ADVANTECH

Enabling an Intelligent Planet

Material Issues for External Stakeholders		
	Topic **Promotion and Education of IoT Applications**	**Topic** **Supply Chain Sustainability Management**
Material Issues for External Stakeholders	Category: Innovation Management The Promotion and Education of IoT Applications Program actively promotes the cultivation of young talent, minimizing the gap between learning and practical applications. Associated, significantly-impacted stakeholders include employees, partners, communities, and non-profit organizations. Implementation was conducted through five programs: the Developer Program, AIoT Academy, Industry-Academia Collaboration Program, Industry-Graduate Collaboration Program, and the Elite100 Internship (an IoT internship program). These initiatives connected corporations, academia, and youth groups, while simultaneously calling upon	Category: Supply Chain Management Through ESG audits of our suppliers, Advantech emphasizes the importance of "corporate social responsibility and supply chain sustainability" within our supply chain assessment criteria. We assist our suppliers in generating sustainable value to maintain their sustainable position in the market.

	Advantech employees to volunteer, boosting employee engagement. Through these endeavors, we cultivate affiliated external stakeholders, aiding these youth in bridging the gap between schools and the industry, and also supporting the expansion of the industry as a whole.	
Cause of the Impact	Operations Products/Services >50% of business activity	Operations Products/Services Supply Chain >50% of business activity
External stakeholder(s) / impact area(s) evaluated	Society Environment	Society Environment
Topic relevance on external stakeholders	Type of impact: Positive The external stakeholders that are significantly and positively impacted by this issue include employees, partners, and communities (student groups). For employees, they can build up their sense of social contribution and strengthen their teaching and communications skills by volunteering as teachers in the IoT academia-industry program. Partners are able to enhance	Type of impact: Positive External stakeholders impacted by this issue include suppliers. For suppliers, taking the steps to fortify their corporate resilience and assisting them in reducing their carbon emissions can, in turn, help them adapt to the market's sustainability standards and establish themselves as a sustainable brand.

	their teaching capabilities through the use of Advantech's software and hardware resources as well as financial support. As for communities (student groups), they can shorten the gap between learning and practical application, softening the transition from school to the workplace.	
Materiality Metrics for External Stakeholders		
	Topic **Promotion and Education of IoT Applications**	Topic **Supply Chain Sustainability Management**
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	Internship (an IoT internship program). These initiatives connected corporations, academia, and youth groups, while simultaneously calling upon Advantech employees to volunteer, boosting employee engagement. Through these endeavors, we cultivate affiliated external stakeholders, aiding these youth in bridging the gap between schools and the industry, and also supporting the expansion of the industry as a whole.	
Output Metrics	Number of research surveys and projects produced Number of participating students Number of technical certificates issued through campus partnership programs Number of participating schools	Proportion of carbon emissions reduced Percentage of suppliers who have signed our Supplier Code of Conduct Proportion of suppliers who have completed GHG inventory
Impact Valuation	Improve students' capabilities and chances in finding employment in the AIoT technology sector Promote AIoT-related R&D and professional skills within school campuses Help students obtain more AIoT learning courses and opportunities	Reduce the environmental impact, such as carbon emission. And reducing the sustainability risk in ESG three dimension. Such as Governance dimension: Business ethics/Integrity management/Information disclosure/Intellectual property management/Identity protection/Conflict minerals

		Management/ Social dimension：Such as Human rights/Labor practices/OHS Environmental Dimension：Such as Carbon management/ Energy resource management
Impact Metrics	Reduce time/costs spent by students in seeking higher education or employment Increase the proportion of students that have obtained AIoT technology sector certification Boost campus R&D capabilities	Social cost of carbon (SCC) Avoid costs incurred due to supplier's dropped orders or environmental fines
Impact Metrics	• Promote the spread of AIoT education: impact metrics include the usage rates and continuity of Advantech's IoT online learning platform. • Strengthen academia-industry links: impact metrics include the proportion of industry-university collaborations to product applications, as well as the ratio of students willing to seek employment in the IoT sector. • Promote open innovation and cultivate an academia-industry ecology: impact metrics include the ubiquity of industry-university	• Work together to reduce supply chain emissions and effectively minimize our carbon footprint, doing our part to cut down on GHG emissions. • Encourage, assist, and require suppliers to complete ISO14064 inventories and verification, to make a positive impact on the environment and inspire suppliers to jointly work towards carbon reduction.

	collaborations and the percentage of students who have successfully attained (Advantech) AIoT certification.	