



## Bhumi Pujan of EcoEquipments

Dear Readers,

Developing countries all over the world are in a race to ramp up their infrastructure as they rapidly move towards an era of progress and development. The central focus of these projects is to help countries achieve their economic and social development goals. However, infrastructure projects have a tremendous impact on the environment, that governments and organizations such as ours need to address in an effective manner.

Take the road construction sector as a case in point. In developing countries such as India, the process of road construction involves melting of bitumen at site. The fuels used in this process are either wood or fossil fuels, that can lead to deforestation/GHG and other emissions. Similarly, there are processes within the steel industry and other domains that are the drivers of infrastructure growth in a country, which take a toll on the environment in multiple ways.

At Abellon, we believe that modern bioenergy can effectively address many of the environmental challenges posed by infrastructure development projects. Our goal is to work with nations to nurture and protect the environment while achieving economic progress and social development - while helping to make the world cleaner, greener and more equitable.

### HIGHLIGHTS



Bhumi Pujan of EcoEquipments Manufacturing Plant

Renewal of "One Cert" - organic standard certification for Pelleted fertilizers

Editorial

Beena Hiremath  
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Design & Production

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**Bhumi Pujan of EcoEquipments Manufacturing Plant:** One more step towards our effort of providing sustainable solutions...

Abellon notched up one more milestone in its journey, with the foundation ceremony of our own EcoEquipments manufacturing plant at Vithalapara, Gujarat. Covering an area of 10000 sq.mts., the plant has the capacity to manufacture our range of clean cookstoves, burners, and other equipment developed from time to time.

The ceremony was marked by a small Puja, followed by an inspirational address by our MD and CEO, Mr. Aditya Handa and President Mr. Pankaj Patel.



## Industrial Pellet Burners: A clear, cost effective and user friendly solution for the road construction industry

India is a developing country and has huge potential in infrastructure development including plans to construct 54000 km. of highways.

Bitumen, the key ingredient in road construction, is a substance that is heated up at road construction sites all over India. This is currently done using wood or fossil fuels – a process which generates significant GHG emissions, and harms the environment.

Abellon's industrial burner is an eco-friendly and sustainable solution for the road construction industry, through which Bitumen heating can be done with the help of our carbon neutral Pellets, thereby reducing GHG emissions from road construction, and maintaining a clean, green and healthy environment.

The company has successfully installed its first industrial burner for road construction in Gujarat.



## Renewal of "One Cert" - organic standard certification for Pelleted fertilizers

We are happy to announce the renewal of "OneCert" for production and storage of pelleted fertilizers (Mr. Prontos, Banana Gold and Sampurna) after successful audit of our manufacturing facility at Vithlapara, Gujarat, on 7th November 2014.

The facility is approved for production under Agricultural and Processed Food Products Export Development Authority (APEDA) by OneCert Asia Agri Production Pvt. Ltd. One Cert is an organic standard defined by the country certifying that a product has been produced in accordance with applicable Organic Standards. It helps to differentiate between certified organic and conventional products.

Kudos to the R&D, production and other teams, which worked together to make this achievement possible.

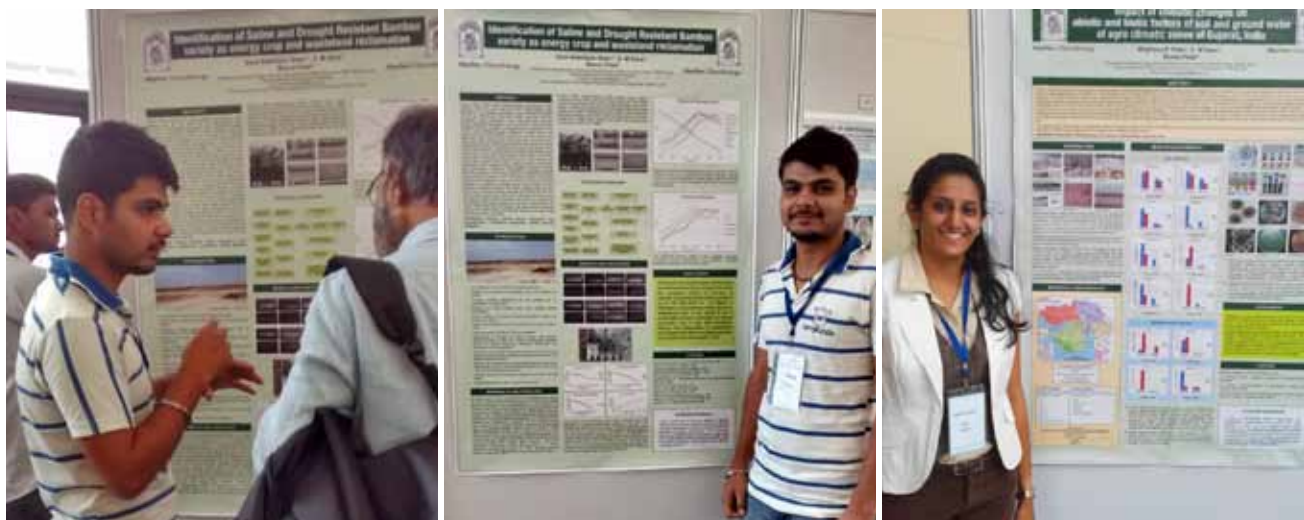


**OneCert**<sup>®</sup>



## Presentation by Research Scholars @International Conference on Emerging Trends in Biotechnology

Two Research Scholars from our R&D division presented posters titled "Impact of climate changes on abiotic and biotic factors of soil and kground water of agroclimatic zones of Gujarat, India" and "Identification of saline and drought resistant bamboo variety as energy crop and wasteland reclamation, respectively, at the International Conference of Emerging Trends in Biotechnology hosted by Jawarhlal Nehru University (JNU), New Delhi on 9th November, 2014.



## Presentation by our R&D Head

### @Symposium on Recent Advances in Biotechnology for Food and Fuel

Our R&D Head was invited to deliver a guest lecture during the Symposium on Recent Advances in Biotechnology for Food and Fuel organized by TERI, Delhi on November 19-20, 2014. She presented her talk on "Sustainable Bio-fuel Model: An Integrated Environmental, Social and Economic Model by Abellon CleanEnergy", as part of the session on "Biofuels: Their sustainability and Impact on Environment and Economy."

### @International conference on Wood is Good: Current trends and future prospects in wood utilization

Our R&D Head participated and presented her talk on "Carbon sequestration by bamboo farming on marginal land and sustainable use of wood waste for bioenergy: Case studies from Abellon Clean Energy", during the "International conference on Wood is Good: Current Trends and Future Prospects in Wood Utilization" organized by Institute of Wood Science Technology (IWST), Bangalore. Her talk addressed the subjects of overall sustainability and wood waste utilization in a sustainable manner. The session was well accepted by scientists from India and abroad.



## Educational Visit for Students

Our R&D division hosted an educational visit for 40 under-graduate microbiology and biotechnology students of H.V.H.P Institute of Postgraduate Studies and Research, Kadi Sarva Vishwavidyalaya, Gandhinagar on 23rd, December 2014. The program aimed at providing fruitful industrial exposure to young students.





**5S Campaign: Clean Abellon Clean India Campaign!**



**Dussehra Puja**



**Yoga Workshop for Senior Management Group at Redbricks Junior**

## This Changes Everything: Capitalism vs. The Climate - Book by Naomi Klein

In the book, Naomi Klein argues that climate change isn't just another issue to be neatly filed between taxes and health care. It's an alarm that calls us to fix an economic system that is already failing us in many ways. Klein meticulously builds the case for how massively reducing our greenhouse emissions is our best chance to simultaneously reduce gaping inequalities, re-imagine our broken democracies, and rebuild our gutted local economies. She exposes the ideological desperation of the climate-change deniers, the messianic delusions of the would-be geoengineers, and the tragic defeatism of too many mainstream green initiatives.

And she demonstrates precisely why the market has not—and cannot—fix the climate crisis but will instead make things worse, with ever more extreme and ecologically damaging extraction methods, accompanied by rampant disaster capitalism.



## Spoiled - Movie by Mark Mathis

Spoiled is a 2011 documentary film about energy myths, environmental issues with energy, the problems with alternative energy, and the global warming controversy associated with energy. Spoiled also discusses wind energy, solar energy, fossil fuels, green energy, alternative energy, and sustainable energy as a part of its renewable energy documentary scope.

Spoiled begins investigating energy myths by asking if people today believe we are "addicted" to oil and if oil is destroying our lives the way other addictions do. The energy movie documentary explores the human relationship to oil addiction, and reveals a pattern of misinformation, disinformation, and deception about energy myths. The renewable energy documentary investigates what is likely to be the greatest challenge ever faced by humanity; that of trying to run the modern world on less oil addiction.

