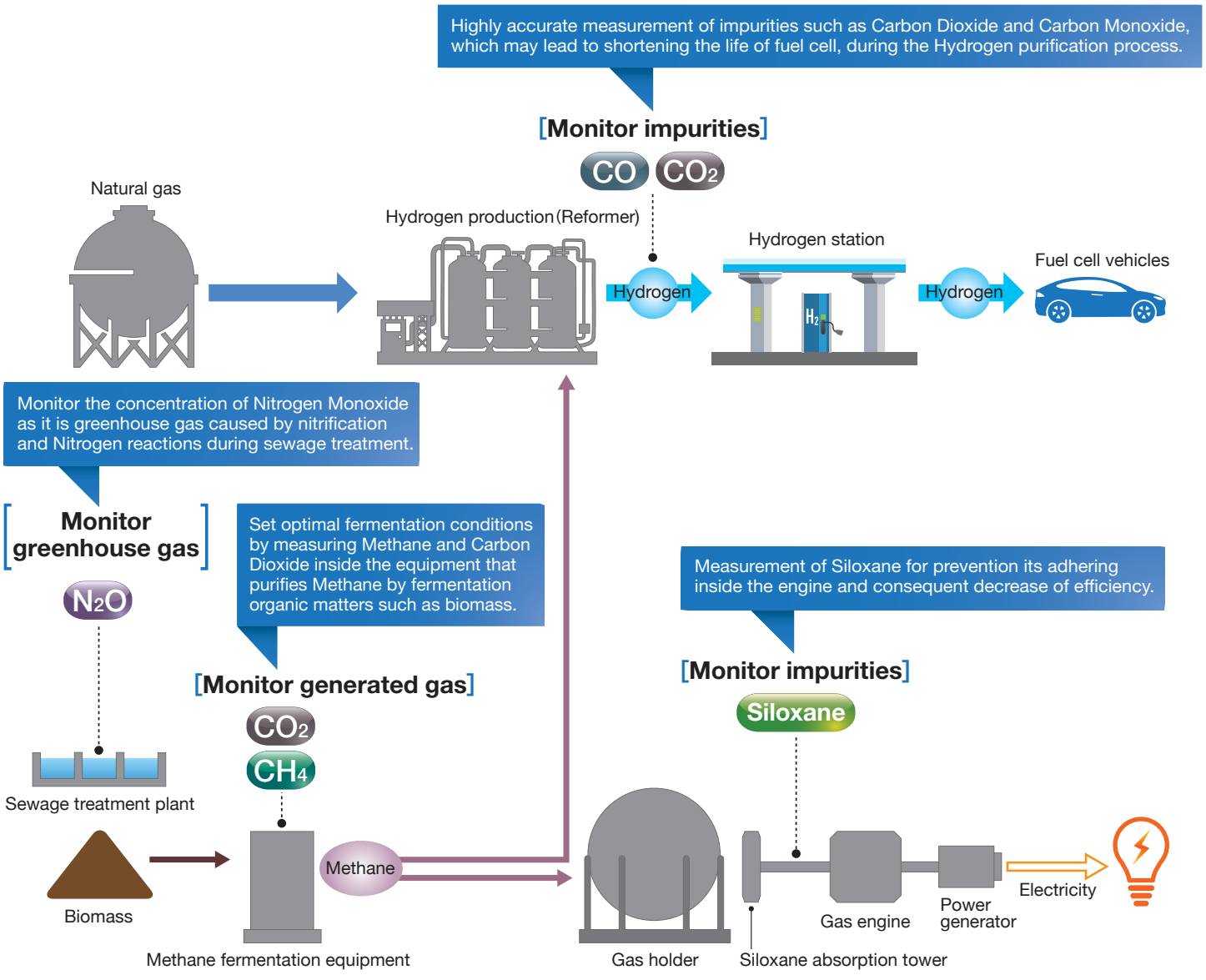
HORIBA

Contributes to
Clean Energy Technology

Continuous Monitoring of Impurities in the Process of Hydrogen and Methane Purification

Hydrogen which is attracting attention as the next generation of clean energy, is purified not only from water using electricity, but also from oil, natural gas, biomass, methane and other sources. If there are any impurities in the purified Hydrogen, it may lead to short life of fuel cell. Accordingly, highly accurate impurity measurement is of great importance.



Trace Gas Analyzer
GA-370

- Monitors trace impurities such as H_2, N_2, O_2 for quality control at gas manufacturing facilities
- Continuous measurement of up to two components among CO, CO_2 and CH_4
- Long term stability by Cross Flow Modulation type NDIR
- Minimum detection limit of 10ppb

Siloxane Analyzer
VA-5000

- Continuous high sensitivity monitoring of Siloxane generated by biogas purification
- Simultaneous measurement of CO_2 and CH_4 which contributes to efficient biogas power generation

Bulletin:HRE-0071A