.pdf>
 49. Ng, S. and Singh, H. (2018). *Part II: gas monetisation, external economic and non-technical factors*. Article published on the io consulting website on 5 July 2018. <https://www.ioconsulting.com/post/part-ii-gas-monetisation-external-economic-and-non-technical-factors>
 50. IPIECA, IFC, UNDP (2017). *Mapping the Oil and Gas Industry to the Sustainable Development Goals: an Atlas*. <https://www.ipieca.org/resources/awareness-briefing/mapping-the-oil-and-gas-industry-to-the-sustainable-development-goals-an-atlas/>
 51. IPIECA, WBCSD (2021). *Accelerating action: an SDG Roadmap for the oil and gas sector*.
<https://www.ipieca.org/our-work/sustainability/supporting-the-sdgs/sdg-roadmap>
 52. UN DESA (2021). 'The 17 Goals' (website). United Nations Department of Economic and Social Affairs.
<https://sdgs.un.org/goals>
 53. World Bank (2021). 'Global Gas Flaring Reduction Partnership (GGFR) — Overview' (website).
<https://www.worldbank.org/en/programs/gasflaringreduction>
 54. World Bank (2021). 'Global Gas Flaring Reduction Partnership (GGFR) — Gas flaring data' (website).
<https://www.worldbank.org/en/programs/gasflaringreduction#7>
 55. World Bank (2021). 'Global Gas Flaring Reduction Partnership (GGFR) — Resources' (website).
<https://www.worldbank.org/en/programs/gasflaringreduction#5>
 56. World Bank (2021). 'Zero Routine Flaring by 2030' (website). The full text of the Initiative.
<https://www.worldbank.org/en/programs/zero-routine-flaring-by-2030>
 57. IEA (2020). *The Oil and Gas Industry in Energy Transitions. Insights from IEA Analysis*. International Energy Agency. <https://www.iea.org/reports/the-oil-and-gas-industry-in-energy-transitions>
 58. PetroWiki (2021). 'Production forecasting decline curve analysis' (website).
https://petrowiki.spe.org/Production_forecasting_decline_curve_analysis
 59. PetroWiki (2021). 'Production forecasting purpose' (website).
https://petrowiki.spe.org/Production_forecasting_purpose
 60. Emam, E. (2015). 'Gas Flaring in Industry: An Overview.' In *Petroleum & Coal*, Vol. 57, Issue. 5, pp. 532-555. <http://large.stanford.edu/courses/2016/ph240/miller1/docs/emam.pdf>
 61. Rivas, A. (2018). *A review of best practices for Selection, Installation, Operation and Maintenance Of Gas meters for Flare Applications used for Managing facility mass balance and compliance*. Fluenta.
<https://www.4conference.com/wp-content/uploads/2018/03/Arnold-Rivas-Fluenta-4C-Preentation-2018-rev0.1.pdf>
 62. API (2017). *Standard 537: Flare Details for Petroleum, Petrochemical, and Natural Gas Industries*. 3rd Edition, March 2017 (includes all amendments and changes through Addendum 1, June 2020). This standard specifies requirements and provides guidance for the selection, design, specification, operation and maintenance of flares and related combustion and mechanical components used in pressure-relieving and vapor depressurizing systems for petroleum, petrochemical and natural gas industries. While this standard is primarily intended for onshore facilities, guidance related to offshore applications is included. <https://www.api.org/products-and-services/standards>

-
63. API (2007). *Manual of Petroleum Measurement Standards*. Chapter 14.10: *Measurement of Flow to Flares*. 1st Edition, July 2007 (includes all amendments and changes through Reaffirmation Notice, June 2012). This chapter addresses measurement of flow to flares, and includes: application considerations; selection criteria and other considerations for flare meters and related instrumentation; installation considerations; limitations of flare measurement technologies; calibration; operation; uncertainty and propagation of error; and calculations. <https://publications.api.org/publications-store.aspx>
64. API (2012–2016). *Manual of Petroleum Measurement Standards*. Chapters 14.3.1–14.3.4: *Concentric, Square-edged Orifice Meters*. These chapters cover design and installation parameters, calibration, operation, uncertainty and propagation of error, and calculations for measurement of fluid flow using concentric, square-edged, flanged tapped orifice meters. <https://publications.api.org/publications-store.aspx>
65. API (2013). *Manual of Petroleum Measurement Standards*. Chapter 14.9: *Measurement of Natural Gas by Coriolis Meter*. 2nd Edition, February 2013. This chapter addresses the operation, calibration, installation, maintenance and calculations for Coriolis flow meters used to measure natural gas flows. <https://publications.api.org/publications-store.aspx>. (Also available as American Gas Association Report No. 11, *Fundamentals of Coriolis Meters*. <http://asgmt.com/wp-content/uploads/pdf-docs/2013/1/002.pdf>)
66. API (2011). Technical Report 2571, *Fuel Gas Measurement*. 1st Edition, March 2011. This document provides guidance in the selection of flow meter type; differential pressure, displacement, ultrasonic, Coriolis, vortex, turbine, thermal, and others. It also describes associated instrumentation for measuring fluid properties and flowing conditions, obtaining and use of gas composition or other analytical data, design and installation requirements of the measurement system, inspection, verification and calibration practices of flow meters and their associated accessory instrumentation, and simplified uncertainty calculations. <https://www.api.org/products-and-services/standards>
67. Clearstone Engineering Ltd. (2008). *Guidelines on Flare and Vent Measurement*. Report Number 71380 prepared for the Global Gas Flaring Reduction Partnership and the World Bank. <http://documents1.worldbank.org/curated/en/689451468158369316/pdf/713800WP0Box370are0Vent0Measurement.pdf>
68. Zhang, Y., Gautam, R., Pandey, S., Omara, M. *et al.* (2020). 'Quantifying methane emissions from the largest oil-producing basin in the United States from space.' In *Science Advances*, Vol. 6, No. 17, eaaz5120, 22 April 2020. <https://advances.sciencemag.org/content/6/17/eaaz5120>
69. AAAS (2011). *Geospatial Technologies and Human Rights Project. Eyes on Nigeria: Technical Report*. American Association for the Advancement of Science. <https://www.aaas.org/resources/eyes-nigeria-technical-report/gas-flaring>
70. EDF (2021). 'Satellite data confirms Permian gas flaring is double what companies report' (website). Environmental Defense Fund. <http://blogs.edf.org/energyexchange/2019/01/24/satellite-data-confirms-permian-gas-flaring-is-double-what-companies-report/>
71. Viani, L. O. (2019). 'Study uses satellite data to pinpoint widespread oil industry 'flaring.' Article provided by the San Francisco State University and published on the Phys.org website. <https://phys.org/news/2019-02-satellite-widespread-oil-industry-flaring.html>
72. Elvidge, C. D., Brazilian, M. D., Zhizhin, M., Ghosh, T., Baugh, K. and Hsu, F-C. (2018). 'The potential role of natural gas flaring in meeting greenhouse gas mitigation targets.' In *Energy Strategy Reviews*, Vol. 20, April 2018, pp. 156-162. <https://doi.org/10.1016/j.esr.2017.12.012>
73. GGFR (2020). *Global Gas Flaring Tracker Report*. Global Gas Flaring Reduction Partnership. <http://pubdocs.worldbank.org/en/503141595343850009/WB-GGFR-Report-July2020.pdf>
74. Brandt, A. R. (2020). 'Accuracy of satellite-derived estimates of flaring volume for offshore oil and gas operations in nine countries.' In *Environmental Research Communications*, Vol. 2, No. 5. <https://iopscience.iop.org/article/10.1088/2515-7620/ab8e17>

-
75. API (2020). *Standard 520 Part 1: Sizing, Selection, and Installation of Pressure-Relieving Devices Part I—Sizing and Selection*. 10th Edition, October 2020. This standard applies to the sizing and selection of pressure relief devices used in refineries and related industries for equipment that has a maximum allowable working pressure of 15 psig (103 kPag) or greater. It includes basic definitions and information about the operational characteristics and applications of various pressure relief devices. <https://publications.api.org/publications-store.aspx>
76. API (2020). *Standard 520 Part 2: Sizing, Selection, and Installation of Pressure-Relieving Devices Part II—Installation*. 7th Edition, October 2020. This standard covers pressure relief valves or rupture disks which may be used independently or in combination with each other to provide the required protection against excessive pressure accumulation. <https://publications.api.org/publications-store.aspx>
77. API (2020). *Standard 521: Pressure-Relieving and Depressuring Systems*. 7th Edition, June 2020. This standard applies to pressure-relieving and vapor depressuring systems in oil refineries, petrochemical facilities, gas plants, LNG facilities, and oil and gas production facilities. The information provided is designed to aid in the selection of the system that is most appropriate for the risks and circumstances involved in various installations. It specifies requirements and gives guidelines for examining the principal causes of overpressure, determining individual relieving rates, and selecting and designing disposal systems, including piping, vessels, flares and vent stacks. <https://publications.api.org/publications-store.aspx>
78. Gaspar, J., Davis, D., Camacho, C. and Alvarez, J. J. (2016). 'Biogenic versus Thermogenic H₂S Source Determination in Bakken Wells: Considerations for Biocide Application.' in *Environmental Science and Technology Letters*. Vol. 3, Issue 4. <https://doi.org/10.1021/acs.estlett.6b00075>
79. Duissenov, D. (2013). *Production and processing of sour crude and natural gas - challenges due to increasing stringent regulations*. Norwegian University of Science and Technology. <https://core.ac.uk/download/pdf/30858314.pdf>
80. PetroWiki (2021). 'Sour Gas Sweetening' (website). https://petrowiki.spe.org/Sour_gas_sweetening
81. EIA (2019). 'Horizontal wells dominate US tight formation production.' Article published on the US Energy Information Agency website on 6 June 2019. <https://www.eia.gov/todayinenergy/detail.php?id=39752>
82. Rystad Energy (2019). *Permian gas flaring reaches yet another high*. Press Release, 5 November 2019. <https://www.rystadenergy.com/newsevents/news/press-releases/permian-gas-flaring-reaches-yet-another-high/>
83. Collins, G. (2019). *Reducing Oilfield Methane Emissions Can Create New US Gas Export Opportunities*. Issue Brief, 11.19.19. Rice University's Baker Institute for Public Policy. <https://www.bakerinstitute.org/media/files/files/9553353d/bi-brief-111919-ces-methane.pdf>
84. Fulford, D. S. (2018). *Multi-Phase Production Forecasting "Bubble Point Death?"* Society of Petroleum Evaluation Engineers. <https://spee.org/sites/spee.org/files/houston-2018-05-02-fulford.pdf>
85. EIA (2017). 'Natural gas production in Bakken region increases at a faster rate than oil production.' Article published on the US Energy Information Agency website on 28 November 2017. <https://www.eia.gov/todayinenergy/detail.php?id=33892>
86. IHS Markit (2019). "'Base Decline" Rate of Oil and Gas Output in Permian Basin has Increased Dramatically Because of Recent Growth; Operators Must Drill More Wells to Maintain Production Levels, IHS Markit Says' (website). IHS Markit News Release, 12 December 2019. https://news.ihsmarkit.com/prviewer/release_only/slug/energy-base-decline-rate-oil-and-gas-output-permian-basin-has-increased-dramatically-b
87. Kah, M. (2020). 'Columbia Global Energy Dialogue: Natural Gas Flaring Workshop Summary' (website). Columbia/SIPA Center on Global Energy Policy. <https://www.energypolicy.columbia.edu/research/global-energy-dialogue/columbia-global-energy-dialogue-natural-gas-flaring-workshop-summary>

-
88. US DOE (2019). *Natural Gas Flaring and Venting: State and Federal Regulatory Overview, Trends, and Impacts*. U.S. Department of Energy, Office of Oil and Natural Gas/Office of Fossil Energy. <https://www.energy.gov/sites/prod/files/2019/08/f65/Natural%20Gas%20Flaring%20and%20Venting%20Report.pdf>
89. Singer, T. (2020). *Flaring in the Oilfield: A Closer Look*. Western Environmental Law Center. <https://westernlaw.org/wp-content/uploads/2020/08/2020.08.05-WELC-NM-Flaring-Report.pdf>
90. Stewart, J. (2020). *Tackling Flaring: Learnings from Leading Permian Operators*. GaffneyCline. https://www.gaffneycline.com/sites/g/files/cozyhq681/files/2020-06/Tackling%20Flaring_Final.pdf
91. Kringstad, J. (2013). *North Dakota Natural Gas. A Detailed Look At Natural Gas Gathering*. North Dakota Pipeline Authority. <https://ndpipelines.files.wordpress.com/2012/07/ndpa-detailed-look-at-gas-gathering-2013.pdf>
92. Gould, T., McGlade, C. and Schulz, R. (2020). 'Flaring Emissions.' IEA tracking report (website). <https://www.iea.org/reports/flaring-emissions>
93. Kleinberg, R. L., Paltsev, S., Ebinger, C. K. E., Hobbs, D. A. and Boersma, T. (2018). 'Tight oil market dynamics: Benchmarks, breakeven points, and inelasticities.' In *Energy Economics*, Vol. 70, February 2018. <https://www.sciencedirect.com/science/article/pii/S0140988317304103>
94. Kah, M. (2020). 'Columbia Global Energy Dialogue: Natural Gas Flaring Workshop Summary' (website). Columbia/SIPA Center on Global Energy Policy. <https://www.energypolicy.columbia.edu/research/global-energy-dialogue/columbia-global-energy-dialogue-natural-gas-flaring-workshop-summary>
95. EIA (2020). 'North Dakota flared 19% of its gas production in 2019.' Article published on the US Energy Information Agency website on 22 April 2020. <https://www.eia.gov/todayinenergy/detail.php?id=43435>
96. North Dakota Industrial Commission (2021). Director's Cut Archive (website and downloads). Department of Mineral Resources, State of North Dakota. <https://www.dmr.nd.gov/oilgas/directorscut/directorscutarchive.asp>
97. NMOGA (2020). *Flaring in the Oilfield. Resources and strategies for understanding and reducing flaring*. New Mexico Oil and Gas Association. <https://www.nmoga.org/flaring>
98. U.S. Bureau of Land Management (2016). *Waste Prevention, Production Subject to Royalties, and Resource Conservation*. Federal Register Vol. 81, No. 223. <https://www.federalregister.gov/documents/2016/11/18/2016-27637/waste-prevention-production-subject-to-royalties-and-resource-conservation>.
99. API (2015). *Recommended Practice 100-2: Managing Environmental Aspects Associated with Exploration and Production Operations Including Hydraulic Fracturing*. 1st Edition, August 2015 (includes all amendments and changes through Reaffirmation Notice, August 2020). This recommended practice is applicable to the planning and operation of wells, and hydraulically fractured wells. Topics covered include: recommendations for managing environmental aspects during planning; site selection; logistics; mobilization, rig-up, and demobilization; and stimulation operations. The document includes a section on air emissions and control technologies. <https://www.api.org/products-and-services/standards>
100. Stewart, J. (2020). *Tackling Flaring: Learnings from Leading Permian Operators*. GaffneyCline. https://www.gaffneycline.com/sites/g/files/cozyhq681/files/2020-06/Tackling%20Flaring_Final.pdf
101. NMOGA (2020). *Flaring in the Oilfield. Resources and strategies for understanding and reducing flaring*. New Mexico Oil and Gas Association. <https://www.nmoga.org/flaring>
102. EIA (2020). 'North Dakota flared 19% of its gas production in 2019.' Article published on the US Energy Information Agency website on 22 April 2020. <https://www.eia.gov/todayinenergy/detail.php?id=43435>
103. Stewart, J. (2020). *Tackling Flaring: Learnings from Leading Permian Operators*. GaffneyCline. https://www.gaffneycline.com/sites/g/files/cozyhq681/files/2020-06/Tackling%20Flaring_Final.pdf

-
104. NMOGA (2020). *Flaring in the Oilfield. Resources and strategies for understanding and reducing flaring*. New Mexico Oil and Gas Association. <https://www.nmoga.org/flaring>
 105. Methane Guiding Principles (2019). *Synopsis. Reducing Methane Emissions: Best Practice Guide. Flaring*. <https://methaneguidingprinciples.org/best-practice-guides/flaring>
 106. IPIECA (2014). 'Green Completions' (website). <https://www.ipieca.org/resources/energy-efficiency-solutions/units-and-plants-practices/green-completions>
 107. U.S. Minerals Management Service (2004). *Guidance on Safety Of Well Testing*. Report No. 4273776/DNV. <https://www.bsee.gov/sites/bsee.gov/files/tap-technical-assessment-program//474aa.pdf>
 108. Selim, H. (2018). *Case Study; Well Test Flow back Into the Hull of a DNV DRILL(N) Class Drillship*. Presentation by Hussein Selim at EXPRO, 3 October 2018. <https://www.spe-aberdeen.org/wp-content/uploads/2018/10/SPE-Simplified-Series-Hussein-Selim-Expro-October-2018.pdf>
 109. Argonne National Laboratory (2017). *Analysis of Potential Opportunities to Reduce Venting and Flaring on the OCS*. Prepared by the Argonne Venting and Flaring Research Team for the U.S. Bureau of Safety and Environmental Enforcement. <https://www.bsee.gov/sites/bsee.gov/files/5007aa.pdf>
 110. IPIECA/IOGP/GGFR (2011). *Preparing effective flare management plans. Guidance document for the oil and gas industry*. <https://www.ipieca.org/resources/good-practice/preparing-effective-flare-management-plans-guidance-document-for-the-oil-and-gas-industry>
 111. US DOE (2019). *Natural Gas Flaring and Venting: State and Federal Regulatory Overview, Trends, and Impacts*. U.S. Department of Energy, Office of Oil and Natural Gas/Office of Fossil Energy. <https://www.energy.gov/sites/prod/files/2019/08/f65/Natural%20Gas%20Flaring%20and%20Venting%20Report.pdf>
 112. US EPA (2021). 'Recommended Technologies to Reduce Methane Emissions' (website). United States Environmental Protection Agency, Natural Gas STAR Program. <https://www.epa.gov/natural-gas-star-program/recommended-technologies-reduce-methane-emissions>
 113. IPIECA/IOGP/GGFR (2011). *Preparing effective flare management plans. Guidance document for the oil and gas industry*. <https://www.ipieca.org/resources/good-practice/preparing-effective-flare-management-plans-guidance-document-for-the-oil-and-gas-industry>
 114. API (2014). *Community Engagement Guidelines*. ANSI/API Bulletin 100-3, First Edition. This guidance document outlines what local communities and other key stakeholders can expect from operators. Both local stakeholders and operators can use the guidance to work through the challenges and impacts that occur during the industry's presence in a given region. It provides flexible and adaptable strategies, recognizing that application will vary from operator to operator and community to community. <https://www.api.org/oil-and-natural-gas/wells-to-consumer/exploration-and-production/hydraulic-fracturing/community-engagement-guidelines>
 115. IPIECA/IOGP/GGFR (2011). *Preparing effective flare management plans. Guidance document for the oil and gas industry*. <https://www.ipieca.org/resources/good-practice/preparing-effective-flare-management-plans-guidance-document-for-the-oil-and-gas-industry>
 116. PetroWiki (2021). 'Uncertainty range in production forecasting' (website). https://petrowiki.spe.org/Uncertainty_range_in_production_forecasting#:~:text=There%20should%20be%20at%20least,or%20exceed%20the%20best%20estimate
 117. GGFR (2019). *Global Gas Flaring Reduction Steering Committee Report*, presented at the May 2019 meeting of the GGFR Steering Committee held in Milan, Italy.
 118. Alfarge, D., Alsaba, M., Wei, M. and Bai, B. (2018). *Miscible Gases Based EOR in Unconventional Liquids Rich Reservoirs: What We Can Learn*. Paper Number SPE-193748-MS presented at the SPE International Heavy Oil Conference and Exhibition, Kuwait City, Kuwait, December 2018. <https://doi.org/10.2118/193748-MS>
 119. Rigzone (2021). 'How Does Gas Injection Work?' (website). https://www.rigzone.com/training/insight.asp?insight_id=345&c_id

-
120. Rossi, L., Gancheva, M. and O'Brien, S. (2017). *Financing climate action: opportunities and challenges for local and regional authorities*. European Union and the Committee of the Regions. https://climate-adapt.eea.europa.eu/metadata/publications/financing-climate-action-opportunities-and-challenges-for-local-and-regional-authorities/cor_2017_financing-climate-action-opportunities-and-challenges-for-lras.pdf
 121. CPI (2019). *Global Landscape of Climate Finance 2019*. Climate Policy Initiative. <https://www.climatepolicyinitiative.org/publication/global-landscape-of-climate-finance-2019>
 122. Carney, M. (2019). 'Fifty Shades of Green.' In *Finance & Development*, Vol. 56, No. 4, December 2019. <https://www.imf.org/external/pubs/ft/fandd/2019/12/pdf/fd1219.pdf>
 123. Bloomberg NEF (2017). 'First Green Bonds Sold by an Oil Giant Find Willing Investors' (website). First published 22 May 2017. <https://about.bnef.com/blog/first-green-bonds-sold-by-an-oil-giant-find-willing-investors/>
 124. Climate Bonds Initiative (2020). *Financing credible transitions. How to ensure the transitional label has impact*. <https://www.climatebonds.net/transition-finance/fin-credible-transitions>
 125. Malins, C., Searle, S., Baral, A., Galarza, S. and Wang, H. (2014). *Reduction of Upstream Greenhouse Gas Emissions from Flaring and Venting*. International Council on Clean Transportation. <https://theicct.org/publications/reduction-upstream-greenhouse-gas-emissions-flaring-and-venting>
 126. UNFCCC (2013). *Recovery and utilization of gas from oil fields that would otherwise be flared or vented*. Clean Development Mechanism report AM0009, Version 07.0. United Nations Framework Convention on Climate Change. <https://cdm.unfccc.int/methodologies/DB/ET4NXMVXFQ5C2EJ5L10F8YZIEVLVDA>
 127. Baker & McKenzie (2015). *International Joint Ventures Handbook*. https://www.bakermckenzie.com/-/media/files/insight/publications/2015/09/bk_jointventureshandbook_15.pdf%203Fla%203Den
 128. Agrawal, H., Al Shuayli, M. and Salmani, M. (2017). *Reducing Operational Flaring Through ALARP Based Decision Making*. Paper Number SPE-188748-MS presented at the Abu Dhabi International Petroleum Exhibition & Conference, Abu Dhabi, UAE, November 2017. <https://www.onepetro.org/conference-paper/SPE-188748-MS>
 129. The Environmental Partnership (2021). The Environmental Partnership is comprised of companies in the US oil and natural gas industry committed to continuously improve the industry's environmental performance (website). <https://theenvironmentalpartnership.org/>
 130. Texas Methane & Flaring Coalition (2020). *Flaring Recommendations and Best Practices*. <https://texasmethaneflaringcoalition.org/wp-content/uploads/2020/06/6-16-20-TMFC-Flaring-Recommendations-Best-Practices-Report.pdf>
 131. SkyTruth (2021). 'Flaring Maps' (website). <https://skytruth.org/flaring/>
 132. Colorado School of Mines (2021). 'VIIRS Nightfire (VNF)' (website). <https://payneinstitute.mines.edu/eog/>
 133. SkyTruth (2021). 'Flaring Maps' (website). <https://skytruth.org/flaring/>
 134. ESRI (2021). 'Permian Methane Analysis Project' (website). <https://data.permianmap.org/pages/flaring>
 135. EDF (2020). *Methodology: Permian Methane Analysis Project (PermianMAP). Data Collection and Analysis*. March 2020 update. Environmental Defense Fund. https://www.edf.org/sites/default/files/documents/PermianMapMethodology_1.pdf?view=table&sortOrder=desc&sortField=modified&folder=9d8436edf48d4792a38bcb33c80946f0#content
 136. Michelussi, T. (2006). *Best Management Practices for Facility Flare Reduction*. Canadian Association of Petroleum Producers. <http://docshare01.docshare.tips/files/20511/205115851.pdf>
 137. Khan, F. I. (2021). 'Bad Actor Program' (website). <https://reliabilityweb.com/articles/entry/bad-actor-program#:~:text=A%20bad%20actor%20program%20is,maintenance%20cost%20and%20plant%20downtime>

-
138. Kurz, R., Lubomirski, M and Brun, K. (2012). 'Gas Compressor Station Economic Optimization.' In *International Journal of Rotating Machinery*, Vol. 2012, Article ID 715017. <https://doi.org/10.1155/2012/715017>
139. Al Kamali, M. M., Houache, O., Hasan, H. A., Abdul-Wahab, S. A. and Agrawal, H. (2019). *Non Routine Flaring in Upstream Oil and Gas Industry Root Causes and Mitigations*. Paper Number SPE-197357-MS presented at the Abu Dhabi International Petroleum Exhibition & Conference, Abu Dhabi, UAE, November 2019. <https://www.onepetro.org/conference-paper/SPE-197357-MS>
140. Rahmania, A. and Purwanto, W. W. (2020). Simulation of boil-off gas effect along LNG supply chain on quantity and quality of natural gas. AIP Conference Proceedings 2223, 040004, International Energy Conference ASTECHNOVA 2019. <https://aip.scitation.org/doi/pdf/10.1063/5.0000853>
141. Kurle, Y. and Xu, Q. (2015). *Boil-Off Gas Minimization and Recovery Options at LNG Loading Terminals*. Presentation given at the AIChE Spring Meeting and Global Congress on Process Safety, 28 April 2015. <https://www.aiche.org/academy/videos/conference-presentations/boil-gas-minimization-and-recovery-options-lng-loading-terminals>
142. Naji, S. Z., Abd, A. A. and Hashim, A. S. 'Tracking boil off gas generation into liquefied natural gas supply chain using HYSYS simulator.' In IOPC Conference Series: *Materials Science and Engineering*, 579 012019. <https://iopscience.iop.org/article/10.1088/1757-899X/579/1/012019/pdf>
143. Khan, M. S., Qyyum, M. A., Ali, W., Wazwaz, A., Ansari, K. B. and Lee, M. (2020) 'Energy Saving through Efficient BOG Prediction and Impact of Static Boil-off-Rate in Full Containment-Type LNG Storage Tank.' In *Energies*, Vol. 13, Issue 21, 5578. <https://www.mdpi.com/1996-1073/13/21/5578/pdf>
144. API (2020). *Manual of Petroleum Measurement Standards*, Chapter 8.6: *Refrigerated Light Hydrocarbon Fluids—Sampling of Liquefied Natural Gas—Continuous and Intermittent Methods*. 1st Edition, May 2020. This chapter outlines good procedural steps required to accurately measure LNG and convey this information along the supply chain. <https://publications.api.org/publications-store.aspx>
145. API (2014). *Manual of Petroleum Measurement Standards*, Chapter 17.1: *Guidelines for Marine Inspection*. 6th Edition, June 2014. This chapter outlines good procedural steps required to accurately measure LNG and convey this information along the supply chain. <https://publications.api.org/publications-store.aspx>
146. API (2013). *Standard 620: Design and Construction of Large, Welded, Low-pressure Storage Tanks*. 12th Edition, October 2013 (includes all amendments and changes through Addendum 2, April 2018). This standard covers the design and construction of large, welded, low-pressure carbon steel above-ground storage tanks (including flat-bottom tanks) that have a single vertical axis of revolution. <https://www.api.org/products-and-services/standards>
147. API (2010). *Standard 625: Tank Systems for Refrigerated Liquefied Gas Storage*. 1st Edition, August 2010 (includes all amendments and changes through Addendum 3, June 2018). This standard covers low pressure, above-ground, vertical and cylindrical tank systems storing liquefied gases requiring refrigeration. It provides general requirements on responsibilities, selection of storage concept, performance criteria, accessories/appurtenances, quality assurance, insulation and commissioning of tank systems. <https://www.api.org/products-and-services/standards>
148. Chaker, M., Meher-Homji, C. B., Pillai, P., Bhattacharya, D. and Messersmith, D. (2015). 'Application of Boil Off Gas Compressors in Liquefied Natural Gas Plants.' In *Journal of Engineering for Gas Turbines and Power*, Vol. 137. <https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.656.9391&rep=rep1&type=pdf>
149. IGU (2018). *Flexible LNG Facilities. IGU LNG Committee 2015-2018*. International Gas Union. <https://www.igu.org/resources/flexible-lng-facilities-2015-2018/>
150. Sabram, T. M., Chen, F. and Dunn, J. P. (2019). *Less Is More: Flare Minimization During Cooldown*. Paper presented at the 19th International Conference & Exhibition on LNG, Shanghai, 1–5 April 2019. <https://www.gti.energy/wp-content/uploads/2019/10/153-LNG19-03April2019-Sabram-Ted-paper.pdf>

-
151. Heddin, A. (2019). 'How Methane Emissions May Be Tracked Via Satellite in Space.' Carlsbad Current-Argus; published on the GT (Government Technology) website on 9 October 2009. <https://www.govtech.com/products/How-Methane-Emissions-May-Be-Tracked-Via-Satellite-in-Space.html>
152. Teledyne FLIR (2021). 'Thermal Imaging Cameras for Flare Monitoring' (website). <https://www.flir.com/discover/instruments/gas-detection/thermal-imaging-cameras-for-flare-monitoring/>
153. Jeffery, K. (2018). 'Quantifying Methane Leaks and Flares from Gas Wells and Facilities.' *Finding Petroleum* Special Report, 13 November 2018. <http://83a7383a5e33475eed0e-e819cda5edf0a946af164bb0b2f2ae3c.r0.cf1.rackcdn.com/FPmethNov18.pdf>
154. Extrel CMS, LLC (2021). 'Monitoring Refinery Flare Emission with Single-Analyzer Solution' (website). <https://www.azom.com/article.aspx?ArticleID=12907>
155. UNDP (2009). *Supporting Capacity Development. The UNDP Approach*. United Nations Development Programme, Bureau for Development Policy, Capacity Development Group. http://www.undp.org/content/dam/aplaws/publication/en/publications/capacity-development/support-capacity-development-the-undp-approach/CDG_Brochure_2009.pdf
156. UNDP (2009). *Capacity Development: A UNDP Primer*. United Nations Development Programme, Bureau for Development Policy, Capacity Development Group. <https://www.adaptation-undp.org/resources/relevant-reports-and-publications/capacity-development-undp-primer#:~:text=It%20provides%20a%20simple%2C%20cogent,to%20national%20capacities%20for%20development>
157. UNDP (2008). *Capacity Development Practice Note*. United Nations Development Programme, Bureau for Development Policy, Capacity Development Group. Ed.: Kanni Wignaraja. http://content-ext.undp.org/aplaws_publications/1449053/PN_Capacity_Development.pdf
158. GGFR (2004). *Regulation of Associated Gas Flaring and Venting - A Global Overview and Lessons from International Experience*. Global Gas Flaring Reduction Partnership. Report Number 3. World Bank Group. <http://documents1.worldbank.org/curated/en/590561468765565919/pdf/295540Regulation1aringOno10301public1.pdf>
159. GGFR (2009). *Guidance on Upstream Flaring and Venting, Policy and Regulation*. Global Gas Flaring Reduction Partnership. <https://documents.worldbank.org/en/publication/documents-reports/documentdetail/200701468344636937/guidance-on-upstream-flaring-and-venting-policy-and-regulation>
160. EIA (2019). 'Natural gas venting and flaring in North Dakota and Texas increased in 2019.' Article published on the US Energy Information Agency website on 8 December 2020. <https://www.eia.gov/todayinenergy/detail.php?id=46176>
161. US EPA (2021). 'Actions and Notices about Oil and Natural Gas Air Pollution Standards' (website). <https://www.epa.gov/controlling-air-pollution-oil-and-natural-gas-industry/actions-and-notices-about-oil-and-natural-gas>
162. U.S. Department of Interior, Bureau of Land Management. 'Methane and Waste Prevention Rule' (website). <https://www.blm.gov/programs/energy-and-minerals/oil-and-gas/operations-and-production/methane-and-waste-prevention-rule>
163. US EPA (2021). 'Natural Gas STAR Program - Benefits.' United States Environmental Protection Agency website. <https://www.epa.gov/natural-gas-star-program/natural-gas-star-program>
164. US EPA (2021). 'Natural Gas STAR Program Accomplishments.' United States Environmental Protection Agency website. <https://edap.epa.gov/public/extensions/NGS/Accomplishments.html>
165. Natural Gas STAR Program (2011). *Install Electronic Flare Ignition Devices*. Partner Reported Opportunities (PRO) Fact Sheet No. 903. United States Environmental Protection Agency. <https://www.epa.gov/natural-gas-star-program/install-electronic-flare-ignition-devices>

-
166. GGFR (2004). *Regulation of Associated Gas Flaring and Venting - A Global Overview and Lessons from International Experience*. Global Gas Flaring Reduction Partnership. Report Number 3. World Bank Group.
<http://documents1.worldbank.org/curated/en/590561468765565919/pdf/295540Regulati1aringOno10301public1.pdf>
167. AER (2020). *Directive 060: Upstream Petroleum Industry Flaring, Incinerating, and Venting*. Alberta Energy Regulator, 7 July 2020. <https://static.aer.ca/prd/2020-10/Directive060.pdf>
168. UK Oil & Gas Authority, (2021). 'Flaring and venting' (website).
<https://www.ogauthority.co.uk/licensing-consents/consents/flaring-and-venting/>
169. Uearthed (2021) 'Revealed: The North Sea oil giants fueling climate change with millions of tonnes in preventable emissions.' Article by Lawrence Carter published on the Uearthed (Greenpeace) website on 1 February 2021. <https://unearthed.greenpeace.org/2021/02/01/north-sea-oil-flaring-climate-change/>
170. UK Oil & Gas Authority (2021). 'UKCS Flaring and Venting 2020 Report' (website).
<https://ogauthorityreports.wixsite.com/ukcs-f-v-report-2020>
171. GGFR (2004). *Regulation of Associated Gas Flaring and Venting - A Global Overview and Lessons from International Experience*. Global Gas Flaring Reduction Partnership. Report Number 3. World Bank Group.
<http://documents1.worldbank.org/curated/en/590561468765565919/pdf/295540Regulati1aringOno10301public1.pdf>
172. Helgesen, O. K. (2021). *Norway oil sector braced for huge carbon tax hike as new climate plan hatched*. Article published on the Upstream Energy Explored website on 8 January 2021.
<https://www.upstreamonline.com/environment/norway-oil-sector-braced-for-huge-carbon-tax-hike-as-new-climate-plan-hatched/2-1-941509>
173. Viscidi, L., Phillips, S., Carvajal, P. and Sucre, C. (2020). *Latin American State oil Companies and Climate Change. Decarbonization Strategies and Role in the Energy Transition*. Published by The Dialogue and the Inter-American Development Bank. <https://www.thedialogue.org/wp-content/uploads/2020/05/Latin-American-State-Oil-Companies-and-Climate-Change.pdf>
174. NGFCP (2021). 'Harnessing Nigeria's flare gas for sustainable value & wealth creation' (website). Nigerian Gas Flare Commercialisation Programme, Department of Petroleum Resources.
<https://ngfcp.dpr.gov.ng/>
175. IEA (2020). 'Flare Gas (Prevention of Waste and Pollution) Regulations 2018' (website). International Energy Agency. <https://www.iea.org/policies/8675-flare-gas-prevention-of-waste-and-pollution-regulations-2018>
176. NGFCP (2021). 'Harnessing Nigeria's flare gas for sustainable value & wealth creation' (website). Nigerian Gas Flare Commercialisation Programme, Department of Petroleum Resources.
<https://ngfcp.dpr.gov.ng/>
177. Toledano, P. *et al.* (2017). *Algeria Associated Gas Utilization Study*. Columbia Center on Sustainable Investment. <https://ccsi.columbia.edu/sites/default/files/content/docs/our%20focus/Algeria.pdf>
178. CLN (2019). *Study on Possible Reduction of Gas Flaring in Algeria*. Report prepared by Carbon Limits (Nigeria) for the Federal Institute for Geosciences and Natural Resources (BGR).
https://rue.bmz.de/en/releases/publications_new/topics/climate_environment_energy/BGR-Study_GasFlaring_Algeria.pdf
179. Toledano, P. *et al.* (2017). *Algeria Associated Gas Utilization Study*. Columbia Center on Sustainable Investment. <https://ccsi.columbia.edu/sites/default/files/content/docs/our%20focus/Algeria.pdf>
180. Chevron Australia Pty Ltd (2015). *Gorgon Gas Development and Jansz Feed Gas Pipeline: Best Practice Pollution Control Design Report*. <https://australia.chevron.com/-/media/australia/our-businesses/documents/gorgon-emp-best-practice-pollution-control-design-report.pdf>

-
181. GGFR (2004). *Regulation of Associated Gas Flaring and Venting - A Global Overview and Lessons from International Experience*. Global Gas Flaring Reduction Partnership. Report Number 3. World Bank Group.
<http://documents1.worldbank.org/curated/en/590561468765565919/pdf/295540Regulati1aringOno10301public1.pdf>
182. Federal Government of Nigeria (2019). *Nigerian Gas Flare Commercialisation Programme. Programme Information Memorandum*. January 2019, Rev. 1.
<https://ngfcp.dpr.gov.ng/resources/programme-information-memorandum>
183. Adesina, E. et al. 2017. *Understanding Natural Gas and LNG Options*. Report prepared for, and updated by, the U.S. Department of Energy, Office of International Affairs.
https://www.energy.gov/sites/prod/files/2017/11/f46/Understanding%20Natural%20Gas%20and%20Lng%20Options%20October%2011%202017_1.pdf
184. Derefaka, J. O. (2019). *Climate Change Impact and The Role of Harnessing Nigeria's Flare Gas in the Energy Mix Transition for Economic Development – Prospects & Opportunities*. Presentation on behalf of the Nigerian Gas Flare Commercialisation Programme, Ministry of Petroleum Resources, at the Society of Petroleum Engineers (SPE) Oloibiri Lecture Series and Energy Forum, 25 April 2019.
https://higherlogicdownload.s3.amazonaws.com/SPE/4e9ea2fc-118c-40ea-b32d-838dd330b863/UploadedImages/YEAR_2019/Final_SPE-NGFCP_Presentation_-_SPE_OLEF_2019_updated.pdf
185. Canilao, C. (2017). *Bankability: More than de-risking projects*. Article published on the World Bank Blogs website on 22 August 2017. <https://blogs.worldbank.org/ppps/bankability-more-de-risking-projects>
186. Rana, F. (2017). *Preparing bankable infrastructure projects*. Article published on the World Bank Blogs website on 26 September 2017. <https://blogs.worldbank.org/ppps/preparing-bankable-infrastructure-projects>
187. CPI (2019). *Global Landscape of Climate Finance 2019*. Climate Policy Initiative.
<https://www.climatepolicyinitiative.org/publication/global-landscape-of-climate-finance-2019>
188. Global Infrastructure Facility (2015). *Global Infrastructure Facility. A partnership platform for greater investment in the infrastructure of emerging markets and developing economies*.
<http://pubdocs.worldbank.org/en/339111429200383235/GIF-BriefingNote.pdf>
189. Meltzer, J. P. (2018). *Blending Climate Funds to Finance Low-Carbon, Climate-Resilient Infrastructure*. Global Economy & Development Working Paper 120. Brookings Institution.
https://www.brookings.edu/wp-content/uploads/2018/06/Climate-Finance_Working-Paper.pdf
190. MDB-IDFC (2015). *Common Principles for Climate Mitigation Finance Tracking*. A voluntary joint initiative of the Multilateral Development Banks' Climate Finance Tracking Working Group and the International Development Finance Club (IDFC).
<http://www.worldbank.org/content/dam/Worldbank/document/Climate/common-principles-for-climate-mitigation-finance-tracking.pdf>
191. Watson, C. and Schalatek, L. (2020). *Climate Finance Thematic Briefing: Mitigation Finance*. Overseas Development Institute and Heinrich Böll Stiftung. <https://climatefundsupdate.org/wp-content/uploads/2020/03/CFF4-2019-ENG-DIGITAL.pdf>
192. Convergence (2021). 'Blended Finance' (website).
<https://www.convergence.finance/blended-finance>
193. PetroWiki (2021). 'PEH: Monetizing Stranded Gas' (website).
https://petrowiki.spe.org/PEH:Monetizing_Stranded_Gas
194. Clews, R. J. (2016). 'Risk Analysis and Bankability for Oil and Gas Projects.' In *Project Finance for the International Petroleum Industry*.
https://www.researchgate.net/publication/301345174_Risk_Analysis_and_Bankability_for_Oil_and_Gas_Projects

-
195. Baker McKenzie (2019). 'Key Considerations in the Assessment of Project Bankability in Africa' (website). <https://www.lexology.com/library/detail.aspx?g=f65c6eb1-1fde-420d-a97e-51b002a68ae5>
196. Szczetnikowicz, S. et al. (2018). *Financing options in the oil and gas industry*. Practical Law UK Practice Note w-007-9168. Milbank; Tweed, Hadley & McCloy LLP; Thomson Reuters Practical Law (Finance). <https://www.milbank.com/images/content/9/7/v2/97930/Financing-options-in-the-oil-and-gas-industry.pdf>
197. Kaminskaite-Salters, G. (2009). 'Section 4 – Spending public finance to leverage private investment: specific instruments for specific challenges.' In *Meeting the Climate Challenge: Using Public Funds to Leverage Private Investment in Developing Countries*. Grantham Institute for Climate Change and the Environment at the London School of Economics and Political Science. <https://www.lse.ac.uk/granthaminstitute/publication/meeting-the-climate-challenge-using-public-funds-to-leverage-private-investment-in-developing-countries/>
198. Clearstone Engineering Ltd. (2020). *Best Practices for Catalysing Co-investment and Capacity-building*. Report prepared for the Climate & Clean Air Coalition (CCAC) in relation to the CCAC technology demonstration project 'Financing and Measuring Black Carbon Emission Reduction in the Oil and Gas Sector.' <https://ccacoalition.org/en/resources/best-practices-catalysing-co-investment-and-capacity-building-black-carbon-reduction>
199. UNFCCC (2021). CDM Project Search (Use the 'Advanced Search' feature with the 'Methodologies' field set to 'AM0009'). <https://cdm.unfccc.int/Projects/projsearch.html>
200. Michelussi, T. (2006). *Best Management Practices for Facility Flare Reduction*. Canadian Association of Petroleum Producers. <http://docshare01.docshare.tips/files/20511/205115851.pdf>
201. UNDP (2008). *Capacity Development Practice Note*. United Nations Development Programme, Bureau for Development Policy, Capacity Development Group. Ed.: Kanni Wignaraja. http://content-ext.undp.org/aplaws_publications/1449053/PN_Capacity_Development.pdf
202. European Commission (2021). 'Fuel Quality' (website). https://ec.europa.eu/clima/policies/transport/fuel_en
203. Council of the European Union (2015). 'Council Directive (EU) 2015/652 of 20 April 2015, laying down calculation methods and reporting requirements pursuant to Directive 98/70/EC of the European Parliament and of the Council relating to the quality of petrol and diesel fuels.' In *Official Journal of the European Union*, L 107/26. <https://eur-lex.europa.eu/eli/dir/2015/652/oj/eng/pdfa1a>
204. Council of the European Union (2015). 'Council Directive (EU) 2015/1513 of 9 September 2015, amending Directive 98/70/EC relating to the quality of petrol and diesel fuels and amending Directive 2009/28/EC on the promotion of the use of energy from renewable sources.' In *Official Journal of the European Union*, L 239/1. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32015L1513>
205. Lonza, L., Deix, S., Maas, H., Caiado, C., Hamje, H. D. C. and Reid, A. (2016). *EU renewable energy targets in 2020: 2015 Legislative update*. Technical Report 2016, EUR 28170 EN. https://www.concawe.eu/wp-content/uploads/2017/03/jrc103306_103306_20161220_jec_biofuels_study_pubsy.pdf