

Chapter V

5.1 Conclusion

In the modern society, there are many rapidly growing resources such as technology that helps us millennial generation to advance in the industry. Throughout the product development, we shall not forget about the environmental concerns that happen worldwide. The Food and Agriculture Organization (FAO) reported earlier this year that approximately one third of the total food produced for consumption, amounting to 1.3 billion tons per year, is lost or wasted. Food waste is one of the most concerning issue worldwide that deserves more attention especially in the urban areas.

Our approach is to reuse, recycle, and redesign major food waste that can be turned into nutritious product by using natural manners. Other than environmental concerns, banana peel powder is designed to provide simple, easy, and affordable nutritious product to encourage healthy lifestyle for everyone.

By using freeze-drying method, production capability can be adjusted according to the market demands. Ingredients required can be found year-long with relatively stable price so the production process can be done at anytime. Although the market is not familiar with the product, as soon as it hits the market it will become profitable. It can be kept for long period to prevent product waste from spoiling.

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