Contribution of the project activity to sustainable development:

- The project contributes to the general well-being of the region and is in line with the sustainable development policies of the host country.

Social well-being:

- The installed landfill gas collection and flaring system is preventing potentially explosive situations associated with the subsurface gas migration, as it represents an effective control system which minimises migration off-site. Many constituents of landfill gas are hazardous and pose potentially significant risks to human health. The objective of LFG flaring is to safely dispose of the perilous constituents, particularly methane, and to control and reduce odour nuisance and health risks.

Economic well-being:

- The project has helped in employment generation at landfill site and acts as a demonstration project that could be replicated to other landfill sites of similar nature. Several institutes, professional bodies have been visiting the landfill site for exposure to thie technology. These visitors carry the msg about the technology and will help to promote this technology to new areas in the region. The technology has been widely acclaimed and have received several awards including the “best Project of the year” in clean and new technology segment of Middle east energy awards. 2017.
- The project activity promotes the landfill gas recovery technology in the region. With CDM revenues the project activity has potential to encourage other landfill sites in the region to adopt similar technology.
- The project activity has the potential to earn significant CDM revenue which is contributing to the Gross Domestic Product (GDP) of the country.

Environmental well-being:

- Contribution to mitigation of global warming due to avoidance of methane emission.

The project has resulted in avoidance of methane emissions and hence result in improvement of air quality in and around the landfill site. The avoidance of landfill gas emissions also prevents the escape of volatile organic compounds (VOC) from the gas. Introduction of managed landfill mechanism prevents incidence of fire and explosions which are common to unmanaged landfill site