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# Policy Initiatives

## Europe

### UK leads EU scheme to drive Bioenergy innovation

The UK has pledged up to €12.5mn to a scheme to develop innovative bioenergy projects, in partnership with seven other EU countries. The cash will help stimulate millions of pounds of further private investment in the technology.

[www.eco-business.com/news/httpwww-environmental-expert-comnewsuk-leads-eu-scheme-to-drive-bioenergy-innovation-348405/](http://www.eco-business.com/news/httpwww-environmental-expert-comnewsuk-leads-eu-scheme-to-drive-bioenergy-innovation-348405/)

### UK pledges £10mn to pan-European bio-energy scheme

[www.businessgreen.com/bg/news/2234799/uk-pledges-gbp10m-to-paneuropean-bioenergy-scheme](http://www.businessgreen.com/bg/news/2234799/uk-pledges-gbp10m-to-paneuropean-bioenergy-scheme)

## Business & Markets

### India

#### Food worth Rs 50 thousand crore goes waste in India every year

During a conference at the National Institute of Food Technology Entrepreneur and Management (NIFTEM) in Sonipat, the experts felt the need to train skilled manpower of around 35 lakh persons in next 7 years for the food processing industry besides creating the cold storage chains across the country to cut down the wastage of food including food grain, vegetables and other farm grown items.

[www.articles.timesofindia.indiatimes.com/2013-01-11/india/36279122\\_1\\_institute-of-food-technology-wastage-rakesh-kacker](http://www.articles.timesofindia.indiatimes.com/2013-01-11/india/36279122_1_institute-of-food-technology-wastage-rakesh-kacker)

#### AnaeCo to explore alternative waste technology in India

AnaeCo has signed a MoU with Brisanzia Technologies Pvt Ltd to cooperatively explore the implementation of AnaeCo's DiCOM™ Alternative Waste Technology at a suitable site in India.

[www.proactiveinvestors.com.au/companies/news/38544/anaeco-to-explore-alternative-waste-technology-in-india-38544.html](http://www.proactiveinvestors.com.au/companies/news/38544/anaeco-to-explore-alternative-waste-technology-in-india-38544.html)

#### Ramky Enviro Engineers plans to build WTE plant

[www.eco-business.com/news/indian-company-plans-to-build-waste-to-energy-plant/](http://www.eco-business.com/news/indian-company-plans-to-build-waste-to-energy-plant/)

#### Demand for clean-energy credits in India doubled in December

[www.bloomberg.com/news/2012-12-31/demand-for-clean-energy-credits-in-india-doubled-in-december.html](http://www.bloomberg.com/news/2012-12-31/demand-for-clean-energy-credits-in-india-doubled-in-december.html)

### North America

#### Solarvest Bioenergy acquires algae production facility

[www.biofuelsdigest.com/biobased/2013/01/08/solarvest-bioenergy-acquires-algae-production-facility/](http://www.biofuelsdigest.com/biobased/2013/01/08/solarvest-bioenergy-acquires-algae-production-facility/)

#### Benelux pellet market expected to more than double by 2020

The US is expected to be the main supplier of wood pellets in the Benelux market in NorthWestern Europe this year. As per the USDA Foreign Agricultural Service Global Agricultural Information Network report, the US exported 1.25mn MT of wood pellets worth \$225mn to the region in 2012. The Benelux market consists of Belgium, the Netherlands and Luxembourg.

According to the report, the Benelux imports more than 95% of the wood pellets it consumes, and the US has the potential to supply at least half that market. To meet that demand, however, U.S. exports must comply with sustainability requirements.

[www.biomassmagazine.com/articles/8507/benelux-pellet-market-expected-to-more-than-double-by-2020](http://www.biomassmagazine.com/articles/8507/benelux-pellet-market-expected-to-more-than-double-by-2020)

## Europe

### GDF SUEZ installs 200MW biopower unit in POLAND

[www.equities.com/news/headline-story?dt=2013-01-08&val=899962&cat=energy](http://www.equities.com/news/headline-story?dt=2013-01-08&val=899962&cat=energy)

### Andritz to supply biomass boiler to Sweden-based CHP plant

The Värtaverket plant will generate enough power for 190,000 households.

[www.biomassmagazine.com/articles/8506/andritz-to-supply-biomass-boiler-to-sweden-based-chp-plant](http://www.biomassmagazine.com/articles/8506/andritz-to-supply-biomass-boiler-to-sweden-based-chp-plant)

### Construction of large scale biomass refinery in the Netherlands

The refinery has received €199mn grant from the European Commission.

[www.renewableenergymagazine.com/article/199-million-euros-subsidy-granted-to-dutch-20130108](http://www.renewableenergymagazine.com/article/199-million-euros-subsidy-granted-to-dutch-20130108)

### METSO CORP. to supply biomass-fired heating plant for district heat production to Savon Voima in Finland

[www.4-traders.com/METSO-CORP-441578/news/METSO-CORP-to-supply-biomass-fired-heating-plant-for-district-heat-production-to-Savon-Voima-in-F-15957750/](http://www.4-traders.com/METSO-CORP-441578/news/METSO-CORP-to-supply-biomass-fired-heating-plant-for-district-heat-production-to-Savon-Voima-in-F-15957750/)

### Europe needs stable legal framework for biofuels to prosper: Neste

[www.platts.com/RSSFeedDetailedNews/RSSFeed/Petrochemicals/6058434](http://www.platts.com/RSSFeedDetailedNews/RSSFeed/Petrochemicals/6058434)

### EC grants €170mn to waste to biodiesel facility in Starsbourg

[www.bioenergy-news.com/index.php?/Industry-News?item\\_id=5797](http://www.bioenergy-news.com/index.php?/Industry-News?item_id=5797)

## Africa

### UK company to construct Ethiopia's first WTE plant

The Ethiopian Electric Power Corporation and British company, Cambridge Industries Energy, have signed a \$120mn agreement to construct a 50MW waste-to-energy plant in Addis Ababa. The project will diversify Ethiopia's power generation and will increase the EPPCo's power generation to 10,000MW by 2014/15.

[www.bikyanews.com/84392/uk-company-to-construct-ethiopias-first-waste-to-energy-plant/](http://www.bikyanews.com/84392/uk-company-to-construct-ethiopias-first-waste-to-energy-plant/)

## Other Countries

Biopower industry to grow 9.5% with total revenue of \$820.3mn by 2018: IBISWorld

[www.fierceenergy.com/story/biomass-power-grow-95-2018/2013-01-09](http://www.fierceenergy.com/story/biomass-power-grow-95-2018/2013-01-09)

FTI invests \$120mn in Saraburi biomass project

[www.bangkokpost.com/business/economics/328705/fti-invests-in-saraburi-biomass-project](http://www.bangkokpost.com/business/economics/328705/fti-invests-in-saraburi-biomass-project)

The Asian Institute of Petroleum Studies, Inc. urges oil-fired power plants to use coco-biodiesel

According to the institute, the use of coco-biodiesel will make power plants cost efficient and environment friendly.

[www.gmanetwork.com/news/story/291468/economy/business/oil-fired-power-plants-urged-to-use-coco-biodiesel](http://www.gmanetwork.com/news/story/291468/economy/business/oil-fired-power-plants-urged-to-use-coco-biodiesel)

China set for RE boom

According to the study entitled, "China Renewable Energy", China targets to increase the use of renewable energies from around 9% per annum of its current total energy mix, to 15% by 2020. The Government has so far invested in the RE sector with \$51bn in 2011.

[www.eco-business.com/energy/china-set-for-renewable-energy-boom/](http://www.eco-business.com/energy/china-set-for-renewable-energy-boom/)

Pakistan has huge potential for RE

[www.pakistantoday.com.pk/2013/01/22/city/islamabad/pakistan-has-huge-potential-for-renewable-energy/](http://www.pakistantoday.com.pk/2013/01/22/city/islamabad/pakistan-has-huge-potential-for-renewable-energy/)

# Finance & Investments

## North America

### Biofuel development gets \$10mn in funding from DoE

[www.why.knovel.com/all-engineering-news/2186-biofuel-development-gets-10-million-in-funding-from-department-of-energy.html](http://www.why.knovel.com/all-engineering-news/2186-biofuel-development-gets-10-million-in-funding-from-department-of-energy.html)

### Novozymes wins \$2.5mn grant to study turning corn stalks into biofuel

[www.wraltechwire.com/novozymes-wins-2-and-a-half-million-dollar-biofuels-grant/11964233/](http://www.wraltechwire.com/novozymes-wins-2-and-a-half-million-dollar-biofuels-grant/11964233/)

## Europe

### United Kingdom Department of Energy & Climate Change awards \$469000 to seven recipients for biomass, bioenergy projects

[www.biomassmagazine.com/articles/8518/uk-funds-wetland-biomass-bioenergy-projects](http://www.biomassmagazine.com/articles/8518/uk-funds-wetland-biomass-bioenergy-projects)

## Other Countries

### Algae.Tec awarded \$12.15mn from Australian Government

The terms of the payment allow for an additional investment of AU\$27mn on Algae.Tec technology developments, of which the Australian Government will reimburse 45% or \$12.15mn. The approval is to support the funding of at least three algae bioreactor facilities in Australia, Asia and the US.

[www.bioenergy.checkbiotech.org/news/algaetec\\_awarded\\_1215m\\_australian\\_gov](http://www.bioenergy.checkbiotech.org/news/algaetec_awarded_1215m_australian_gov)

# R & D - Technology

## India

### Seeds of Indian trees offer alternative to sustainable biofuels

As per the study “Mercury pollution, Ocean, UN Washington”, seeds of mahua and sal trees have almost as good a thermal efficiency as biodiesel, but would produce lower emissions of carbon monoxide, waste hydrocarbons and NOx (nitrogen oxides).

[www.zeenews.india.com/news/eco-news/seeds-of-indian-trees-offer-alternative-to-sustainable-biofuels\\_822147.html](http://www.zeenews.india.com/news/eco-news/seeds-of-indian-trees-offer-alternative-to-sustainable-biofuels_822147.html)

## Europe

### Powerful Enzymes create ethanol from agricultural harvest waste

The mainly EU-funded DISCO project coordinated by VTT Technical Research Centre of Finland has developed powerful enzymes, which accelerate plant biomass conversion into sugars and further into products such as bioethanol.

[www.sciencedaily.com/releases/2013/01/130108084136.htm](http://www.sciencedaily.com/releases/2013/01/130108084136.htm)

# Climate Change & Environment

## India

### Surat to house first centre on climate change indicators

With an aim to co-relate climate change and health of urban residents, Surat Climate Change Trust has decided to set up an urban health climate resilience centre.

[www.articles.timesofindia.indiatimes.com/2013-01-10/surat/36257613\\_1\\_climate-change-urban-health-first-centre](http://www.articles.timesofindia.indiatimes.com/2013-01-10/surat/36257613_1_climate-change-urban-health-first-centre)

## Europe

### Climate change brings colder winters to Europe and Asia

[www.environmentalresearchweb.org/cws/article/news/52135](http://www.environmentalresearchweb.org/cws/article/news/52135)

## Africa

### Improving communication first step to enhance climate change adaptation in West Africa

Recognizing the gap in communication, knowledge and understanding by policy-makers of researchers associated processes and vice-versa, CCAFS West Africa Regional Program hosted a high-level policy session in Ouagadougou, Burkina Faso at the end of October.

[www.preventionweb.net/english/professional/news/v.php?id=30335](http://www.preventionweb.net/english/professional/news/v.php?id=30335)

## Other Countries

### World Bank to strengthen focus on climate change

[www.thehill.com/blogs/e2-wire/e2-wire/276567-world-bank-to-strengthen-focus-on-climate-change](http://www.thehill.com/blogs/e2-wire/e2-wire/276567-world-bank-to-strengthen-focus-on-climate-change)

*mn – Million | bn – Billion | RE – Renewable Energy | BTL – Biomass-to-Liquid | CDM – Clean Development Mechanism | CCS – Carbon Capture & Storage | BCAP – Biomass Crop Assistance Program | MSW – Municipal Solid Waste | AD – Anaerobic Digestion | WTE – Waste-to-Energy | SWM – Solid Waste Management*

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