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Solutions Assessment

TEMPLATE

NAME OF THE COMPANY:

Sustainable Wine Solutions-Bottle Return Scheme

COUNTRY:

UK

NAME OF THE SOLUTION:

Sustainable Wine Solutions-Bottle Return Scheme

REVIEWED BY:

Melissa Saunders

AREA OF APPLICATION:

Bottling & Packaging ;Logistics, Supply Chain & Distribution;

ENVIRONMENTAL BENEFIT:

Greenhouse Gas Emissions;Waste and Circularity ;Sustainable Development ;Energy ;

1. ALIGNMENT:

Is this solution/best practice contributing to adapt to or mitigate the effects of climate change within the wine value chain?

YES

Why?

Single-use glass bottles are energy intensive to produce and generate copious amounts of waste. This well thought out system for bottle reuse results in carbon emission and packaging waste reduction. The potential impact is significant.

*If **yes**, please continue with assessment*

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ADAPTATION

MITIGATION

2. DEPTH

Is the quality, quantity and depth of the information shared, robust and sufficient to fully understand its concept, scope, benefits, challenges and strategy in place?

YES

Why?

Yes, the strategy and its implementation is very detailed and accounts for first hand experience.

3. SCALABILITY (if applicable)

Are the activities and processes required to produce / operate / implement / and/or deliver this solution feasible at its intended scale? If the Solution is already fully implemented, can this scale be increased or maintained in the future?

YES

Why?

Yes, the activities and infrastructure accounts for the operation's current scale. Details for how to scale larger are also included.

4. REPLICABILITY

Within similar contexts, can this solution be executed again with identical environmental benefits?

YES

Why?

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Yes, to an extent. There will be market variables, but from a big picture standpoint, the solution can be replicated with 'similar' environmental benefit.

5. ENVIRONMENTAL BENEFIT

Is this solution contributing to its identified environmental benefits?

YES

How?

The solution reduces reliance on single use glass by creating an infrastructure for reuse. The environmental benefits are reduced waste and carbon emissions.

Does it consider the entire lifecycle (production, distribution, use and disposal stages)?

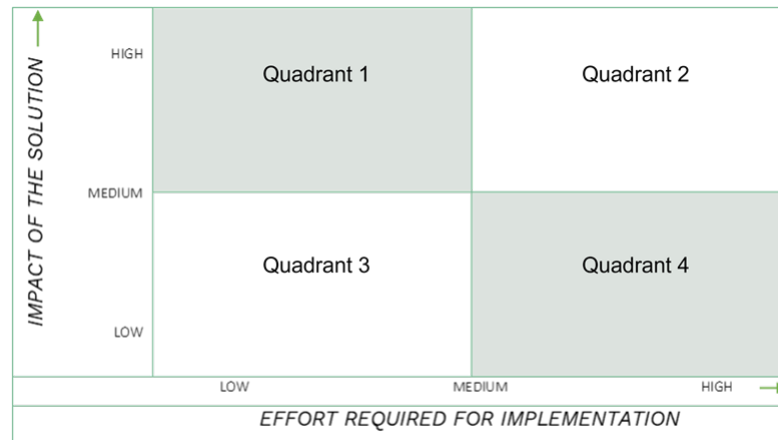
YES

6. IMPLEMENTATION EFFORT

How would you rate this solution regarding its complexity, effort, cost and environmental benefit?

To answer this question please look at the table bellow, and rate it according to quadrant/square you feel represents best the balance between environmental impact and effort (in terms of time and cost).

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EFFORT REQUIRED (1 to 10) 10

IMPACT OF THE SOLUTION (1 to 10) 10

Why?

Any changes to infrastructure and human behavior are difficult and will require a large amount of effort. The benefit will be worth the effort because the potential for impact is great.

7. FURTHER COMMENTS

We would like to hear more about your opinion on the questions below, thus adding value to the evaluation and understanding of the solution.

What are the weaknesses of the Solution, and how could these be overcome?

A standard bottle would reduce the need for sorting and make the process more feasible. but it is good to start somewhere!. Return rates for off trade seem high.

What are the strengths of the Solution that could be exploited to maximize its impact?

On trade waste glass reduction is a huge benefit to that customer.

Do you have any advice in regards to the implementation of the Solution?

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I think this is a great place to start and I would encourage looking to bottle reuse systems in other countries for insight and advice based on their experience. There is much to be learned from other markets already implementing this practice.

Do you have any other recommendations for the author to explore in more detail?

I would recommend exploring what practices are most effective getting consumers to return bottles purchased off trade. Is it the deposit scheme? Marketing campaigns? Etc. This intelligence would be useful as others' try to replicate programs that result in the highest level of impact!

FINAL STATUS

Is this solution ready to be published and be a part of our resource library?

PUBLISH

If rejected, why?