

## Green Bond Fact Sheet

ASE Industrial Holding Company			Date: 04/11/2019
Issue date: 03-10-2019 Maturity date: 22-05-2022 Tenor: 3 years			
Issuer Name	ASE Industrial Holding Company	Amount Issued	USD300m
Country of risk	China	CBI Database	Included
Issuer Type <sup>1</sup>	Non-Financial Corporate	Bond Type	Green Bond
Green Bond Framework	N/A	Second party opinion	N/A
Certification Standard	Not certified	Assurance report	N/A
Certification Verifier	N/A	Green bond rating	N/A
Use of Proceeds			
<input type="checkbox"/> Energy	<input type="checkbox"/> Solar <input type="checkbox"/> Onshore wind <input type="checkbox"/> Offshore wind <input type="checkbox"/> Geothermal <input type="checkbox"/> Hydro <input type="checkbox"/> Tidal	<input type="checkbox"/> Biofuels <input type="checkbox"/> Bioenergy <input type="checkbox"/> Waste to energy <input type="checkbox"/> District heating <input type="checkbox"/> Electricity grid	<input type="checkbox"/> Energy storage <input type="checkbox"/> Energy performance <input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input checked="" type="checkbox"/> Buildings	<input checked="" type="checkbox"/> Certified Buildings <input type="checkbox"/> HVAC systems <input checked="" type="checkbox"/> Energy performance	<input type="checkbox"/> Water performance <input type="checkbox"/> Energy storage/meters <input type="checkbox"/> Other energy related	<input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Transport	<input type="checkbox"/> Electric vehicles <input type="checkbox"/> Low emission vehicles <input type="checkbox"/> Bus rapid transit <input type="checkbox"/> Passenger trains <input type="checkbox"/> Urban rail	<input type="checkbox"/> Freight rolling stock <input type="checkbox"/> Coach / public bus <input type="checkbox"/> Bicycle infrastructure <input type="checkbox"/> Energy performance	<input type="checkbox"/> Transport logistics <input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input checked="" type="checkbox"/> Water & wastewater	<input type="checkbox"/> Water distribution <input type="checkbox"/> Water treatment <input checked="" type="checkbox"/> Wastewater treatment <input type="checkbox"/> Water storage	<input type="checkbox"/> Storm water mgmt <input type="checkbox"/> Desalination plants <input type="checkbox"/> Erosion control <input type="checkbox"/> Energy performance	<input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience

<input type="checkbox"/> Waste management	<input type="checkbox"/> Recycling <input type="checkbox"/> Waste prevention <input type="checkbox"/> Pollution control	<input type="checkbox"/> Landfill, energy capture <input type="checkbox"/> Energy performance <input type="checkbox"/> Infrastructure	<input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Land use & agriculture	<input type="checkbox"/> Afforestation/parks <input type="checkbox"/> FSC Forestry <input type="checkbox"/> FSC Cellulose & paper	<input type="checkbox"/> Land remediation <input type="checkbox"/> Energy/water efficiency	<input type="checkbox"/> Sustainable agriculture <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Other	<input type="checkbox"/> Adaptation & resilience	<input type="checkbox"/> ICT	<input type="checkbox"/> Industry: process
<b>Issue details</b>			
Reporting			
Company information	ASE Technology Holding is the leading provider of semiconductor assembling and test manufacturing services. The Company develops and offers complete turnkey solutions covering front-end engineering test, wafer probing and final tests, as well as IC packaging, materials and electronic manufacturing services.		
Firsts, records and certifications			
Proceeds description	The green bond will mainly be used for three projects in Gaoxiong, two projects related to buildings and one water project. The building project is related to efficiency improvements. This includes energy efficiency via reducing energy consumption which is evaluated and estimated by a reduction of CO <sub>2</sub> e emissions by 484,948.03kg annually. Additionally, the building is designed for applying for the local EEWH green building label.		
Climate Bonds view	We are pleased to see that ASE Technology Holding provides information about the project they are financing and the relevant environmental impacts such as the amount of carbon emission reductions. We encourage ASE to continue to disclose this type of information post-issuance.		
Underwriters			
<b>Deal comments</b>			
Credit Rating			
Pricing summary			
Investors summary			

<sup>1</sup> Issuer categories: ABS, development bank, financial corporate, government-backed entity, loan, local government, non-financial corporate, sovereign