312: THE ROTTEN IPRO

COMMERCIAL SCALE COMPOSTING AT IIT
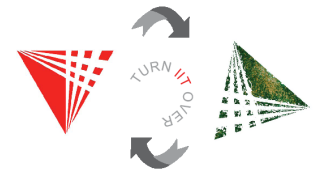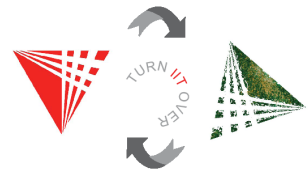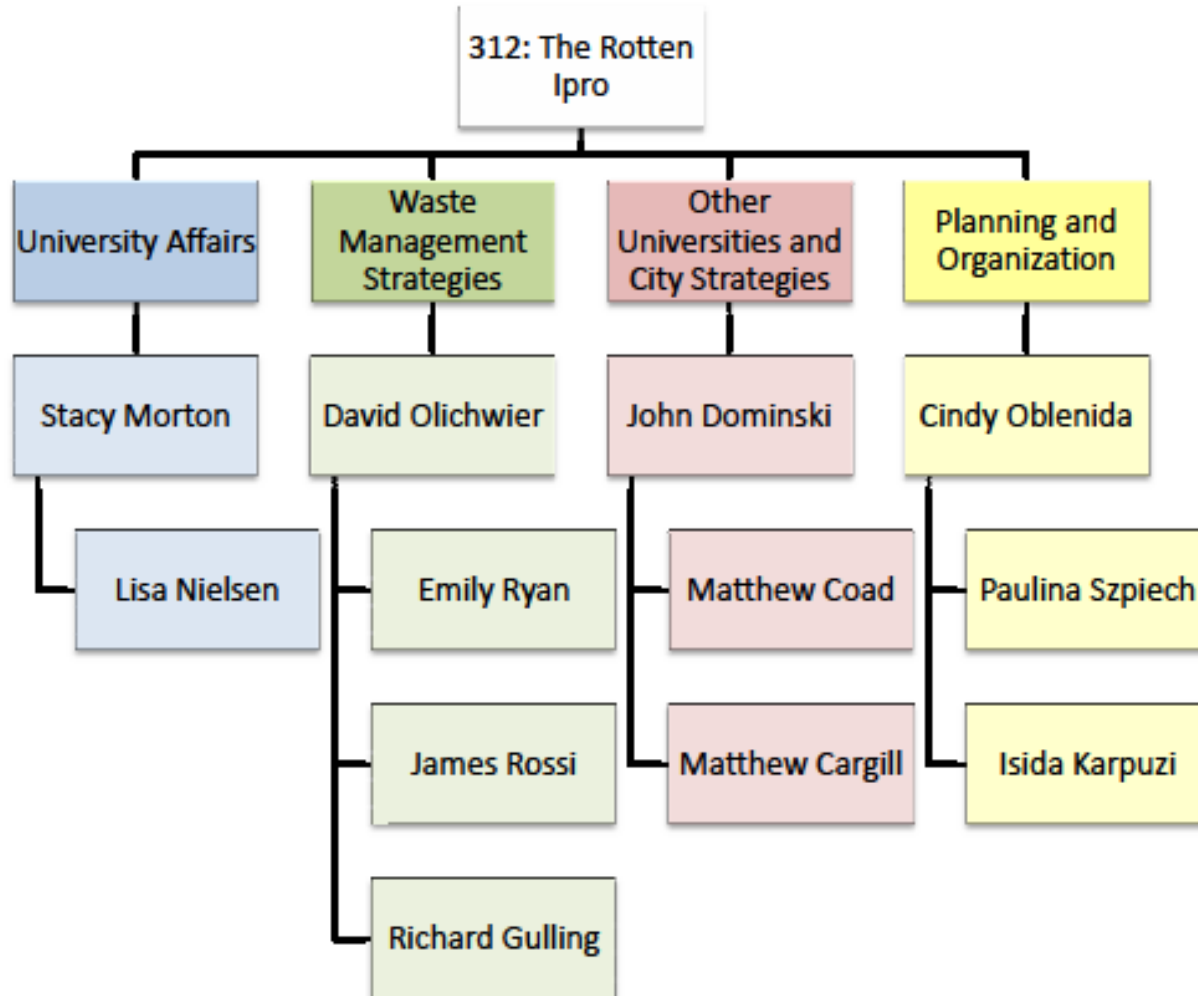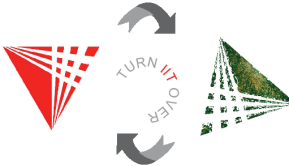
As part of IIT's effort to create a sustainability plan, determine the best method on how to recycle organic waste generated by the university
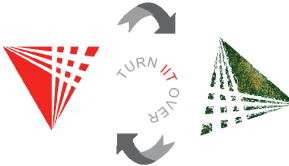
TEAM ORGANIZATION

OBJECTIVES

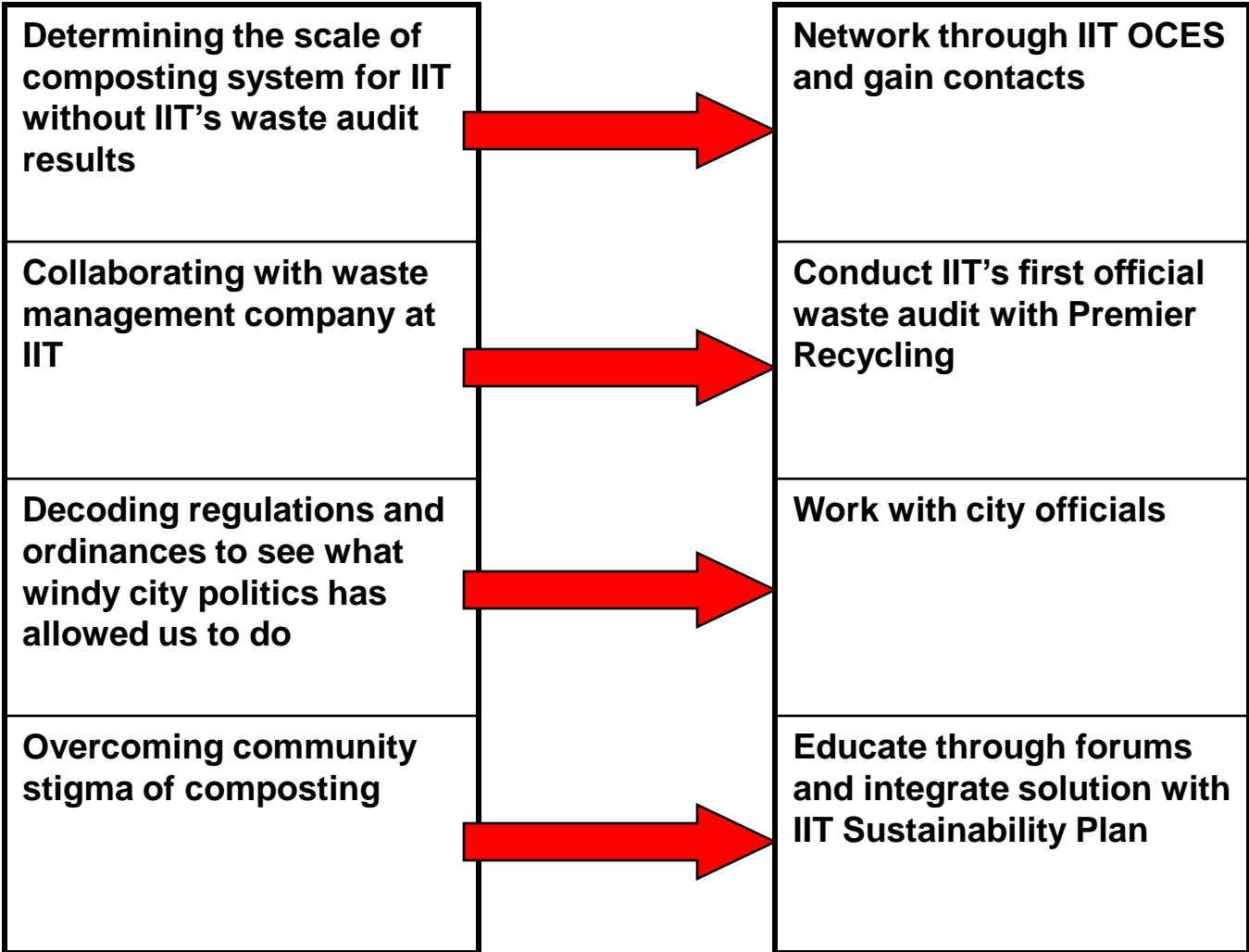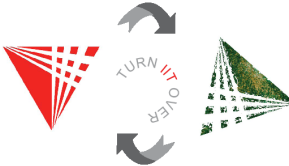Based on research, give IIT a tangible solution for organic waste recycling

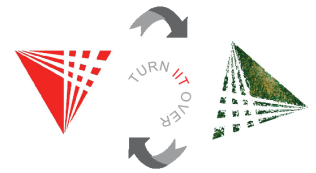| UNIVERSITY AFFAIRS TEAM	ORGANIC WASTE RESEARCH TEAM	OTHER UNIVERSITIES TEAM	CHARTER TEAM
•To have relations with Office of Campus Energy and Sustainability, Premiere Recycling, and Sodexo • Gather waste data from IIT's Main Campus	•Research composting methods •Decide scale of composting facility to meet IIT waste management needs •Research other waste management methods •Determine allowable composting materials	•Research, compare and contrast other university efforts for sustainability and composting • Figuring out Chicago, Cook County and IL regulations for such a process	•Document weekly team discussion and progress • Ensure IPRO office deliverables are submitted on time • Prepare booklet for final report presentation to IIT •Branding

PROGRESS

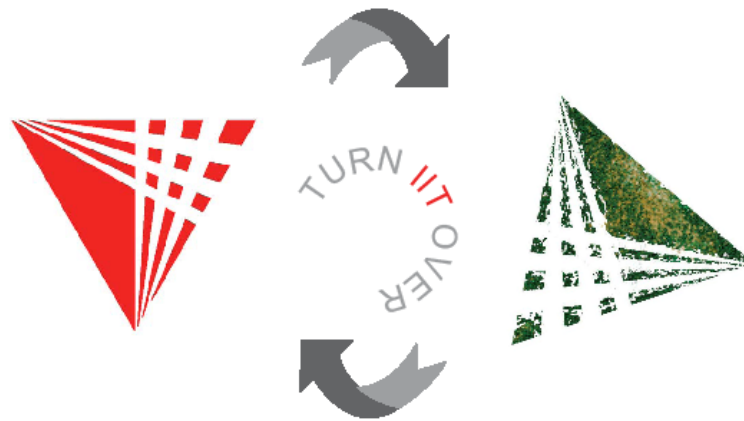| UNIVERSITY AFFAIRS TEAM	ORGANIC WASTE RESEARCH TEAM	OTHER UNIVERSITIES TEAM	CHARTER TEAM
•Landscape Waste: 30 cubic yard dumpster/month from April to November •Food Waste: 2,500/week = 80,000 lbs/year •Waste audit scheduled with Premiere Recycling •Organize visit to Brookfield Zoo	•Research and determine the best composting methods for our needs is in vessel unit •Examine mechanics of composting •Collaborate with Other Universities team on feasible solution	•Compare composting programs at the other universities to needs of IIT • Analyze municipal regulations, authorizations, and permits •Contact local businesses on how food waste is disposed	•Project Plan •Sales Pitch •Business Card •Brochure •Design and outline of final booklet •Team spir**IIT**

OBSTACLES AND RESOLUTIONS

Obstacle	Resolution
Determining the scale of composting system for IIT without IIT's waste audit results	**Network through IIT OCES and gain contacts**
Collaborating with waste management company at IIT	**Conduct IIT's first official waste audit with Premier Recycling**
Decoding regulations and ordinances to see what windy city politics has allowed us to do	**Work with city officials**
Overcoming community stigma of composting	**Educate through forums and integrate solution with IIT Sustainability Plan**

ANTICIPATED CHALLENGES

- Time constraints

- Determine the best composting method regarding regulations and campus needs

- Present sufficient research and data to support proposal to IIT administrators and community

- Finalize comprehensive booklet precisely documenting team progress

QUESTIONS?

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