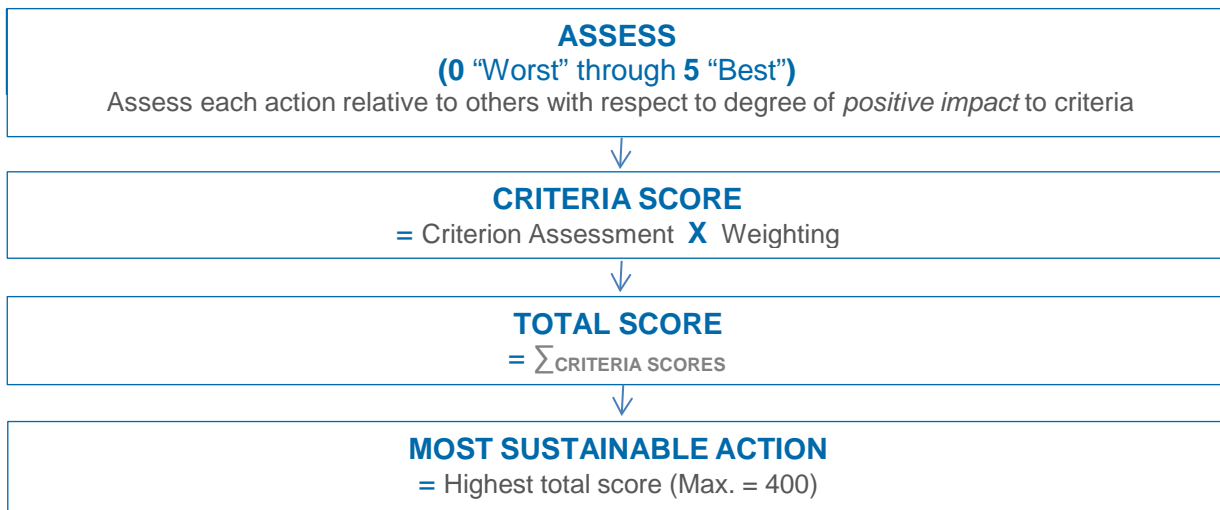


Multi-Criteria Assessment (MCA) Tool

Purpose

The Multi-Criteria Assessment Tool is a methodology to assess the sustainability of alternative options or actions in consideration of the goals and objectives of the [Future Oxford Community Sustainability Plan](#). Its purpose is to help guide councils, organizations, businesses and others in making decisions that support a sustainable future.

MCA Approach



Practical use of the MCA during initial implementation of the Future Oxford Community Sustainability Plan will inform the determination of appropriate thresholds to determine sustainability.

Assessment Criteria

- Criteria is developed using goals and objectives within the Future Oxford Community Sustainability Plan, along with implementation costs and time.
- Criteria are weighted to ensure a balanced assessment.
- The criteria and weighting are illustrated in the table below.
- An example assessment is also provided to illustrate use of the MCA.

FutureOxford

OUR PATH TOWARDS SUSTAINABILITY

Multi-Criteria Assessment Tool			
Alternative or Action:			
Evaluation Criteria	A=Weight	B=Score	Total (A X B)
Community			
1. Will the action lead to an Oxford that is accessible for all citizens?			
2. Will the action improve its citizenry's access to information and/or equity?			
3. Will the action advance Oxford's creative arts, culture, or recreation?			
Economy			
1. Will the action improve the vibrancy of the Oxford Economy?			
2. Will the action enhance entrepreneurship opportunities in Oxford?			
3. Will the action advance local food production?			
4. Will the action advance Oxford's green economy?			
Environment			
1. Will the action improve Oxford's ecological systems?			
2. Will the action reduce fossil fuel use in Oxford?			
3. Will the action reduce solid waste disposal demand in Oxford?			
4. Will the action protect Oxford's water?			
Implementation			
1. What is the cost to implement the action?			
2. How long will it take to plan and implement the action?			
\sum CRITERIA SCORES = TOTAL SCORE*			

*Score of 400 = Maximum positive impact on community sustainability

Example

Multi-Criteria Assessment Tool			
Alternative or Action: What is the project, decision or activity you are assessing?			
Evaluation Criteria	A=Weight	B=Score	Total (A X B)
Community			
1. Will the action lead to an Oxford that is accessible for all citizens?	10	2	20
2. Will the action improve its citizenry's access to information and/or equity?	5	1	5
3. Will the action advance Oxford's creative arts, culture, or recreation?	5	1	5
Economy			
1. Will the action improve the vibrancy of the Oxford Economy?	5	5	25
2. Will the action enhance entrepreneurship opportunities in Oxford?	5	5	25
3. Will the action advance local food production?	5	5	25
4. Will the action advance Oxford's green economy?	5	5	25
Environment			
1. Will the action improve Oxford's ecological systems?	5	3	15
2. Will the action reduce fossil fuel use in Oxford?	5	3	15
3. Will the action reduce solid waste disposal demand in Oxford?	5	3	15
4. Will the action protect Oxford's water?	5	3	15
Implementation			
1. What is the cost to implement the action?	10	5	50
2. How long will it take to plan and implement the action?	10	5	50
\sum CRITERIA SCORES = TOTAL SCORE*			290

*Score of 400 = Maximum positive impact on community sustainability