



**U.S. Agency for Global Media
(Formerly Broadcasting Board of Governors)**

**2018 Sustainability Report and Implementation Plan
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Executive Summary

The U.S. Agency for Global Media (USAGM), formerly the Broadcasting Board of Governors (BBG), is the U.S. Government’s civilian international media agency, encompassing the Voice of America (VOA), Radio Free Europe/Radio Liberty (RFE/RL), Radio Free Asia (RFA), the Middle East Broadcasting Networks (MBN), and Radio and TV Martí (under the Office of Cuba Broadcasting – OCB). USAGM provides content in 58 languages to more than 100 countries via radio (satellite, FM, medium wave (AM), and shortwave), terrestrial and satellite TV, the web, live streaming, mobile devices, and social media to a weekly global audience of more than 278 million people.

1. **Implementation Status and Progress for FY 2017 and FY 2018 (as applicable):** The Agency reports the following accomplishments, actions, and initiatives:
 - a. **Energy Efficiency:**
 - The Thailand Transmitting Station completed the conversion of two shortwave transmitters from vault modulator to solid state modulator (SSM) configurations. The station reports that the modulator conversion has resulted in an average power saving of over 20% for each transmitter.
 - The Germany Transmitter Station’s engineering team in Lampertheim developed, manufactured and installed new AMC (Amplitude Modulation Companding) boards for all transmitters at the Kuwait Transmitting Station. The Kuwait station reports a 25% - 30% reduction in transmitter power consumption as a result of the AMC conversion.
 - b. **Water Efficiency:**
 - The Philippines Transmitting Station reduced its FY 2017 potable water use by 75,553 gallons, or 6%. The reduction was primarily a result of re-piping the carwash bay from a potable water source to a non-potable water source.
 - The Botswana Transmitting Station draws non-potable water from the station well located at its medium wave site to water the gardens and to clean facilities around the station. This use of non-potable water has helped the station reduce its consumption of potable water purchased from the water utilities corporation.
 - c. **Transportation/Fleet Management:**
 - The Agency’s approach to Fleet Management savings in future acquisitions is to procure our motor vehicles through the GSA Fleet program whenever possible. Through this

approach we have already converted 14 of the Agency's domestic motor vehicles (45.1 % of the fleet) into the GSA Fleet Program.

- To minimize excess wear and tear on our vehicle fleet at the Kuwait Transmitting Station, the station consolidated its transportation from two 30-passenger buses, to one. This has created an immediate fuel savings and a reduction in the distance driven by 760 Km per week.

d. Greenhouse Gas Emissions:

- Currently, the Agency is on track to meet its greenhouse gas (GHG) reduction goals for reducing both Scope 1&2 GHG and Scope 3 GHG emissions. For FY 2017, the Agency reduced its Total (Target, Non Target, and International) Scope 1 and 2 GHG emissions by 4.9% when compared to FY 2016, and by 40.4% when compared to the FY 2008 baseline. The Agency also reduced its Total (Target, Non-Target, and International) Scope 3 GHG emissions by 11.1% when compared to FY 2016, and by 36.3% when compared to the FY 2008 baseline. The Total Scope 1, 2, and 3 GHG emissions combined was reduced by 5.7% when compared to FY 2016 and by 39.9% when compared to the FY 2008 baseline.

2. **Priority Strategies for Energy and Environmental Performance for 2019 and 2020:**

- a. The Agency will continue its focus on advancing energy efficiency and cost savings at the transmitting stations by making use of more efficient modes of transmitter operations and replacing inefficient lighting and HVAC systems. In addition, the Agency will investigate the following forward-looking strategies:
- The use of direct digital control systems for heating, ventilating, and air conditioning (HVAC) equipment at transmitting stations.
 - Initiating a new cycle of energy audits at the transmitting stations.
 - The feasibility of small-scale renewable energy systems at the transmitting stations.
 - Utilizing a new Orban AM/MW/SW audio processor to capture energy savings.
- b. The Agency will continue its focus on advancing cost savings and sustainability by reducing the consumption of water at the transmitting stations through conservation measures and greater use of alternative water sources for non-potable applications.
- c. Although the Agency's vehicles do not constitute a fleet—owing to the number of vehicles and their locations—the Agency will continue its focus on advancing energy efficiency and sustainability by reducing the size of its vehicle complement and taking other steps to improve efficiency. For example, the Agency plans to explore the use of telematics in passenger and light-duty vehicles.