



**Future Energy
Yorkshire**

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Mr A Thornton
Bioflame Ltd
South View Yatts
Pickering
North Yorkshire
YO18 8JN

Your Ref: F0100
Our Ref: Bioflame - Letter of support

Date: 29 July 2008

Dear Alex,

RE: Bioflame, support for future projects

Further to our telephone conversation of 24th July, 2008, I am writing to provide support for Bioflame's technology in respect of your proposed project in Barking and Dagenham, London. As you know, FEY is a programme funded by Yorkshire Forward, the regional development agency for the Yorkshire and Humber region, set up to increase the deployment of new and renewable energy technologies within the region. As such, I believe we are in a strong position to provide impartial advice on the merits and disadvantages of your technology.

Under BERR's current proposals, the Bioflame technology is classed as a post-demonstration technology under the Renewables Obligation if burning regular biomass fuels. As our work with the testing laboratory TES Bretby has shown, the waste wood used at the Pickering site has a biomass content of greater than 90% by energy content and therefore is classed as biomass under the Renewables Obligation. Furthermore, if you were to use energy crops as a fuel, it would be classed as an emerging technology alongside gasification, pyrolysis and anaerobic digestion. These two classifications clearly demonstrate that the technology is a new renewable energy technology, quite distinct from traditional mass burn, energy from waste technologies.

Whilst advanced conversion processes such as gasification and pyrolysis may offer some advantages in the longer term, we do not believe that the currently available technologies offer any advantages over Bioflame technology. In particular, our work on such technologies indicates that they do not currently offer better efficiency and there remain substantial technical risks which may result in lower performance than expected. We also believe that Bioflame's technology represents a bankable solution that will lead to the more rapid deployment of carbon abatement technologies than will be possible if advanced conversion technologies are relied upon.

Your demonstration project in Pickering, in the North York Moors National Park, has, we understand, been accepted as Best Available Technique by the Environment Agency and has clearly demonstrated the ability of the technology to operate within strict environmental limits.



The Yorkshire and Humber Sustainable Futures Company Limited (SFCo) trading as Future Energy Yorkshire.
SFCo is a company limited by guarantee registered in England No. 5383346, registered office 2 Victoria Place, Leeds, LS11 5AE.

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Project Part-Financed by the
European Union

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Furthermore, it has demonstrated that this technology can be used to successfully divert waste (such as waste wood) from landfill, resulting in significant additional carbon savings.

I would like to wish you success with your future ventures.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'R Lee', written in a cursive style.

Richard Lee
Programme Director