



# Update on Global Gas Flaring Reduction partnership

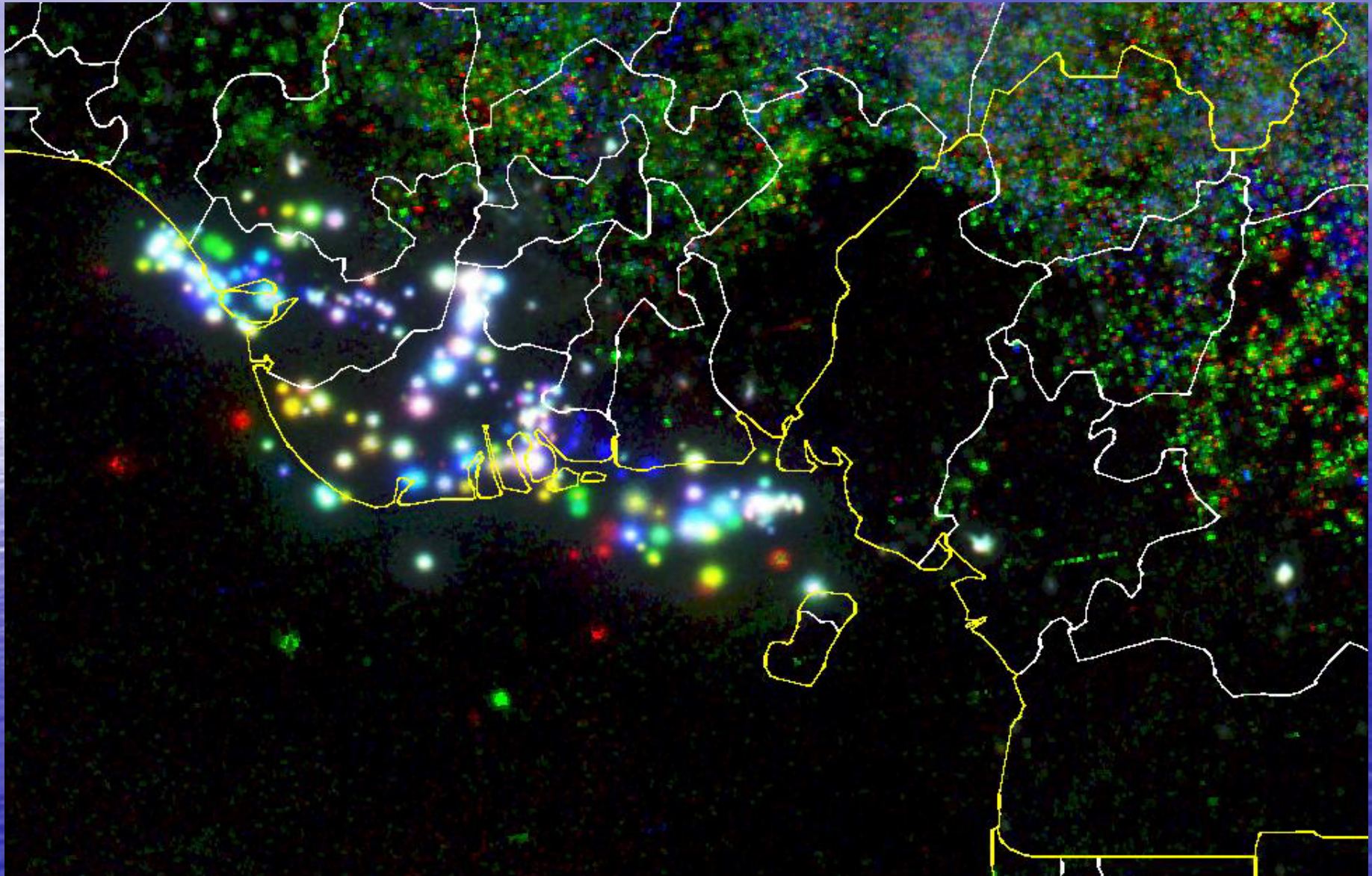
June 14, 2010  
World Bank Group  
Global Gas Flaring Reduction partnership







# Gulf Of Guinea 1992-2003

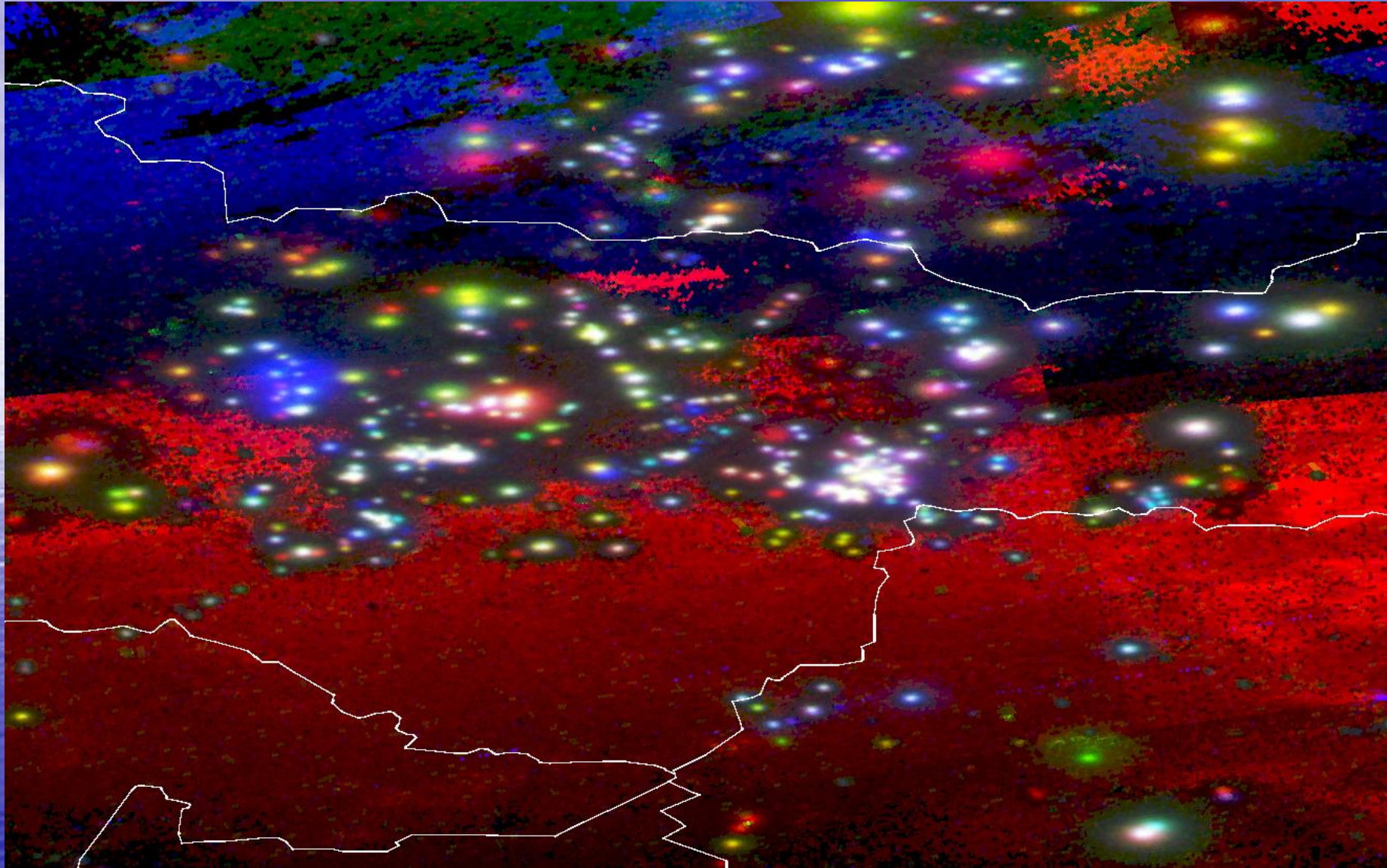


Source NOAA: DMSP-OLS Annual Composites of Nigeria and Cameroon

Red = 2003 only. Yellow = 2003 and 2000. Green = 2000 only. Cyan = 2000 and 1992. Blue = 1992 only. White = 2003, 2000 & 1992



# Western Siberia 1992-2003



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# GGFR update June 2010

- GGFR is now in its 3<sup>rd</sup> phase 2010-2012.
- The GGFR Charter became effective April 26, 2010.
- The Charter clarified and improved the governance of GGFR and introduced three Networks: A technical network, a communications network, and carbon finance network.
- These networks have just starting operating.

# Update on Kazakhstan

- GGFR is supporting the Ministry of Oil & Gas on various fronts, including:
- Improvement of gas flaring legislation, and advice on the Drafting “Gas Supply” Law
- Improvement of measurement of volumes of Associated Gas
- Identification of potential opportunities to combine utilization projects
- Review of Associated Gas Recovery Plans from 22 companies, including identifying ways of improving the economics of some projects



# Update on Russia

- GGFR representatives met with Deputy Governors in Khanty Mansiysk Autonomous Okrug, Russia, to discuss areas of cooperation, including assistance on economic assessment of small scale gas utilization projects and a “clustering” approach to make these projects economically viable.

# Update on Indonesia

- GGFR sponsored a study on Indonesia's upstream natural gas data management system in order to identify and outline measures for improving quality and accuracy of data required for identification and quantification of individual flares and analysis of gas utilization options.
- The study also included the survey of a group of fields for identification of specific flare reduction opportunities.



# Update on Mexico

GGFR began working with Pemex and the Secretary of Energy (SENER) focusing on:

- The first workshop on flaring and venting reduction best practices, covering policy regulations, measurement and accounting, operations and carbon finance.
- Reviewing Cantarell's field gas handling and injection facilities to reduce gas flaring, focusing on appropriateness in relation to the 2010-2014 gas production forecast and aimed at providing key observations and issues identified that require attention, and recommendations for further study.

# Update on Qatar

- GGFR is supporting HSE Regulations and Enforcement Directorate in the implementation of a country-wide gas flaring reduction program.
- After a workshop in Oct. 2009, GGFR facilitated 4 coordinating meetings between HSE and the new established Technical Working Groups (by operation zone).



# Update on Recent GGFR Events

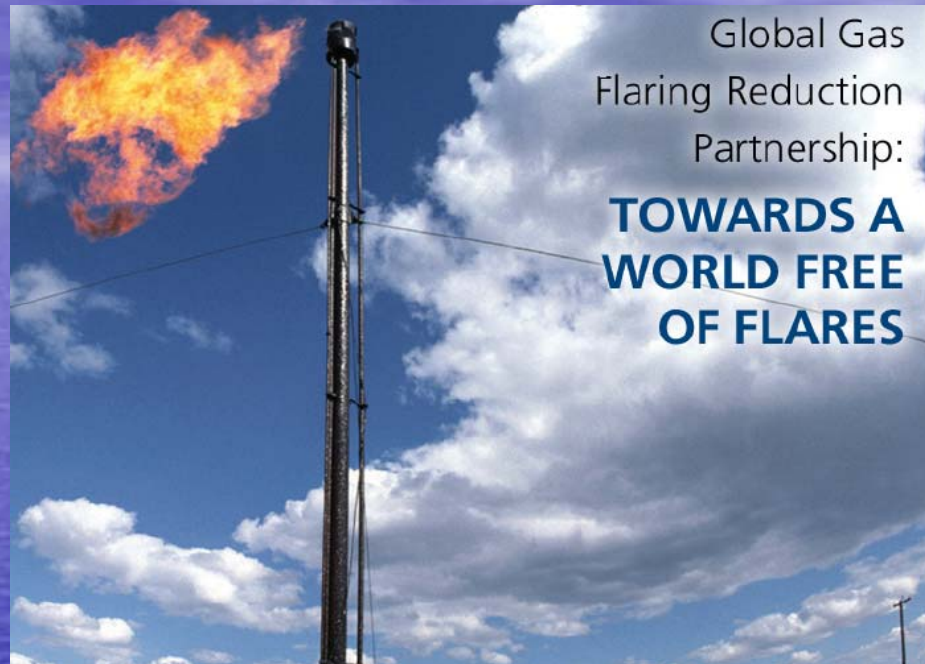
- GGFR and Masdar (Abu Dhabi's energy initiative) co-hosted the first Middle East & North Africa Forum on Flaring Reduction and Gas Utilization in Muscat, Oman, on May 10th -11th.
- The regional forum brought together relevant stakeholders in a platform for dialogue, best practices exchange, and potential business opportunities. Some of the sponsors included: Petroleum Development Oman, Oman LNG, Qalhat LNG, PricewaterhouseCoopers, and General Electric.
- GGFR and the Government of Kazakhstan organizes a Regional Workshop on gas flaring reduction in Astana, Kazakhstan, on June 17 - 18, 2010.
- Representatives from governments and national oil companies from Azerbaijan, Kazakhstan, Russia, and Turkmenistan, as well as international oil companies operating in Kazakhstan, participated in the event, and discuss common challenges and opportunities to increase the utilization of associated gas.

# Update on New Partners

- Pemex and Mexico's Sener joined GGFR in March 2010
- Wärtsilä Finland Oy joined GGFR as the first Associated Partner on June 14, 2010



# GGFR's Vision is...



Thank you!

Further information:

[www.worldbank.org/ggfr](http://www.worldbank.org/ggfr)