

Industrial Symbiosis Eco-Industrial Development Section Update  
April 15, 2010- May 15, 2010  
International Society for Industrial Ecology

This update service is provided by the Industrial Symbiosis Section of the International Society for Industrial Ecology. We welcome your announcements, call for papers and announcements of academic publications, corrections, insights and feedback.

The **Korean Society for Industrial Ecology** was recently organized. Many of its members have a strong interest in industrial symbiosis. The section hopes to begin collaborating with our Korean colleagues in the near future.

**Conference Announcement: Greening of Industry Network**  
***GIN2010: Climate Change and Green Growth: Innovating for Sustainability***

*June 13 - 16, 2010, Seoul, Korea*

Conference chair prof. Jong-Dae Kim (Inha University, Korea)

Climate change is the single most critical issue actively discussed all over the world. The GIN2010 conference aims to provide a stage for the discussion of practical strategies to cope with climate change challenges; hence the conference title - Climate Change and Green Growth: Innovating for Sustainability. By focusing on climate change we will also be continuing the debate we have had at our conferences in 2009 in Mexico and Denmark.

For conference information, including the conference program, registration, hotels and tours, please go to <http://www.gin2010.or.kr/>

**Zero Win: Towards Zero Waste in Industrial Networks** is a conference being held this July 6<sup>th</sup> in Southampton, UK. This is an impressive project with laudable “goals:

To find new and innovative approaches and effective strategies for the prevention of waste in industries based on industrial symbiosis

1. The development of innovative technologies, waste-prevention methodologies, strategies and system tools (e.g. eco-design, local industrial clusters, and resource exchange) exportable into other European and worldwide contexts shall represent the main focus of this action.
2. The goal is to develop a structured and innovative production model for resource-use optimisation and waste prevention, also taking residues as secondary raw materials, and test it in real cases of sustainable industrial networks.

Results should translate the vision of a sustainable development into elements of a sustainable entrepreneurship, focusing at enhancing business opportunities according to a "towards zero waste" approach. "

See [www.zerowin.eu](http://www.zerowin.eu) for more information on this important event.

Peter Laybourn writes: “Just a small clarification re NISP/WRAP/Defra. Despite some of the press/website info NISP has not been merged into WRAP, far from it. NISP is privately owned by International Synergies Limited (ISL) and NISP is a registered trademark. ISL have been awarded 4 years funding (won in open competition) from Defra through WRAP to continue NISP work. It is not in Defra’s/WRAP’s power to do anything with NISP except, and importantly of course, to withdraw their funding which is highly unlikely given the massive return on their investment.”

Mr. Laybourn will soon be providing section members with initial information on the progress of IS programmes in Romania, Hungary and Turkey as well as the work he is doing with TEDA in China and will forward this through for the next update. He asks, “On the subject of Turkey, do (our readers) you know of any Turkish academics/students working in the field? “

Ernie Lowe announced that he is establishing a revamped web site, eco-industrialpark.com which he hopes to populate with examples of successful Eco-Industrial Parks from across the planet.

Ms. Tracy Casavant of Eco Industrial Solutions announces two new courses: **Industrial Ecology & Sustainable Engineering for Thriving Businesses and Communities**

June 7, 2010 Humber College, North Campus, Toronto, ON

To register or for more information, see

<http://www.sustainabilitylearningcentre.com/Public-Courses/industrial-ecology-and-sustainable-engineering-for-thriving-businesses-and-communities.html>

**COURSE 2: Essential Steps to a Successful Eco Industrial Park/Eco Business Zone**

June 8, 2010 Humber College, North Campus, Toronto, ON

Atlantic Magazine featured an article on Eco-Industrial Parks in its April 2010 issue.

<http://www.theatlantic.com/special-report/the-climate-report/archive/2010/04/closing-the-loop/39719/>

Calls for papers close May 31 for **Going Green – CARE INNOVATION 2010** conference and exhibition on Electronics and the Environment, which will take place in the marvellous **Schoenbrunn Palace Conference Centre Vienna** (Austria, Europe) from **November 8 – 11, 2010**.

**The 3rd International Conference on Eco-Efficiency**, will be held on 9-11 June 2010, Netherlands.

Registration is still open, see the conference website:

<http://www.eco-efficiency-conf.org>

**ISIE Comes to Tokyo November 2010.**

Another Submission deadline for the International Society of Industrial Ecology Asian Pacific meetings this November ends this weekend.

Please note that **the deadline for abstract submission for ISIE meetings in Tokyo is 31 May**. We appreciate your contribution to the meetings and hope you could promote the meetings to your colleagues.

For abstract submission, please go to:

[https://orange.pwcom.co.jp/isieapmfa/user\\_regist/login.php](https://orange.pwcom.co.jp/isieapmfa/user_regist/login.php)

For details of abstract submission, please visit:

<http://www.isieapmfa.info/page/abstract.html>

The Industrial Symbiosis Section will be participating along with our colleagues from Yale University in the *7th Annual Industrial Symbiosis Research Symposium 2010: **Industrial Symbiosis-CONTRIBUTING TO CO-BENEFIT CITIES AND REGIONS-Kawasaki, JAPAN, November 5- 6, 2010***. The section wishes to thank the event organizers and our hosts Professor Tsuyoshi Fujita and his colleagues for arranging the event. Expect an email announcing the symposium which is being held prior to November 5-6, 2010) and in conjunction with the **ISIE meeting Tokyo** November 7, 2010 and **the MFA ConAccount** meetings there on November 7- 8, 2010.

**Article:** Industrial Symbiosis for the Sustainable Use of Biofuels. Mats Eklund in *Biofuels May 2010, Vol 1, #3, ppages 373-375*

**Article:** Rene Van Berkel article on strategies for achieving further eco-industrial development in *Making It, December, 10, 2009*.

**Article:** Quantifying the Total Environmental Impacts of an Industrial Symbiosis – a Comparison Process, - Hybrid and Input-Output Life Cycle Assessment. Tuomas Mattila, Suvi Pakarinen and Laura Sokka. Finnish Environmental Institute. American Chemical Society April 21, 2010.

**India:** Announcements continue about the Gujarat Industrial Development Corporation and Germany's GTZ announced plans to establish Eco-Industrial Parks in the state of Andhra Pradesh.

Japan has agreed to invest close to \$72 billion in Deli-Mumbai Industrial Corridor to build eco friendly cities in collaboration with their Indian partners, including the Deli-Mumbai Industrial Corridor Development Corporation and the India Infrastructure Finance Co. Eco Industrial Development and Industrial Symbiosis will be features of this development programme.

Infini SEA Consulting announced their interest in providing consulting services to establish Sustainable Eco Agriculture Development (SEAD) programs including an eco-

industrial development park geared toward biosecure and sustainable shrimp farming for small scale players.

**USA:** New Eco-Industrial Park proposed in Gaylord, Michigan.

**Governor’s Award for Environmental Excellence, 2010. Bucks County, PA**  
**Keystone Industrial Port Complex**, formerly the US Steel – Fairless Works, is one of the country’s most successful brownfield sites. The site has been transformed into an eco-industrial park with tenants involved in renewable energy manufacturing, metals and coal recycling, soil reuse, and electrical power production from landfill gas. Gamesa (wind blade manufacturing), AE Polysilicon (solar panel manufacturing), and Osstem (dental implant manufacturing) are currently tenants at the facility.

The complex recently signed a Sustainability Partnership with EPA to enhance environmental opportunities for current and future tenants. There are also solar panels on an adjacent landfill owned by Waste Management. All of the electricity generated at the PECO/Exelon plant within the complex, which runs on landfill gas from the landfill, goes to the complex electrical system.

**Upstate New York EIP:** Planned Canastota New York Agri-business Park to create its own power and recycle its own waste.

**Stonegate Eco-Industrial Park in Anderson, California** being actively marketed.

Philippine International Eco-Show (PINES) 26-28 August 2010 in Pasay City to include eco-industrial elements.

Tianjin China continues to see investment in its proposed eco-industrial parks with over 1 billion Yuan being invested by Singapore.

Yichuan China continues its efforts to build a new Eco-Industrial Park.

The United Nations Development Programme newsletter New Horizons Issue 53 May 2010 The UNDP Turkey Newsletter carried an article on Peter Layborn of NISP and Ms. Tracy Cassavant of Eco-Industrial Solutions talk. Which is part of “the first phase of *Towards an Industrial Symbiosis Programme in Iskenderun Bay Area* is completed with the meetings held in Adana and Ankara in April. The programme is implemented by United Nations Development Programme(UNDP), in partnership with and financial support of the State Planning Organization (SPO) and the executing agency of the project is the Adana Chamber of Industry (ADASO).”