Is in India- Elsa Ghovetti MIT
- Mapping of material flows - working with businesses to redirect flows.
- Boiler ash from combustion for energy generation. Heather than fly ash. Reuse into new brick.
- Digging for red clay (soil erosion); high demand for housing and boiler ash requires less heat energy to produce.
- Room temp curing vs. 1000 degree Celsius

Marian Chenow - Circular Economy
- Need a network cross in all 4 projects. Need a knowledge of feedstocks
- Secondary markets act differently than primary so you have to understand this.
- Dynamics of IS article in IS
- Journal of sustainability - looking for articles on how EcoParks are set up.
- Need to collaborate more. Opportunities for creating a whole new market (like compost and soil)

Guillaume Massard - RIIE website ISIE.org
- Sign up for newsletter
- Linked in group
- Eco Innovation Parks in Switzerland report on site
- Network page - sign up

World Round-Up
- Regulatory barriers to SD
- Sustainable agriculture in Chicago using EID as a strategy for economic development
- Bridgeport creating mayor training program
- H2S, forestry and feral horses byproduct identified. Pulp mill is study reported by Professor Cote
- K7 meadows ex industrial park (Kaiser Meadows Eco-Industrial Park in Nova Scotia)
- Waste to energy in Sweden
- Sweden - Chemical construction blocks made out of food waste slurry reported by Graham Aid
- Quebec - Agri food waste big gas and working on mockd and plastics
- Mexico struggling since government is not interested in IS. Still working with private firms, reported by Professor Cventures
- Switzerland - indicator study. Web platform for management of parks and companies. Managed data on material flows in companies in par.
- Guillaume Massard directed his to massive study of European Eco Parks which is on the 5 section web site. He is working on indicators for sustainable industrial parks.

Extracting Value from Data - Chris and Graham

Cove Eco Park
- Economic diversity. Value proposition had to be high so they provide incentives - using eco park standards an incentive.
- Assessing what resources are available and how to maximize their use.
- 420 acres
- 150 million in infrastructure so business has to add value to the park. So they would not accept warehousing. Has to be value added
- Multi-use tenant building set up to be incubator.
- All facilities underground. 10% open space and also a bufferzone from adjacent residents. Green building. Solar street lights.
- Waste recycling, condiment manufacturing, juice manufacturing, composting and recycling of waste products.
- Bitumen, condurate out of existing gas plant
- Looking for an anchor tenant
- 200 acre expansion possibility
- Eco is commitment to the island mandate

Bridgeport EcoPark
- Fuel cells and solar pv SMP
- Waste heat from fuel cells for district energy
- Bridgeport university off grid using energy and waste heat/ district heating loop using water (technology from Denmark)
- Sludge digester in permitting. Currently being burned. Instead digest it and power the plant with the gas.
- Federal housing project next to existing sewer plant. Get rid of swage by digester and project includes greenhouse that will grow local produce for housing project (jobs, food, local, healthy)
- Using sewage sludge to cool trash to energy plant
- Mattress recycling law in CT. 5% Eco fee on mattresses and box spring (product stewardship laws to create commodities for recycled products (metal, wood, etc)
- Bodenlive - grow algae in greenhouse next to trash energy facilities. Create algal oil to add to biofuel to meet state requirement of 20% biofuels in oil in CT
- Partnerships and community engagement are key

****Track how much waste Dewers generates as a new metric. How much Dona diverts. Have a competition on who can reduce the most

Ray Cote What is an Eco Park and what are performance indicators and standards
- An industrial food web. Rule companies creating a circular economy.
- Level of performance or status
- Other standards to consider

- Modified LEED standard for Eco park??
- Standards targeting individual tenants vs the park as a whole.
- Efficiency and amenities
- Performance - Eco criteria (see Rays presentation for bit from 2014)
- 249 indicators for EIP’s - new study just coming out.
- Should be an International standard or criteria for defining EIP’s.
- Ecosystem diversity could make setting EIP standards worldwide difficult.
- Could develop broad goals
- How people feel about the park
- LRC and ISO 14011
- Patterns of issues with EIP’s - is there common EIP issues/goals throughout the world that you could develop standards that would apply across the board.
- Global performance standards for Eco - districts - something similar?
- Don’t forget the human element, level of working, community involvement.
- ISIE survey to ID elements of an EIP and analyze by world region.
- Social exchange has to be part of material exchange
- Minimum standards in China creates incentives to meet those standards

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