

**Industrial Symbiosis Section News**  
**February 10-March 15, 2010**

**Eco Industrial Parks, networks and industrial symbiosis projects in the news:**

- Spruce Gove, Alberta Canada Eco Industrial Park project
- Taiga Nova Eco Industrial Park, Calgary, Alberta Canada
- Camden, North Carolina Eco Industrial Park USA
- Tianjin Eco City Eco-Industrial Park China. This project is written up on the European Commission web site under “Implementing Industrial Symbiosis and Environmental Management Systems in Tianjin Binhai New Area”. Several Singaporean investors have invested in this new eco-industrial park.
- Eco-Industrial Estates in Andhra Pradesh, India and the Department of Pharmaceuticals (DoP) of the Indian Ministry of Chemicals and Fertilizers is working with Germany’s GTZ on launching eco-industrial parks in India.
- Bruce Eco Park constructed with Ontario Power to provide uses for excess steam, Kincardine, Ontario, Canada.
- In the UK the government was taken to task by the opposition for failing to fully fund the National Industrial Symbiosis program and to address business waste and recycling.
- City of Charlotte, North Carolina USA discusses BioMass Power Plant as part of a 667 acre renewable energy eco park on former brownfield site near Mt Holly.
- Canadian firm Clearford industries partners with Indian firm to deliver eco-industrial services to the Indian market.
- 800 acre Kaizer Meadow site near Chester, Nova Scotia Canada proposed as eco-industrial park.
- Industrial Estates Authority of Thailand announced it plans to turn its 42 industrial estates into Eco- industrial towns. The first phase will focus on 15 eco-industrial towns from 2010-2014.
- Catawba County and the University of North Carolina at Charlotte are collaborating on an Eco-Industrial Park on the Blackburn Landfill in North Carolina, USA to be known as the Catawba Eco-Complex. “Right now, the complex hosts a landfill, a landfill gas-to-energy facility, a lumber processor, a pallet manufacturer, sunflower and canola biofuels farms, and a cooperative farm.”
- Partners in Project Green, the Pearson Eco-Business Zone is centered around the Pearson Airport in metropolitan Toronto. This project covers Canada’s largest industrial concentration. Check out their web site.
- Indonesian firm plans Eco-industrial Park on Nyachar Island in India as a proposed chemical hub.
- Tay Ninh Province in Vietnam to host Eco-industrial zone developed by the Bourbon Group of France on 1000 hectares.
- The Ross Eco-Industrial Park in Regina, Saskatchewan, Canada has developed indicators using Industry Canada’s Sustainable Indicators Framework.
- Infinitus Renewable Energy Eco-Industrial Park planned for 3100 acres in southern Hillsboro County Florida, USA in the Tampa Bay area.

- Gareth Kane, former University of Teesside, UK Industrial Symbiosis researcher sets up his own firm to assist private sector implement industrial symbiosis, Terra Infirma.
- Lake County, Minnesota County Council discusses creating Eco-Industrial Park.
- February “Making Money Not Waste Event” run by NISP in Southwest England proved to be a hit with businesses according to Simon Beechinor’s blog.
- Proponents of a 650 acre Eco-industrial park in Tiverton, Rhode Island, USA presented their case for Sustainable Sakonnet at a workshop entitled “Eco-Industrial Park presents its case study.”
- Charleston, South Carolina USA, according to the Charleston Post and Courier Newspaper, incorporates eco-industrial park into redevelopment of former military base.
- Star, North Carolina has an eco-industrial park that has been in operation for over ten years, according to the Three Corners Clay Blog, January 26, 2010.

#### **Lectures, Conferences and Calls for Papers:**

- School of Architecture and Urban Planning at University of Wisconsin-Milwaukee featured Carolynn Leaman speaking in their Smart Growth Seminar series on a Toolkit for Sustainable Cities: Using Environmental Management Systems as a Framework”. The March 9, 2010 talk also featured a discussion of Eco-industrial Parks.
- Industrial Symbiosis in the Swedish Forestry Industry dissertation published, by Anna Wolf, 2007. Available on line.
- Industrial Symbiosis: A Tool for More Sustainable Regions? Dissertation published by Murat Mirata 2005. Available on line.
- UN issued a call for papers for Youth in Sustainable Development that was due in early March.
- Eco-industrial development and resource conservation and recovery Act: examining the barriers by Jackson Hook dated 3/13/2010 found on line.
- Newly formed Green Product Association 2010 program announced to include events promoting Innovation and Eco-Industrial Synergies.
- Editorial published on “Industrial Symbiosis: An Environmental perspective on regional development” in the Journal Regional Studies. February 2010.
- “Essential Steps to a Successful Eco-Industrial Park or Eco-Business Zone” day long workshop with Tracy Cassavant in Toronto, Ontario, Canada June 22, 2010.
- A webinar Growing the Green Economy Eco-Industrial Parks in Your Community was held in March, 2010 and featured Ms. Cassavant and Ms. Sangret Deputy Director of Corporate Planning and Development for Delta, BC, Canada.

- An article was published on Integrated Waste Management in Eco-Industrial Parks by Alessandra Bonoli and Simona Tondelli 2007 IWWG. It focuses on Raibano in Rimini province, Italy.
- New article on Industrial Symbiosis in the Journal of Cleaner Production by Inês Costa, Guillaume Massard & Abhishek Agarwal. It is available at <http://dx.doi.org/10.1016/j.jclepro.2009.12.019>.
- The Koochiching Economic Development Authority Board heard a presentation on eco-industrial development from Tim Nolan of the Minnesota Pollution Control Agency in February, 2010.
- William Doyle and Joshua Pearce have published an article entitled “Resource Utilization of Virtual Globes for Open Source Industrial Symbiosis.” March, 2010.
- Found on line, South African Journal of Science, 2008 article “ Advancing the concepts of industrial ecology in South African institutions.” Alan C. Brent<sup>I, III</sup>; Suzan Oelofse<sup>II</sup>; Linda Godfrey<sup>II</sup>
- Found on line, 2003 Turner Press article entitled “Field of Schemes: a Cavalcade of Baltimore projects Done and Undone” which references the failed Fairfield Ecological Industrial Park project.
- The International CARE Electronics Office is pleased to announce the Going Green – CARE INNOVATION 2010 conference and exhibition on Electronics and the Environment November8-11, 2010 in Vienna, Austria. Industrial Symbiosis is mentioned in their conference announcements.
- Urban Land Magazine article from October 2009 by Jeff Herlitz entitled “Furthering Sustainability through Industrial Symbiosis” is worth checking out.
- Call for posters as part of the Gordon Conference. This year's Gordon Conference on Industrial Ecology will take place at Colby-Sawyer College in a cozy town, New London, New Hampshire, USA in July 11-16, 2010. <http://www.grc.org/application.aspx?id=9368>
- **3rd International Conference on Quantified Eco-Efficiency Analysis for Sustainability (The Netherlands, Egmond aan Zee)** Date: 9 - 11 June 2010 Venue: The Netherlands, Egmond aan Zee (Egmond at Beach). Abstract submission date postponed until April.
- Zero Waste in Industrial Networks Vision Conference (ZeroWin) Tuesday 6 July, 2010 in Southampton, UK. Please see the attached press release and their website ([www.zerowin.eu](http://www.zerowin.eu)) for further information about the ZeroWIN project and the opportunities to get involved.
- 5<sup>th</sup> International Conference on Systems of Innovation and Competitiveness to be held in Mexico August 25-27 in Guanajuato, Mexico. A session on Industrial Ecology and Industrial Symbiosis is in the works.
- ISIE Asia-Pacific Meeting "Strengthening industrial ecology for the Asia-Pacific region" 7-9 November, 2010 in Tokyo and Kawasaki, Japan. Professor Fujita will be organizing the IS Section event to be held in conjunction with the meeting.