

Ver resultados

Inquirido  
20 Anónimo

221:29  
Tempo para  
conclusão

General **INFORMATION**

1

Name of the Company \*

Henry of Pelham

2

Country \*

Canada

3

Solution Title \*

Wetland restoration and bio-filters and woodland preservation

4

Reviewed by: \*

Miguel Cachão

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## Area of Application \*

- Vineyard
- Bottling & Packaging
- Winery
- Business & Education
- Logistics, Supply Chain & Distribution
- Other industries

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## Environmental Benefit \*

- Biodiversity Protection
- Energy
- Greenhouse Gas Emissions
- Pest Management
- Soils Management
- Sustainable Development
- Waste and Circularity
- Water Use and Pollution

Solution **ASSESSMENT**

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## A. ALIGNMENT \*

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

- YES
- NO

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## A1. WHY? \*

The solution can contribute to reduce the effects of climate change directly on the reduction of water usage and improvement of biodiversity. Indirectly, this solution could reduce the amount of pesticides by the increase of beneficial insects and the effect of green infrastructures and energy by less needs to pump water. It could also contribute to reduce pollution.

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## B. 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 NO

10

## B.1. WHY? \*

It's easy to understand the solution. It could have more accurate information regarding water quality parameters and also more accurate information regarding biodiversity indicators. When considering the construction of green corridors, it's important to mention what species were used and why.

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## C. 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 NO

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## C.1. WHY? \*

The solution regarding forestation are scalable according to each company. As mentioned, not just about the size but the most important factor is to choose the correct species. For green corridors, the plants' choice should consider 3 sizes in order to create a barrier. Water restoration and bio-filters, considered as it is on the solution, depends on the land properties.

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## D. REPLICABILITY \*

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

 YES NO

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D.1. WHY? \*

Yes. The solution is easy to implement. It should be considered possible advices regarding constrains/difficulties based on this experience.

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E. ENVIRONMENTAL BENEFIT \*

Is this solution contributing to its identified environmental benefits?

YES

NO

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E.1. HOW? \*

Even thou there isn't quality assessment, it's quite easy to understand that water quality increases after its passage through bio-filters. Moreover, the erosion is reduced.  
The increase of biodiversity is also an important environmental benefit achieved by this solution.

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F. LIFECYCLE \*

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

YES

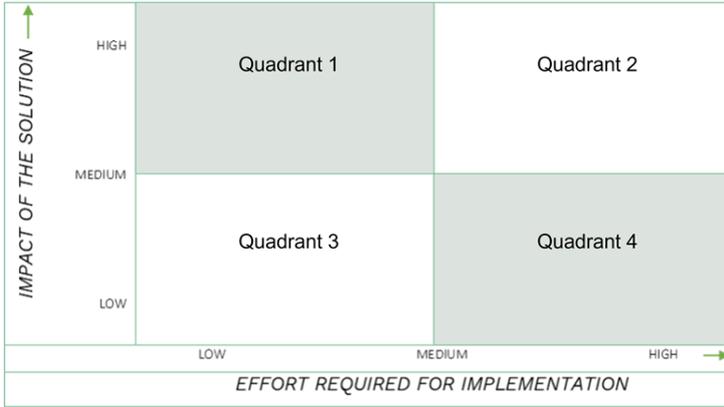
NO

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G. 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 below, and rate it according to quadrant/square you feel represents best the balance between environmental impact and effort (in terms of time and cost).



Woodland preservation - Quadrant 1; Water restoration and bio-filters - quadrant 2

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G1. EFFORT REQUIRED \*

0	1	2	3	4	5	6	7	8	9	10
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LOW

HIGH

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IMPACT OF THE SOLUTION \*

0	1	2	3	4	5	6	7	8	9	10
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LOW

HIGH

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G1. WHY? \*

it needs some investment of money and time to achieve success. However, the impact concerning better water quality, increase of biodiversity and landscape value is high.

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.

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

The solutions doesn't mention any possible difficulty faced. It's wise to advice interested partners of possible constraints to avoid frustration. Moreover, the solution could mention possible water analysis before and after bio-filters and biodiversity indicators before and after implementation of forests and green corridors.

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

The possibility to improve water quality and biodiversity improvement.

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

The solution could have a possible financial assessment of the investment. It could also have a reference to species used on the forestation activity. It could also describe activities done regarding underdrainage.

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

Water quality and biodiversity indicators should have an assessment.

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

PUBLISH

REVIEW

REJECTED

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If rejected, why?