

GREEN IDEAS

The 1st quarter of this year began on a very celebratory note as Abellon received global recognition for its innovative model and work, in the form of the prestigious Zayed Future Energy Prize 2014.

The annual prize embodies the vision of the late founding father of the UAE, Sheikh Zayed bin Sultan Al Nahyan who laid the foundation for renewable energy and sustainability as part of his legacy in pioneering sustainable development in the UAE.

The recognition is a great honour for all of us at Abellon, and further enhances our commitment to delivering game changing solutions that can bring about a positive transformation for Society, the Environment and Economy.

We take this opportunity to thank all our friends and well wishers who have contributed to this milestone achievement in our journey through their active involvement, encouragement and support.

HIGHLIGHTS



Exhibition Participation @AMC Flower Show

Commissioning of the 9.9MW Bio-mass based Khas Power Plant

Abellon Wins Zayed Future Energy Prize 2014

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Abellon @ Khadhya Khorak Exhibition 2014

Abellon's eco equipment team participated in the Khadhya Khorak Exhibition 2014 - one of the premier food machinery sector trade shows in India which ranks high on the popularity count with a large number of visitors attending. The show was held at Gujarat University Ground, Ahmedabad from 6th to 9th January.



More than 135 exhibitors were present at the show from different sectors including Dairy, Ice-cream, Beverages, Hotels, Restaurants, Bakeries, Caterers, Sweets, Farsan, Namkeen, Machinery, Equipment & Packaging Materials used in Processing of Food.

Abellon received an excellent platform to showcase its pellets and pellet based appliances as an alternative to costly LPG and Diesel based appliances.

During the 4 day exhibition, Abellon received over 4000-4500 visitors which provided us with excellent networking opportunities and also helped us to gain greater insight in to the demands of the Indian food sector.

Our products, especially Green Burner and Eco Chullha SMART, received a lot of attention and excellent reviews from visitors.

Comments from visitors:

“ Pellet Burner is an interesting product..I would definitely like to try this for frying and namkeen manufacturing ”

“ Eco friendly product with 30% saving on fuel cost..The perfect combination for my factory ”

“ I am using diesel furnace right now with 30” kadhai. Can you give me a demonstration of the product at my location ”

“ I am very happy to see that the company is putting its 100% into promoting green energy in the form of pellets, Eco Chulha and Burner.. ”



Abellon @World Future Energy Summit 2014

Abellon participated as an Exhibitor in the World Future Energy Summit 2014 held at Abu Dhabi during 20th -22nd January '14.



The World Future Energy Summit (WFES) is the world's foremost event dedicated to renewable energies, energy efficiency and clean technologies. Held under the patronage of his Highness Sheikh Mohammed Bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, WFES includes a world-class conference, an international exhibition, the Project & Finance Village, the Young Future Energy Leaders program, as well as a number of corporate meetings and concurrent social events.

As a winner of the prestigious Zayed future energy prize, Abellon was invited to participate in the WFES 2014, and we had the opportunity to showcase our sustainable integrated model including pellets as well as pellet based appliances, and other unique initiatives.

At the Project and Finance Village Exhibition, Abellon got a platform to interact with financial investors interested in clean energy technologies and solutions.

Exhibition Participation @AMC Flower Show

Ahmedabad Municipal Corporation (AMC) organized the Ahmedabad Flower Show 2014 from 25th -29th January at Sabarmati river front.



The event was a grand success with footfalls per day to the tune of 2 to 2.5 lakh people. The venue was decorated with elaborate tree and flower sculptures.

The event venue covered about 40,000 sq. meters of space showcasing plants of about 500 different species. A separate 2000 sq. meter area next to the exhibition was set up where citizens could exhibit their own plants and flowers. Local and national nurseries and garden stores, garden tools and equipment manufacturers, landscape design specialists and manufacturers of fertilizers, seeds, pesticides and other related products were a part of the exhibition.

Abellon also participated in the exhibition displaying its Earth Essentials' range of organic plant and soil nutrition products, Mr.Prontos and Guarden Angel, which are specially made for urban gardening.

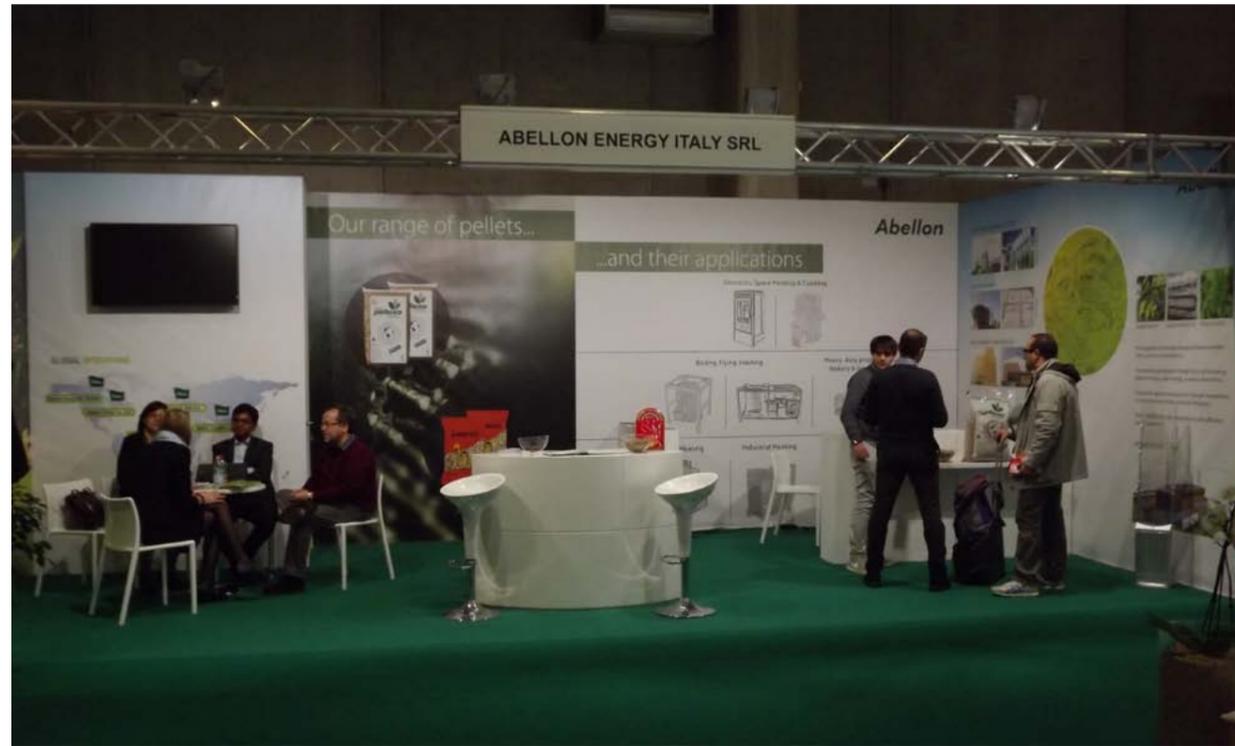
Mr. Prontos is a pelleted fertilizer that provides complete nutrition to soil and plants. Guarden Angel is an activated premium garden nutrient ideal for gardens and lawns.

The Ahmedabad Flower Show provided an excellent platform for us to interact with garden enthusiasts of the city. Our products generated a lot of buzz due to their organic nature, unique form and components, as well as key benefits.



Abellon @Progetto Fuoco Exhibition

Abellon exhibited at Progetto Fuoco, a leading Italian and European event focused around biomass based energy solutions.



The event was dedicated to the sector's professional operators, designers, technicians and businessmen from all over Europe and globally, and the exhibition was a perfect place for manufacturers and suppliers of wood pellets and pellet based latest generation technologies such as stoves and fireplaces which are safe, easy and convenient to use, allow excellent economies and guarantee maximum comfort without damaging the environment.

The event was held for the 9th time at Verona Exhibition Centre, Italy. The number of exhibitors, the surface area and the attendance figures all reached new heights, with 653 companies from 36 countries spread across 85,000 m² of exhibition space and 75,000 professional visitors over the five days of the exhibition, from 19th to 23rd February 2014.

At the exhibition, Abellon had an opportunity to showcase all our products and capabilities, including our high quality pellet brands for the residential and commercial segments as well as our upcoming range of appliances such as stoves and burners for heat generation applications.

The company launched Mr. Pellets, its new brand of wood pellets, which is exclusively made for the European market and is suitable for the residential segment. Also introduced was Mr. Prontos – an organic Soil and Plant Nutrition product for urban gardening.

Our team of 8 members representing key functions/global regions connected with stakeholders of the industry including pellet distributors, equipment manufacturers, technology providers, current and potential customers, and others.

During the exhibition, the AIEL (Associazione Italiana Energia dal Legno) recognized suppliers, distributors and manufacturers of EN-plus A1 quality pellets for their commitment to the highest European quality standards, and we are happy to share with you that Abellon was one of a few select companies receiving the same, which adds one more milestone to our journey in Europe.



Commissioning of 9.9MW Biomass based Khas Power Plant

On 27th February, we successfully commissioned our state-of-the-art 9.9 MW biomass-based power generation facility in Khas, Gujarat.



A fully automated and technologically advanced power generation facility, the Khas bio-power project is located at a distance of 145 kms from Ahmedabad.

Covering a total area of 30 acres the design of the facility integrates some key elements of sustainability such as no displacement of earth during construction, allotment of 77% exclusively for plantation and landscaping, exposure to maximum natural light, reuse of discharged water from boiler and cooling tower for plantation and ash quenching, and more.

Biomass for the project is sourced from rural communities within a 50km radius, thus providing them with income and livelihood opportunities. Biomass ash generated from the process is given to farmers, thus ensuring usage of organic inputs in the soil and mobilization of soil resources.

The commissioning started off with a puja followed by an address by our MD and CEO - Mr. Aditya Handa. The event also witnessed a formal handover of the plant from the projects team to the operations teams.

The project has the potential to reduce 35486 tons of CO₂ annually through generation and supply of green power.



Abellon Wins Zayed Future Energy Prize 2014

One of the World's Most Prestigious Clean Energy Awards



We are delighted to share that Abellon Clean Energy has been selected as a winner of the prestigious Zayed Future Energy Prize 2014. The annual prize embodies the vision of the late founding father of the UAE, the late Sheikh Zayed bin Sultan Al Nahyan who laid the foundation for renewable energy and sustainability as part of his legacy in pioneering sustainable development in the UAE.

In its 6th year now, the Zayed Future Energy Prize recognizes significant contributions to the future of renewable energy and sustainability across the world.

HH General Shaikh Mohammad Bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, honoured winners during the awards ceremony on 20th January at the Emirates Palace in Abu Dhabi. The ceremony was attended by luminaries from all over the world comprising Heads of State, renowned Policy & Business Leaders, including a high profile delegation from India led by the Secretary, MNRE.

Speaking on the occasion HH General Sheikh Mohamad bin Zayed Al Nahyan emphasized that sustainable development has been placed at the core of the national strategy, and the Zayed Future Energy Prize underscores the UAE's commitment to address global energy and climate challenges.

At Abellon, we believe that bio-energy is a source of clean energy generation that can undoubtedly bring about a radical and lasting transformation in the world, and Global forums such as the Zayed Future Energy Prize play a significant role in providing a more universal recognition of its potential and capabilities.

Winning the prize also validates our own approach of focusing on the small scale industrial, commercial and residential segments, based on the insight that there is a tremendous untapped scope for rapidly promoting adoption of clean energy solutions at these levels, and therefore, emphasizing on making available more efficient and affordable solutions that can support the shift from conventional fuel based technologies to cleaner, greener and healthier energy technologies.

Winning this prestigious prize is a matter of great privilege and happiness for all of us at Abellon. On this occasion, we take the opportunity to thank you for the faith and support you have extended to us through our association, and we look forward to sharing many more such happy milestones with you in future.

Aditya Handa
MD & CEO
Abellon CleanEnergy

2014

Abellon

EMINENT JUDGING PANEL, 2014

- H. F. Ólafur Ragnar Grímsson, President, Republic of Iceland (Chairperson)
- H. E. Mohamed Nasheed, former President, Republic of the Maldives
- H. E. Dr Han Seung-soo, former PM of Korea
- H. E. Elizabeth Dipuo Peters, Minister of Transportation and former Minister of Energy for South Africa
- Mr. Adnan Z. Amin, Director-General, International Renewable Energy Agency
- H.E. Ahmed Ali Al Sayegh, Chairman of Masdar
- Sir Richard Branson, Founder, Virgin Group
- Mr. Ratan N Tata, Chairman Emeritus, Tata Sons

"The Prize carries the challenging vision that there is indeed an alternative way, that following the vision of Sheikh Zayed, we can together make the future safe for our cities, our nations, our children."

- H.E. Olafur Ragnar Grímsson, President of the Republic of Iceland and Chairman of the Zayed Future Energy Prize

"More than ever, the world needs innovators, technologies and initiatives that can address our pressing energy challenges."

- Dr Sultan Ahmed Al Jaber, Director General, Zayed Future Energy Prize

HRM

Workshop on Managerial Effectiveness



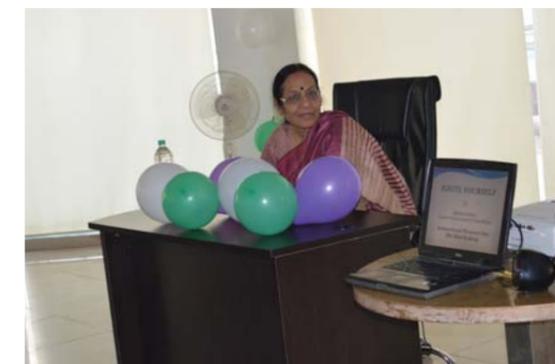
Saraswati Puja @Xcellon



Uttarayan Celebration @ Xcellon Institute Terrace



Women's Day Celebration



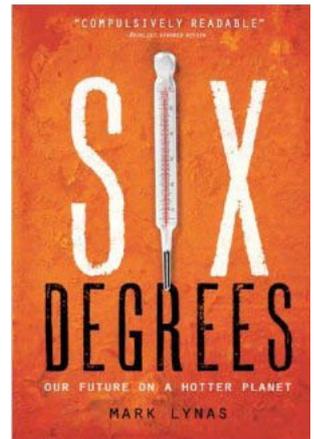
Book Review

Six Degrees: Our Future on a Hotter Planet

Six Degrees: Our Future on a Hotter Planet, is a non-fiction book written by author Mark Lynas about global warming. The book looks at and attempts to summarize results from scientific papers on climate change.

The chapters of the book describe the expected effects of climate change with increase in average global temperature since pre-industrial times. The effects are also compared to paleoclimatic studies, with six degrees of warming compared back to the Cretaceous.

The book explains how the release of methane hydrate and the release of methane from melting permafrost could unleash a major extinction event. Carbon cycle feedbacks, the demise of coral, the destruction of the Amazon rainforest, and extreme desertification are also described, with five or six degrees of warming potentially leading to the complete uninhabitability of the tropics and subtropics, as well as extreme water and food shortages, possibly leading to mass migration of billions of people.



Movie Review

Odyssey 2050

Odyssey 2050 is a film project that incorporates digital animation as well as documentary and live action sequences with the aim of motivating young people from around the world into taking constructive action on climate change.

Odyssey 2050 engages its young audience in a relevant way that makes it fun and motivating and encourages them to start thinking about sustainability and the biophysical environment. To achieve this, it combines computer-animated aliens, audience interaction, fun graphics and real-life footage of young environmental activists who are making a difference.

The film seeks to highlight the reality and multiple dimensions of climate change, such as droughts, failing crops, global warming, carbon emissions, melting polar ice caps and rising sea levels, and that protecting the environment is a shared responsibility, and human actions, whether it is a nation or a single person, can affect all animals and species that co-exist on our planet.

