

Bio-methane Regions Partner : REGIONE ABRUZZO/ARAEN

Deliverable: 5.4 Report of the action that were taken to follow up on any resolution.

Regione Abruzzo/Araen organized 5 AD meeting throughout the duration of the project, identifying the members of the AD committee among interested stakeholder, local administrators and representatives of the different involved association, such as farmers associations, firm associations.

All the activities carried out throughout the project have been discussed and validated by the AD members both in formal meetings but also using a constant exchange of points of views trough e-mails and telephone conversations.

The above mentioned actions have been carried out in particular for some outstanding deliverable such as the D 2.1.2 Country specific condition and barriers report regularly updated , D 2.3 Regional Action plan, D 3.2.2 Report on assisting developers, the contents and organization of seminars and all the Deliverables included in WP5 which have been mentioned during the last AD committed and circulated via e-mail later on .

The AD members insisted on the importance to include incentives and actions and measures in favour of biogas and biomethane in local regional plans. It is very important that local stakeholders feel that the institutions are near and support their activities.

Moreover the AD members highlighted the importance to focus more on biomethane now that there have been new regulations from the legislator. Regione Abruzzo regional policies drawn by the regional government should now adapt to the new regulations dated December 2013.

As to the document D. 5.1 Promotion of biomethane and its market development through local and regional partnership, the AD members agree on the fact that an effective monitoring

scheme is a fundamental prerequisite to AD plants and that online or web based monitoring systems are very important in the process in AD plants. Parameters such as digester temperature and pH, gas flow rate and biogas composition should be monitored online. The AD members, on the other hand, underlined that the monitoring does not replace qualified personnel which contribute to the safety and the profitability of the plant.

As to D.5.2 and 5.3 the AD members did not give any specific advice on this document due to a lack of experience in the biomethane plant monitoring.

The AD members found important to monitor the types and characteristics of the substrates, their preparation and storage and the digester design because they have a significant impact on the performance of the AD plant. This is especially true in Italy where there are not working plants yet and therefore it is particularly important to monitor these data that could be useful also for future projects.

Other outstanding aspects that caught the AD members' attention are the importance to optimise the digester performance through monitoring activities and the fact that depending on the biogas upgrading technology applied, the monitoring and storing of certain plant operation parameters allow for the identification of plant performance deterioration or possibilities for efficiency enhancement.

Just like other types of plants, a great importance is taken by maintenance and servicing because a good management and planning of such activities allow to maximised plant availability and economic advantages.

In conclusion, the AD members carefully analysed and gave advice on the proposed documents and they agreed with them without requiring any outstanding change also because we are still waiting for technical regulations to be drawn for biomethane injection into the grid.