

## PROTOTYPE - FACT SHEET

**NAME:** VICENTE CO  
**WORKING GROUP:** 4 – ENERGY EFFICIENCY  
**ORGANIZATION:** PHILIPPINE PLASTICS INDUSTRY ASSOCIATION

### TITLE:

**Invest in Energy-Efficiency Shifting Technology**

#### Mission statement

To reduce energy consumption by introducing new and efficient equipment and processes in the manufacturing chain.

To establish a standard mentality of energy-efficiency, high productivity and safe manufacturing industry chain.

#### Briefly describe your prototype idea

1. The project, at the beginning, would aim to raise the awareness of the target industries regarding productivity, safety, continuous improvement, energy efficiency cost savings and benefits that comes with it
2. The next step would be to have an assessment of the industry supply chains, so that we would have an idea where the problem lies in regards to energy-efficiency, productivity, safety, inclusive business and gender equality
3. Next would be to identify the right technologies to improve energy-efficiency based on the assessment done
4. We would need to find collaborators/partners in financial institutions and government agencies
5. Implementation of the project

6. Monitoring the results to make sure the goal is achieved. This will also allow us to make sure that the project is sustainable and effective

### Target group

Small and medium size member companies of the manufacturing sector that are energy intensive, i.e. plastic industry, cement and pulp & paper, to name a few, and expand to all manufacturing industry.

### Potential partner(s) for implementation

GIZ, Green Funds, Bank of the Philippines Island (BPI), Association of Development Financing Institutions in Asia and the Pacific (ADFIAP), Development Bank of the Philippines (DBP), LandBank, Department of Trade and Industry - Board of Investments (DTI-BOI), Department of Energy (DOE), ESCOs (local and international) machine suppliers, Outsource energy audit.

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### Key challenges and opportunities

#### Challenges:

1. For companies to submit data regarding their processes and supply chain.
2. Availability of experts and technology suppliers required
3. Financial institutions ability to identify projects
4. SME companies to qualify for loans

#### Opportunities:

Some technologies are already available in the market to help the industry reduce energy consumption.

### Next steps

1. Get industry association involvement in the project
2. Build steering committees in the different industries to champion the implementation of the project. (CEO Level)

3. Assessment of different sectors. (Use of energy audit, consultants and industry experts)
4. Set up meetings for presentation of new technologies and invite industry players, government agency as well as financial institutions for information dissemination
5. Work on regulatory requirements for members. (Good House Keeping, regulations to improve businesses, product and process standards)
6. There would be a need for incentive programs to encourage the participation of the targeted industries (fiscal and non-fiscal incentive, government incentives, certifications and awards program for the participants)
7. Capacity building for financial institutions to identify and form loan windows for the project