

Case Study #1

BioTfuel

BioTfuel project is part of a global energy transition movement. It was launched in 2010 by a consortium of six partners: TOTAL, IFP ENERGIES NOUVELLES, THYSSENKRUPP INDUSTRIAL SOLUTIONS, AVRIL, CEA, AXENS.



What is BioTfuel?

BioTfuel aims to develop a thermochemical conversion of biomass into second generation biodiesel and biokerosene. These fuels have a particularly favorable environmental impact (more than 90% reduction in greenhouse gas emissions compared to conventional fuel).

To this end, the Bionext consortium began the construction of 2 experimental plants in North of France. From 2017, these facilities will deliver essential R&D data for a process extrapolation to a more industrial scale.

What is the involvement of AP2E in BioTfuel?

For this project, AP2E was selected to supply with 3 ATEX gas analysis systems. These on-line instruments will monitor several compounds present in the gas flows generated by the gasification platform (multiple purposes: process, R&D, safety ...).

Advantages conferred by AP2E patented technologies were key arguments in obtaining the contract: multi-gas analysis possibility, high sensitivity and high selectivity, fast response time and low maintenance costs.

Once again, this success confirms AP2E as a major player in the world of gas analysis solution providers in Europe for process and safety applications. [Click here to learn more about ProCeas® Biogas & Syngas analyzer](#)

Case study #2

SAFIRE - ProCeas® measurements in upper atmosphere

Based in Toulouse, SAFIRE is a unique investigation project for environmental research, as well as aeronautic developments.

It operates 3 instrumented airplanes for inflight measurements in upper atmosphere (40.000 feet). AP2E supplied with a ProCeas® CO analyzer to be installed onboard the airplanes. ProCeas® was selected for its strong performances in inflight conditions.



Indeed, ProCeas® is not impacted by pressure variations due to its patented low-pressure sampling (LPS). The measurement cell is thermo-regulated and is not affected by sample temperature fluctuations.

[Click here to learn more about ProCeas® CO analyzer](#)

AP2E Careers

Join our team !



AP2E is looking for a Junior and a Senior Production and Maintenance technician officer (M/F).

Within our production team, your main responsibilities will include our systems final assembly, tests and commissioning both in France and abroad. [Read more...](#)

AP2Events

21st Iran International Oil & Gas, Refining & Petrochemical exhibition



Further to the recent lifting of sanctions, AP2E investigated the Iranian market.

AP2E attended the [21st Iran International Oil & Gas, Refining & Petrochemical exhibition](#) in Tehran in May 2016 along with its distributor AVA Instruments.