



UMC

ECO ECHO . Endless Love to the Earth



Communication with Stakeholders



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QUESTIONNAIRES

533
copies

Conduct questionnaire surveys to determine the degree of stakeholder concern over the various types of sustainability issues so that stakeholders can express their needs in terms of sustainable information.

SUSTAINABILITY ISSUES

74

Adopt the GRI G 4.0 guidelines, ISO 26000 social responsibility standard guidelines, UN Global Compact and domestic and international sustainability assessments as basis for issues.

MATERIAL ISSUES

32

Multiply the score for degree of stakeholder concern over each issue and the score for its respective impact on company operation. Rank issues for disclosure.



Sustainable Development - Economic Growth



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CAPACITY UTILIZATION RATE

89.8%

0.8% year on year growth

PATENTS

11,279

In 2015, UMC was awarded 439 domestic and foreign patents, totaling 11,279 patents to date.

GROWTH

200%

Doubled revenue compared to 2014 with immense popularity of automotive semiconductor products amongst customers.

SUPPLIERS

More than 3000

suppliers joined UMC in committing to sustainable development

Sustainable Development - Environment



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POWER REDUCTION

5.42%

In 2015, reduction reached the targeted goal of 3%. The newly added reduction for 2015 was 55,483 Mwh.

FLUORINATED GREENHOUSE GAS INTENSITY REDUCTION

37.6%

Reductions in fluorinated greenhouse gas emissions were equivalent to 977,000 tons of CO₂e.

REDUCTION IN WATER USAGE

11.2%

In 2015, cumulative reduction reached the targeted goal of 6%. The newly added reduction for 2015 was 454,000 tons.

WASTE REDUCTION

11.95%

Cumulative reduction reached the targeted goal of 9% in 2015. The newly added reduction was 993 tons.

ENVIRONMENTAL MANAGEMENT CERTIFICATION

100%

All UMC fabs have passed the ISO 14064-1 greenhouse gas emissions certification, the ISO 14001 environmental management certification, and the QC 080000 Hazardous Substance Process Management Certification.

ENVIRONMENTAL PROTECTION FUND

3000

UMC contributed NT\$30 million into the Eco-echo Ecology Hope Project.

Sustainable Development - Society



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OVERALL SATISFACTION WITH THE TRAINING COURSES

93.1%

In 2015, a total of 9,725 courses were held that were attended by a total of 281,732 individuals. Overall satisfaction for these training courses was 93.1%.

TOTAL VOLUNTEER SERVICE HOURS

12,241 hours

In 2015, total volunteer service hours reached 12,241 hours, benefiting 25,416 individuals.

LABOR DISPUTE

0

Actively promoted harmonious labor relations to reduce the likelihood of labor conflict. In 2015, there was no case of labor disputes.

or labor dispute.

REDUCTION IN WORKPLACE ACCIDENTS

59.0%

In 2015, the disabling injury frequency rate and disabling severity rate, which were much lower than the semiconductor industry average.