



# GREEN ALERT



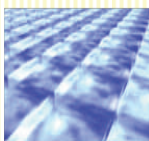
May-June 2016

Vol.3 Issue 2

The focus of Environment information System (ENVIS) is to disseminate environmental information to decision makers, policy planners, scientists and researchers across the world.

The CERC-ENVIS Centre focuses on Eco-labeling and Promotion of Eco-friendly Products'. This bi-monthly e-bulletin features latest news, developments and innovations in the field.

## Eco friendly bio degradable cellulose Aerogel



Scientists from National University of Singapore (NUS) have successfully converted paper waste into green nontoxic cellulose aerogels. Aerogels are among the lightest solid materials and are ultra-light, non-toxic, extremely strong, flexible and water repellent. The team has also developed a more eco-friendly process to convert paper waste into aerogels. Its applications are for oil spill cleaning and serve as insulation materials for buildings. In biomedical applications, it can be used as coating materials for drug delivery. It can be also used in packaging industry as it is biodegradable and environmentally-friendly material.

<https://news.nus.edu.sg/press-releases/9962-novel-cellulose-aerogels>

## Eco product of the month

## Green issue

### World Bank environment-friendly climate change action plan



“Following the Paris climate agreement, we must now take bold action to protect our planet for future generations,” said World Bank Group President Jim Yong Kim. “We are moving urgently to help countries make major transitions to increase sources of renewable energy, decrease high-carbon energy sources, develop green transport systems, and build sustainable, livable cities for growing urban populations. Developing countries want our help to implement their national climate plans, and we’ll do all we can to help them.”

The World Bank has released a climate change action plan that would help developing countries to work towards a more environment-friendly development.

The World Bank Group plans to invest more of its funds to help developing countries adapt to the Impacts of climate change, in an effort to stop extreme weather and rising seas from making poverty worse. It would help developing countries add 30 gigawatts of renewable energy – enough to power 150 million homes – to the world’s energy capacity bring early warning systems to 100 million people by 2020. It will also develop plans for adjusting agriculture to climate shifts in at least 40 countries through measures like hardier seeds, farming methods that capture carbon, and energy efficient irrigation systems. It will also help “green” the financial sector through a coordinated approach across banking, pensions and capital markets to implement changes needed nationally and globally.

It is working in all parts of the world on renewable energy from India to Africa. They have two projects in India. One, working on a rooftop solar and another one in building industrial parks that will provide the infrastructure for solar plants and the evacuation lines to encourage private sector investors to invest in renewable energy.

<http://www.worldbank.org/en/news/press-release/2016/04/07/world-bank-group-unveils-new-climate-action-plan>

## Eco news

### Mobile App for paperless unreserved ticket



Moving ahead in line with digital India, Railway Ministry has launched mobile app for paperless unreserved tickets. It is developed by the Centre for Railway Information Systems (CRIS) “utsonmobile.”

This app aims to eliminate the need for printing of unreserved tickets. The paperless ticketing system in unreserved segment on a pilot basis will cover 15 stations in the suburban section of Southern Railway. Passenger will get ticket confirmation on their mobile screen after booking the ticket which will contain limited information of the ticket. This app can be downloaded from Windows Store and Google Play Store.

<http://indianexpress.com/article/india/india-others/railway-launches-mobile-app-for-paperless-unreserved-tickets/>

### Eco Friendly jute bag initiative



National jute board and mother diary join hands for green initiative and launched an eco friendly Jute Bag Initiative in National Capital Region. The bags are available in the price range of Rs 25 to Rs 35 and are strong, washable and can be used several times over and over. Mother Diary has initially placed order for 20,000 jute bags. These jute bags will provide Women Self Help Groups (WSHG) a regular market and sustained means of livelihood. The scheme is launched by the Union Textiles Minister Shri Santosh Kumar Gangwar. The jute carry bags are available at Mother Dairy and Safal booths.

<http://pib.nic.in/newsite/PrintRelease.aspx?relid=138993> Eco tip

### Enjoy natural light – save money

Don't turn on lights at all for as long as you can—open your curtains and enjoy natural light. Turn off lights when you leave the room.

### Eco tip of the month

Visit CERC-ENVIS website [www.cercenvis.nic.in](http://www.cercenvis.nic.in) and <https://www.facebook.com/EcoProductsEcoLabeling> to know more about our activities.

Consumer Education and Research Centre “Suraksha Sankool”, S. G. Highway, Thaltej, Ahmedabad – 380 054.

Tel : 079-27489945/46, 27450528, 27438752/3/4 Fax : 079-27489947 Email : [cerc-env@nic.in](mailto:cerc-env@nic.in), [cerc@cercindia.org](mailto:cerc@cercindia.org)