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Samso Energy Agency
Strandengen 1
Ballen
DK-8305 Samso
FAO : Mr Jantzen Jan

Subject: Grant Agreement EIE/Type 2/04/191/S07. 38550
Final Report
Ref: Final Report (A 8161)

Dear Mr Jantzen,

Thank you for sending additional information to our requests (your e-mails of 17.03.2009 and 10.05.2009), in order to complete the Reports. I have now analysed the Report and the assessment is that the report shows satisfactory implementation of the Work Programme and it is approved for the technical side. In particular my comments are as follows:

Samso: The Agency employs 2.5 full time staff as per Agreement, but in practice six people work all together, including one part time journalist and two part time teachers. The objective of Samso Energy Agency is to expand the dissemination on RUE and RES to all the County. The area covered is the new County of Jutland, instead of the initially proposed Aarhus county, because of the new national political division of regions in Denmark.

Energy planning: The Agency is helping the municipality with the planning rules for new district plans. The goal is to make a thematic district plan for the whole island, where the demand will be energy class 1 (reduction of energy consumption by 50%), an ambitious target which goes beyond national policy objectives.

In sector activities the Agency checked energy savings in municipal buildings. Each building is examined and given an energy mark. This mark and report indicates possible measures for energy savings. The energy marks attributed are renewed every third year. Next step is the actual renovation of buildings. A future task for the Agency is to control electronically the energy consumption of municipal buildings. The construction of an hydrogen plant beside the Academy has been initiated and promoted by the Agency. The produced hydrogen comes from the wind farms and it is used for the hydrogen truck. The procurement of more vehicles using hydrogen is planned. The houses to be built near Energy Academy will also use hydrogen for energy supply, they are equipped with CHP for electricity and heating and they are planned as passive houses. The idea is to get Samso as a show case in this area too.

In horizontal activities, a workshop has been organised for the members of the North Sea – Commission for Peripheral and Maritime Regions. 19 Danish municipalities have participated to courses on "how the energy balance for the municipal area can be used as a tool for future

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plans on RUE and RES", organised together with Energy Academy. These courses can be replicated for other areas of Denmark as well, so that the regional goal of 50% RE in 2025 and CO2 reduction become a reality. A free call centre operates to give advice to private homes. School classes also visit Energy Camp School from all over Denmark and they learn about RE and fossil fuel, they also learn by doing.

The Energy Academy together with Energy Agency was given a grant from Central Denmark Region-for dissemination activities in 2009. The establishment of Energy Academy has been a major key point in this plan A two day International Conference has been organised to celebrate both the launching of the Energy Academy and the 10 years RE island (October 2007). Since the opening of the Academy there have been more than 7.000 visitors. Another dissemination event of international range has been the study visit of 52 Embassies in Denmark, organised in collaboration with the Ministry of Foreign Affaires.

The Energy Agency can be considered as a great success and the expected goals have been reached. The Agency has successfully collaborated with local communities, regional and private funding, resulting in the establishment of the Energy Academy, as a mile stone of its work. The hydrogen project and the houses to be built next to Academy are some of the outcomes of the Agency collaboration with industry.

There is currently a portfolio of projects which will last for the next three years. The future activities include also giving courses, as a new source of income. Besides that, the Samsø municipality, as member of the Management Board has declared its support to the operation of SEA with co-financing when needed. The municipality acts as a guarantee for the continuity of the Agency which seems secured.

Tenerife : The Agency has apart from the Director, another six full time staff: four project managers and two dissemination managers. Premises are in an industrial park, easily communicated by main cities and close to RES plants and an educational technological walkway on energy. The energy planning has been carried out and an Island Power Plan is defined with all potential of RES (marine & wave among others).As part of planning activities, a wave energy project was carried out. It consisted of a feasibility study for implementing wave energy systems in various ports. An Energy Advice Office has been created to help citizen, public and private bodies. With the collaboration of ITER, the Agency has undertaken the dissemination, education and training tasks in several projects: among them to note the PV panel installed on the roof of a public building. Again with ITER the "design standards for reduction of energy consumption in houses in hot climates" have been produced. A Conference was organised for the training of local authorities on energy efficiency in public buildings and another seminar for the training of citizens and professionals of hotels on integration of RES to hotel sector. A campaign on "the role of energy in Climate Change" took place in different locations of the island including a drawing contest. Some of the activities derived from Interreg IIIB projects in Macaronesia region. They were implemented by ITER but the Agency undertook the dissemination and education tasks using the material produced out of these projects in the island of Tenerife: guides, videos, manuals. So the activities have been complementary to each other, since the educational and dissemination material was ready. In the same way other informative leaflets produced by the Agency of Tenerife were used to other Canary Islands, under the collaboration with the Intermunicipal Association like a set of good practices and educational material for schools. The Agency's strong point was in education and dissemination and organised a lot of workshops and seminars during other events as well. A mobile exhibition is to be mentioned among the accomplished tasks. The cooperation is very developed with all

local stakeholders deriving to local support which gives the certainty for the continuation of the Agency.

Performance Indicators are linked with a number of studies undertaken, a good number of collaboration agreements, education, training and dissemination activities and they are good. The Agency has secured its continuity for the next years through a detailed co-financing table signed by the local authority, Cabildo of Tenerife.

Iceland One of the first tasks of the Agency was to create a strong web site. The Agency provided in this way, a good and automated service and at the same time promoted itself as a new player regarding energy issues in Iceland. The information on the site is very interactive. Some very interesting calculators were made, where people can access information in an interactive way making the material more relevant and personal. An example is the first calculator with an interactive database with information for around 1500 vehicle types. This original work opened many possibilities for different displays of information. The total number of visits of the web is up to 277.529, in a country of only 300.000 inhabitants. Sector activities include: energy efficiency in space heating, Energy efficiency in Transport, Electricity use in households (light bulb calculator, calculator for household appliances), and Renewable energy. In Transport, an interactive calculator for vehicle comparison is in the web site and involves auto shops and citizens who decide to buy a car. There is also a vehicle labelling system and Eco driving simulators introduced to the public. A memorandum of understanding is signed with Car Companies and the Agency will be in charge of the test program for imported vehicles since 2009. In the RES sector the Agency assisted to the creation of a renewable energy park. It gave also technical assistance to the installation of the first wind turbine in Iceland to be connected to the grid. Drafted and presented educational software about hydro- and geothermal power plants in Iceland. Heat pump projects and a public service like e.g. the vehicle labelling system on the website have increased the interest in the agency. In horizontal activities the Agency organised two Conferences, one of them as the official launching of the Agency, with an interesting agenda: energy use in households and the industry and the possibilities of energy savings in both sectors. In the exhibition of that Conference, people could also experience the weight of their daily CO₂ emission with dumbbells. Regarding energy efficiency in companies, the Agency rewarded companies that distinguish from others in some specific energy sectors with good practice or with new technique. Companies having got rewards usually advertise it and the agency and the project gets good promotion through this action.

The Performance Indicators as shown in the results for each project implemented are very good. Calculators for trips and vehicles were visited over 21.000 times in the course of less than two and a half year. Vehicle labelling system calculator was visited over 32.000 times since opened. The bike to go to work calculator, resulted in 7.000 participants travelling for 410.398km with energy savings of 45.000toe. Energy savings for private houses in kWh and money saving in local currency are proved by the high use of calculators. The Agency assisted in the creation of temporary jobs in the construction industry. By the wood heating project, energy savings were about 12.000kWh of electricity.

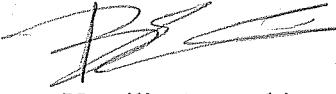
Regarding co-funding, the Parliament has approved an increase of the budget for energy saving activities in order to be able to guarantee funding for the Energy Agency.

All three Agencies have developed European collaboration through common meetings and exchange of best practice and they participated to European Info days, trainings and Managenergy events.

Please be informed that the Final Technical report has been approved. The financial assessment has also been concluded. You will receive in due time feedback to the financial statements together with the payment breakdown. Please note that the execution of the Final payment still needs to be cleared by the EACI authorising officer.

Please do not hesitate to contact me for any questions you might have.

Best Regards

A handwritten signature in black ink, appearing to read 'V. Argyraki', with a stylized flourish at the end.

Vassilia Argyraki
Project Officer