Supplementary Materials

Questionnaire

1. Opinion survey on the degree of concern of stakeholders

Thank you for your support of "Taiwan Sugar Co., Ltd. Biotechnology Materials Factory" (hereinafter referred to as the factory), and hope to understand the suggestions and advice of stakeholders through the responses to the questionnaire. Thank you for taking the time to fill out the questionnaire. thanks!

I. Basic information

□Operation Manager □ Employee □ Shareholder □ Community □ Consumer/Customer

□ Raw material suppliers/contractors/distributors □ Media □ Government agencies/public opinion representatives

□Waste disposal manufacturers

II. Economic aspects

1. How concerned are you about the company's corporate governance practices (board operations, ethics and conflicts of interest, internal control systems, board performance evaluation, etc.)?

□ Not at all concerned □Not concerned □Normal □ Concerned □Extremely concerned

2. How concerned are you about the operational financial performance of the factory, the financial impact of climate change, the provision for retirement benefit plans, and financial assistance from the government?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

3. How concerned are you about the ratio of local management personnel employed by each operating base of the factory and the ratio of the standard salary of grassroots personnel to the local minimum salary?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

4. How concerned are you about the factory's investment in community infrastructure, service development, social welfare participation and significant indirect economic impact?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

5. How concerned are you about the proportion of the factory's procurement expenditure from local suppliers at its operating bases?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

6. How concerned are you about whether the factory conducts anti-corruption risk assessment, conducts anti-corruption education and training, and takes actions against corruption incidents?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

7. are you concerned about whether the factory is involved in legal actions such as unfair competition, antitrust and monopoly behavior?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

8. How concerned are you about whether the factory discloses its tax policy?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

III. Environmental aspect

9. How much do you care about the raw material used in the production process - the weight or volume of oyster shells, the proportion of recycled materials as raw materials, and whether the packaging materials of the products are recycled?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

10. How concerned are you about energy consumption, reductions in energy consumption, reductions in energy demand for products and services, both within and outside your facility?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

11. How concerned are you about the water consumption and drainage of the plant?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

12. Do you have a significant impact on biodiversity due to the activities, products and services of your factory, and how much do you care about participating in ecological restoration activities?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

13. How concerned are you about the plant's GHG emissions, GHG emissions reduction, ozone-depleting substances emissions and other air pollutant emissions management?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

14. How concerned are you about waste management at your facility?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

15. Do you care about whether the factory violates the provisions of environmental laws and suffers heavy fines or non-monetary penalties?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

16. How concerned are you about management criteria such as the percentage of new suppliers screened by your factory using environmental criteria, and actions taken by suppliers with negative environmental impacts?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

17. How concerned are you about the emergency response measures taken by your factory in response to climate change and its impact?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

18. Are you concerned about the reduction of waste generation by our factory through prevention, reduction, recycling and reuse, to ensure sustainable consumption and production mode, and to reduce the impact on the environment?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

IV. Social aspect

19. How concerned are you about the rate of new recruits, turnover rates, benefits, and the rate of reinstatement after a parental leave without pay?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

20. How concerned are you about the shortest notice period of the factory's operational changes (such as closure, layoff) or lost working time due to industrial disputes, strikes, and factory closures?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

21. How concerned are you about serious occupational injuries in the factory?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

22. How much do you care about the number of educational and training hours, regular performance and career development reviews of our employees, as well as employee enhancements and transition assistance programs?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

23. Do you care about the diversity of members and employees of the management unit of the factory, as well as the basic salary and salary equality between men and women?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

24. How concerned are you about whether an incident of discrimination has occurred in the factory and the improvement actions taken by the company?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

25. How concerned are you about the risk of violating free association and group agreements with your factory and suppliers?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

26. Do you have a significant risk of using child labor in our operations and suppliers, and how concerned are you about the contribution and measures to effectively abolish child labor?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

27. Are you concerned about the significant risk of forced labor in the factory and suppliers, and how much you care about the contribution and measures to effectively eliminate forced labor?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

28. How concerned are you about the proportion of security personnel in our factory who receive human rights education and training?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

29. Are you concerned about any incidents that violate the human rights of local aboriginal people and the actions you have taken?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

30. How concerned are you about whether the factory is subject to human rights scrutiny by other organizations, whether company personnel receive human rights policy training, and whether major investment agreements contain human rights clauses?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

31. How much do you care about the communication, development plan and negative impact assessment of the local community in the operation of the factory?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

32. How concerned are you about the proportion of new and old suppliers selected by the factory using labor conditions, human rights, and social conditions impact criteria, as well as the actions taken by suppliers with negative labor, human rights, and social conditions impact?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

33. Do you care about the factory's political contributions?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

34. Are you concerned about whether the factory has assessed the impact of products and services on health and safety, and whether products and services violate regulations?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

35. Are you concerned about whether the products and services provided by the factory comply with the labeling, and whether they violate labeling regulations and marketing communication regulations?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

36. How concerned are you about whether there are complaints about invasion of customer privacy or loss of customer information in our factory?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

37. Are you concerned about the violation of major social and economic laws and regulations by the factory?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

38. How much do you care about our factory in promoting healthy life, preventing chronic diseases, preventing malnutrition, investing in the production of healthy, nutritious and reasonably priced food, and improving the welfare that the region needs?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

39. How concerned are you about animal welfare, such as animal physiological transformation, anesthesia, antibiotic use, hormone and growth hormone use?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

40. How concerned are you about the land supply status of the factory in the urban plan?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

41. How concerned are you about the social impact of the factory's preservation of historical and cultural assets?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

42. How much do you care about the R&D that our factory invests in innovative products and services?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

43. How much do you care about the factory making good use of land resources, helping to provide safe and nutritious food to eliminate hunger, and developing agricultural technology to promote sustainable agriculture?

□ Not at all concerned □Not concerned □Normal □ concerned □Extremely concerned

2. Opinion Questionnaire on Impact Degree of Stakeholders

In order to understand the impact on the sustainable operation of "Taiwan Sugar Co., Ltd. Biotechnology Materials Factory" (hereinafter referred to as the factory), the affected topics are presented in the report. Thank you for taking the time to fill out the questionnaire. thanks!

I. Basic information

- What is your affiliation:

- What is your job title:

II. Economic Aspects

What do you think the impact of the following economic themes on the sustainable operation of the factory?

1. The company's corporate governance operation practice (board operation, ethics and conflict of interest, internal control system, board performance evaluation, etc.)

□Very low impact □Low impact □Normal □High impact □Very high impact

2. The operational financial performance of the factory, the financial impact of climate change, provisions for retirement benefit plans and financial grants from the government.

□Very low impact □Low impact □Normal □High impact □Very high impact

3. The proportion of local management personnel employed by each operating base of the factory and the ratio of the standard salary of grassroots personnel to the local minimum salary.

□Very low impact □Low impact □Normal □High impact □Very high impact

4. The factory's investment in community infrastructure, service development, social welfare participation and significant indirect economic impact, etc.

□Very low impact □Low impact □Normal □High impact □Very high impact

5. Proportion of the factory's procurement expenditure from local suppliers at its operating base.

□ Very low impact □Low impact □Normal □High impact □Very high impact

6. Whether the factory conducts anti-corruption risk assessment, conducts anti-corruption education and training and takes actions against corruption incidents.

□Very low impact □Low impact □Normal □High impact □Very high impact

7. factory is involved in legal actions such as unfair competition, antitrust and monopoly behavior.

□Very low impact □Low impact □Normal □High impact □Very high impact

8. Whether the factory discloses tax policy.

□Very low impact □Low impact □Normal □High impact □Very high impact

III. Environmental Aspects

What do you think the impact of the following environmental themes on the sustainable operation of the factory?

9. The raw materials used by the factory in the production process - the weight or volume of oyster shells, the proportion of recycled materials as production raw materials, and whether to recycle the product and its packaging materials.

□Very low impact □Low impact □Normal □High impact □Very high impact

10. Internal and external energy consumption, energy consumption reduction, energy demand reduction of products and services, etc.

□Very low impact □Low impact □Normal □High impact □Very high impact

11. The water consumption and drainage of the factory.

□Very low impact □Low impact □Normal □High impact □Very high impact

12. Whether the factory has a significant impact on biodiversity due to its activities, products and services, and whether it participates in ecological restoration activities.

□Very low impact □Low impact □Normal □High impact □Very high impact

13. The plant's greenhouse gas emissions, greenhouse gas emissions reduction, ozone-depleting substances emissions and other air pollutant emissions management.

□Very low impact □Low impact □Normal □High impact □Very high impact

14. Waste management at the factory.

□Very low impact □Low impact □Normal □High impact □Very high impact

15. Whether the factory violated the provisions of environmental laws and regulations, and suffered heavy fines or non-monetary penalties.

□Very low impact □Low impact □Normal □High impact □Very high impact

16. The proportion of new suppliers screened by the factory using environmental criteria, and management criteria such as actions taken against suppliers with negative environmental impacts.

□Very low impact □Low impact □Normal □High impact □Very high impact

17. The relevant emergency measures taken by the factory in response to climate change and its impact.

□Very low impact □Low impact □Normal □High impact □Very high impact

18. In our factory, through prevention, reduction, recycling and reuse, the generation of waste is greatly reduced to ensure a sustainable consumption and production mode and reduce the impact on the environment.

□Very low impact □Low impact □Normal □High impact □Very high impact

IV. Social aspect

19. Changes in the new recruit rate, turnover rate, benefits, and reinstatement rate after parental leave without pay.

□Very low impact □Low impact □Normal □High impact □Very high impact

20. The shortest notice period for changes in the operation of the factory (such as closure, layoff) or the loss of working time due to industrial disputes, strikes and factory closures .

□Very low impact □Low impact □Normal □High impact □Very high impact

21. Whether serious occupational injury occurred in the factory.

□Very low impact □Low impact □Normal □High impact □Very high impact

22. Our employees receive education and training hours, regular performance and career development reviews, as well as employee function enhancement and transition assistance programs.

□Very low impact □Low impact □Normal □High impact □Very high impact

23. Diversity of members and employees of the management unit of the factory, and equality of basic salaries and remuneration for men and women.

□Very low impact □Low impact □Normal □High impact □Very high impact

24. Whether there has been a discriminatory incident in the factory and the corrective actions

taken by the company.

□Very low impact □Low impact □Normal □High impact □Very high impact

25. Whether there is a risk of violating the agreement of free association and group between the factory and its suppliers.

□Very low impact □Low impact □Normal □High impact □Very high impact

26. Whether the factory has a significant risk of using child labor at its operating bases and suppliers, and the contribution and measures to effectively eliminate child labor.

□Very low impact □Low impact □Normal □High impact □Very high impact

27. Whether the factory has a significant risk of forced labor at its operating bases and suppliers, and its contribution and measures to effectively eliminate forced labor.

□Very low impact □Low impact □Normal □High impact □Very high impact

28. The proportion of security personnel in the factory who have received human rights education and training.

□Very low impact □Low impact □Normal □High impact □Very high impact

29. Whether the factory has violated the human rights of local indigenous people and the actions it has taken.

□Very low impact □Low impact □Normal □High impact □Very high impact

30. Whether the factory has accepted human rights review by other organizations, whether company personnel have received human rights policy training, and whether major investment agreements contain human rights clauses.

□Very low impact □Low impact □Normal □High impact □Very high impact

31. Whether the factory conducts communication, development plans and negative impact assessments with local communities in its operating bases.

□Very low impact □Low impact □Normal □High impact □Very high impact

32. The factory uses labor conditions, human rights, and social conditions impact criteria to select the proportion of new and old suppliers, as well as management criteria such as actions taken against suppliers with negative labor, human rights, and social conditions.

□Very low impact □Low impact □Normal □High impact □Very high impact

33. The factory has no political contributions.

□Very low impact □Low impact □Normal □High impact □Very high impact

34. Whether the factory has assessed the impact of products and services on health and safety, and whether products and services have violated regulations.

□Very low impact □Low impact □Normal □High impact □Very high impact

35. Whether the products and services provided by the factory comply with the labeling, and whether they violate labeling regulations and marketing communication regulations.

□Very low impact □Low impact □Normal □High impact □Very high impact

36. Whether there is a complaint incident of violation of customer privacy or loss of customer information in the factory.

□ Very low impact □Low impact □Normal □High impact □Very high impact

37. Whether the factory has violated major social and economic laws and regulations.

□Very low impact □Low impact □Normal □High impact □Very high impact

38. The impact of our factory in promoting healthy life, preventing chronic diseases, preventing malnutrition, and investing in the production of healthy, nutritious and reasonably priced food, and improving the welfare of local needs.

□Very low impact □Low impact □Normal □High impact □Very high impact

39. The impact of the factory on animal welfare, such as animal physiological modification, anesthesia, antibiotic use, hormone and growth hormone use.

□Very low impact □Low impact □Normal □High impact □Very high impact

40. The factory's land supply status in the urban plan.

□Very low impact □Low impact □Normal □High impact □Very high impact

41. The factory has an impact on society in the preservation of historical culture and cultural assets.

□Very low impact □Low impact □Normal □High impact □Very high impact

42. The factory invests in innovative research and development in products and services.

□Very low impact □Low impact □Normal □High impact □Very high impact

43. In our factory to help provide safe and nutritious food to eliminate hunger, and develop agricultural technology to promote sustainable agriculture.

□Very low impact □Low impact □Normal □High impact □Very high impact