



em[POWER]: Renewable Resource Oriented Development of an Integrated School and Community Infrastructure

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Mission:

- Our tangible goal is to couple a methane-based power plant that derives its power source from municipal waste with the sustainable development of a school and community infrastructure for people that live in landfills.
- Our broader, more intangible, vision is to convert a form of poverty into a mechanism that can be used by a community to improve their living conditions and allow them to make a positive contribution to society.

The project will require the collaboration of a wide range of fields, particularly renewable energy, waste management, city planning and education. Scholars from Rutgers, Princeton University, and University of California-Berkeley will head it, with partners at Cornell University, Penn State, NED University and other non-profit organizations around the world.

It is envisioned that the physical development of the project will be completed in three stages:

1. Feasibility Study, Methane Capture, School and Community Development
2. Expanded Methane Capture and Methane Power Plant with 10MW Capacity
3. Expanded Power Plant, Residential, Health and Community Infrastructure

This project hopes to be a stepping-stone, a template that can be replicated to empower communities with similar circumstances.

Currently: Our immediate goal is to raise funds and support for the procurement and distribution of gloves and masks to protect children and adults from the hazards of sorting through burning garbage until this project can supply a sustainable source of protective gloves, masks and other items. Also, we are always looking for support in any form, if interested please contact us via email.

For more information please contact: info.empowerenergygroup@gmail.com

Website: <http://www.princeton.edu/~ttong/Temporary/Karachi/index.html>

F/b Group: <http://www.facebook.com/group.php?gid=68718381664>

Gallery: <http://www.princeton.edu/~ttong/Temporary/Karachi/gallery/A1%20Khair%20Art%20Exhibit/index.html>

