**November 23, 2010** 

Re: Manning Innovation Awards - Endorsement for Mr. Ivan Milin

**Attention: Selection Committee** 

We are writing this letter to provide an endorsement concerning our work with Ivan Milin. During the past year we have actively been engaged with Ivan in developing opportunities for the Milinator Technology in strategic parts of the world. Our hope is to be the first group to establish the Milinator Technology in China and Africa.

Clean Energy Services is a Beijing firm that identifies and introduces new environmental technologies primarily to China. Our focus is around technologies that can be applied to the safe disposal of animal waste. Please note that we only pursue investment efforts where the technology offers a low carbon footprint and has patent protection – Ivan Milin's invention meets both of these critical requirements.

Our primary interest in the Milinator technology is our desire to help China with their massive animal waste challenge. We had been actively seeking opportunities that handled waste in a low emission process and also produced an end product(s) that were commercially attractive. We were also trying to identify a process that was organic versus chemical. We feel Ivan's invention for the disposal of animal waste will have far reaching impacts especially in impoverished areas of the world where fertilizer and feedstock are an expense that many farmers can not afford.

To assist us we secured the assistance of Prof. Li Ji of the Department of

Ecology and EcoEngineering, College of Resources and Environmental Sciences, China Agricultural University to act as a technical advisor for Clean Energy Services in reviewing Ivan Milin's invention. Prof. Li Ji's review has led us to plan for setting up a commercial facility in China for the Milinator technology. Prof. Li Ji is considered a compost and fertilizer expert and has had a great deal of experience in working with technologies in the animal waste sector – see table below.

## RECENT RESEARCH PROJECTS:

Project name	Fund agency	Period
Research and demonstration on the technology of integrated cropping and animal husbandry in suburban Beijing	MOST(Ministry of Science and Technology),China	2008-2010
Biological treatment of organic solid wastes and production of high efficient organic fertilizer	Guangdong province and MOE(Ministry of Education),China	2006-2009
Research on the technology and demonstration of ecological agriculture in Beijing	Beijing Education commission	2006-2010
Technology and industrialization of commercial organic fertilizer	MOST(Ministry of Science and Technology),China	2007-2010
Research on the demonstration of commercial organic fertilizer production by using animal manures	MOST(Ministry of Science and Technology),China	2007-2010
Research on technology and demonstration on the non-point pollution control in intensified farmland in Northern China	MOST(Ministry of Science and Technology),China	2007-2010
Composting treatment of sewage sludge and the production demonstration of organic fertilizer	Guangdong province and MOE(Ministry of Education),China	2009-2011

In our opinion, supported by Prof. Li Ji's expertise, we feel that the Milinator technology is unique in that it will not only assist with the safe disposal of animal waste but produce fertilizer and animal feedstock which is in short supply in China. We can represent that there is a great deal of interest from the China Agricultural University concerning Ivan Milin's invention and the positive impact it will have on agriculture in China.

We have also been liaising with Mr. Teamrat Guangul, 1<sup>st</sup> Secretary, Embassy of the Federal Democratic Republic of Ethiopia. Ethiopian Government officials in Beijing are assisting us in the introduction of the Milinator technology into Ethiopia. Ethiopia has to import almost 100% of their fertilizer therefore the opportunity to produce a reliable and home sourced fertilizer would have an almost transformational effect on agriculture in Ethiopia. The fact that the Milinator produced outputs will be organic is something that is of great importance to the Ethiopian Government especially around Ethiopia's production of organic coffee beans – the leading export product for Ethiopia.

In our opinion, the introduction of Milinator technology in countries such as China and Ethiopia show the unique and special attributes of Ivan Milin's technology. Ivan has been tremendously supportive in his efforts to educate and inform us of all the unique features of the Milinator technology. In our opinion, the Milinator technology is going to have a tremendous humanitarian impact especially within countries where agriculture plays such an important role in sustaining life – the credit for this achievement will rest on the significant role that Ivan has had in the development of the Milinator technology.

We respectfully give Ivan Milin our fullest endorsement and wish him every

success with the Manning Innovation Awards. It is simply not just a technology that will improve animal waste practices but a technology that will significantly impact and improve the lives for many people - especially in rurally depressed regions of China and Africa. We are indeed proud of our association with Ivan Milin and wish him all the best with this opportunity.

If further information is required please do not hesitate to contact us directly at any of the contacts noted below. Thank you.

Kindest regards,

Scott Lamont

CEO

scott@cleanenergyservices.asia

www.cleanenergyservices.asia

(86) 1355 277 3066 Beijing, PRC