

## ENVIRONMENTALLY-FRIENDLY VALUE CHAIN

### SRA Special Action Group for the Environment (SAGE)

#### Policy:

A team of SRA technical personnel called SAGE Team are deployed to regularly monitor the air and wastewater samples of sugar mills and sugar refineries if they are compliant with environmental standards. This activity of SRA is more of support services rather than regulatory to assist the sugar mills and refineries improve their wastewater treatment system and air pollution control device in order to mitigate greenhouse gas emissions and reduce the toxicity and biological /chemical oxygen demand (BOD & COD) of air and water effluents, respectively.

#### Activities:

In 2016, a total of nineteen (19) sugar mills in Luzon, Visayas and Mindanao were monitored wherein air emission and wastewater effluents were checked and sampled. A total of 138 air samples and 47 wastewater samples were analyzed and results of analysis were furnished to the sugar mills and refineries through the SAGE Environmental Monitoring Report that contains the results of air and water analysis.

In 2017, a total of sixteen (16) sugar mills in Luzon, Visayas and Mindanao were monitored wherein air emission and wastewater effluents were checked and sampled. A total of 141 air samples and 79 wastewater samples were analyzed and results of analysis were furnished to the sugar mills and refineries through the SAGE Environmental Monitoring Report that contains the results of air and water analysis.

In 2018, a total of sixteen (16) sugar mills in Luzon, Visayas and Mindanao were monitored wherein air emission and wastewater effluents were checked and sampled. A total of 135 air samples and 23 wastewater samples were analyzed and results of analysis were furnished to the sugar mills and refineries through the SAGE Environmental Monitoring Report that contains the results of air and water analysis.

#### TABULATED RESULTS OF SAGE ACTIVITIES 2016 - 2018

Year	Air Monitoring		Wastewater Sample
	No. of Sugar Mills	No. of Air Samples	
2016	19	138	47
2017	16	141	79
2018	16	135	23