# Outcome H: Understand the impact of engineering solutions in a global, economic, environmental and societal context

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| **Performance Criteria** | **Exceptional** | **Acceptable** | **Marginal** | **Unacceptable** |
| **Awareness of global effects of engineering solutions (product, practice, event)** | Deep understanding of the immediate and long-term issues involving the solution on users and non-users locally and globally | Good understanding of the widespread effects of the solution but with somewhat limited perspective about long-term factors | Some awareness of the more extended effects of the solution | Seems to have considered only effects on immediate users |
| **Understanding of economic factors** | Deep understanding of economic factors applied to this and related solutions and the impact they may have on the economy at large as well as long term trends | Good understanding of economic factors as applied to this solution and how it affects other related solutions | Some understanding of economic factors as applied to the solution | Little or no understanding of economic factors involved in the creation and/or use of the solution |
| **Awareness of implications to society at large** | Deep understanding of the immediate and long term implications to society in the creation and/or use of the solution, and the overall potential benefits and risks to society. | Good understanding of the implications to society in the creation and/or use of the solution, as well as its relation to general societal issues | Moderate understanding of the implications to society in the creation and/or use of the solution | Little or no understanding of implications to society involved in the creation and/or use of the solution |