

Insect Bioconversion – Fera, Insect Research Laboratory and the UN’s SDGs

<i>SDG</i>	<i>SDG Description</i>	<i>Fera Response</i>
2 - Zero Hunger	End hunger, achieve food security and improved nutrition and promote sustainable agriculture.	‘Insect bioconversion contributes to food security and promotes sustainability by creating feed, food, fuel and specialty products from the bio-wastes of agricultural practices.’
9 - Industry, innovation and Infrastructure	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.	‘Fera’s Insect Research Laboratory is supporting businesses to transition to sustainable scaled-up and innovative operations.’
12 - Responsible Consumption and Production	Ensure sustainable consumption and production patterns.	‘Sharing insights, experience and expertise in managing bio-wastes Fera’s IRL team is supporting businesses to consider sustainable alternatives to their current production patterns.’
13 - Climate Action	Take urgent action to combat climate change and its impacts.	‘Insect bioconversion reduces volumes of bio-waste destined for landfill thus helping to reduce harmful greenhouse gas emissions.’
14 - Life Below Water	Conserve and sustainably use the oceans, seas and marine resources for sustainable development.	‘Insect protein produced from black soldier fly larvae is a safe, nutritious and quality livestock feed alternative to fishmeal, collected unsustainably from the oceans.’
15 - Life on Land	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.	‘The sustainable insect bioconversion process results in a high-quality soil improver and fertiliser to combat land degradation and support resilience to disease.’
17 - Partnerships for the Goals	Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development.	‘Fera’s investment in the Insect Research Laboratory combined with its commitment to scientific and research collaborations is actively pursuing delivery of multiple SDGs.’

