

# Sustainability Assessment re Peak Oil and Climate Mitigation

## Work Group Decision Support Tool

**Prologue:** Sketch out your vision of what an ideal sustainable Spokane looks like in 30 years.

**Step 1: Risk Identification:** List the risks we may need to address by brainstorming as a group around the potential impacts and vulnerabilities associated with rising energy prices and the need to reduce our greenhouse gas emissions. Consider the potential impacts on local actors, functions & systems, and where those impacts would jeopardize the city or community's ability to function. It may help to:

- Identify problems with how we do things now (current situations, practices & procedures), taking into account items in The Already Green List.
- Review those “problems” to identify underlying assumptions regarding impacts and vulnerabilities; make sure those are all included in your “risk” list.

**Step 2: Risk Assessment:** Rank each impact and vulnerability by its likelihood (probability) and potential effect (magnitude). (This table shows how they might sort out.)

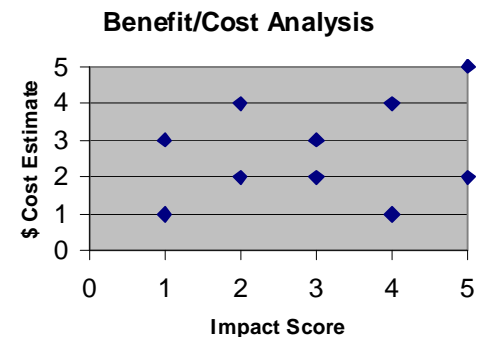
Probability	Magnitude		
	Major	Significant	Minor
High	4, 5, 10	2, 14, 18, 20	1, 7
50-50	9, 19	16	3, 8, 17
Low	15	6, 13	11, 12

**Step 3: Suggest Actions:** Suggest a wide range of potential ways (solutions, responses) to address each of the impacts and vulnerabilities.

**Step 4. Rank Actions** based on the level of risk (probability & magnitude) associated with the impact or vulnerability they each address.

**Step 5: Score Actions:** Score only those Actions associated with a high level of risk (probability, magnitude), using the Impact Analysis Excel form (like the matrix on the back) to identify the extent to which each Action positively contributes to each of the Primary Considerations and Triple Bottom Line Considerations (1-5, where 1 = low impact, and 5= high impact). Total all scores and assign a Total Impact Score to each Action. Also, estimate that Action's front-end capital costs on a scale of 1-5, where 1=low and 5=high. Finally, place a “✓” under any Feasibility Consideration that might be a barrier, and suggest a remedy in the Comment column. On a separate worksheet, list possible sources of grant funds to implement each Action.

**Step 6: Benefit/Cost Analysis:** In a scatter graph, compare the value of each Action's Impact Score with its estimated front-end capital costs.



**Step 7: Prioritize:** The Task Force will then prioritize each of the action recommendations based on near-term vs. long-term, and lower cost for benefit vs. higher cost for similar benefit.

