



# Certification / Verification



### Environmental Management System

Scope: All TSMC Fabs



### Energy Management System

Scope: All TSMC Fabs (Advanced Backend Fab 6, Fab 11 excluded)



### Greenhouse Gas Inventory

Scope: All TSMC Fabs



### Occupational Safety & Health Management System

Scope: All TSMC Fabs



### Taiwan Occupational Safety & Health Management System

Scope: All TSMC Fabs in Taiwan



### Green Factory

Scope: TSMC Fab 12, Fab 14, Fab 15, total 14 factories



### US LEED Green Building

Scope: TSMC Fab 12, Fab 14, Fab 15, Fab 18 factory and office, total 40 buildings



### Taiwan EEWB Green Building

Scope: TSMC Fab 12, Fab 14, Fab 15, Fab 18 factory and office, total 28 buildings



### Taiwan Intelligent Building

Scope: TSMC Fab 12, Fab 14, Fab 15 office, total 5 buildings



### Product Life Cycle Assessment

Scope: All TSMC Fabs in Taiwan (Advanced Backend Fab 6 excluded)



### Alliance for Water Stewardship (AWS)

Scope: TSMC Fab 6, Fab 14B, Fab 14P7, Fab 15A, Fab 15B, Fab 12A, Fab 12B, Fab 5, Advanced Backend Fab 3



### Product Carbon Footprint

Scope: All TSMC Fabs in Taiwan (Advanced Backend Fab 6 excluded)



### Product Water Footprint

Scope: All TSMC Fabs in Taiwan (Advanced Backend Fab 6 excluded)



### Hazardous Substance Process Management System

Scope: All TSMC Fabs (Advanced Backend Fab 6 excluded)



### ISO 9001 Quality Management System

Scope: TSMC Fab 16, Fab 18, Advanced Backend Fab 3, Fab 5 & Fab 6



### IATF 16949 Automotive Quality Management System

Scope: All TSMC Fabs (Fab16, Fab 18, Advanced Backend Fab 3, Fab 5 & Fab 6 excluded)



### ISO/IEC 27001: 2013 Information Security Management System

Scope: IP merge, mask data preparation, mask making, warehousing and associated supporting information and IT processing activities for 300mm wafer production (Tainan)



### ISO/IEC 15408 Common Criteria for Information Technology Security Evaluation

Scope:  
Fab 2/5 (Mask data preparation)  
Fab 3 (IP merge)  
Fab 12B (Wafer manufacturing)  
Fab 14A (Mask and wafer manufacturing)  
Fab 14B (Wafer manufacturing)  
Fab 15A (Mask and wafer manufacturing)  
Fab 15B (Wafer manufacturing)  
Fab 18A (Mask and wafer manufacturing)  
Fab 18B (Wafer manufacturing)  
Advanced Backend Fab 2 (Bump and test service)  
Advanced Backend Fab 5 (Test service)  
Advanced Backend Fab 6 (Test service)



### UL 2799 Zero Waste to Landfill

Scope: Fab 12