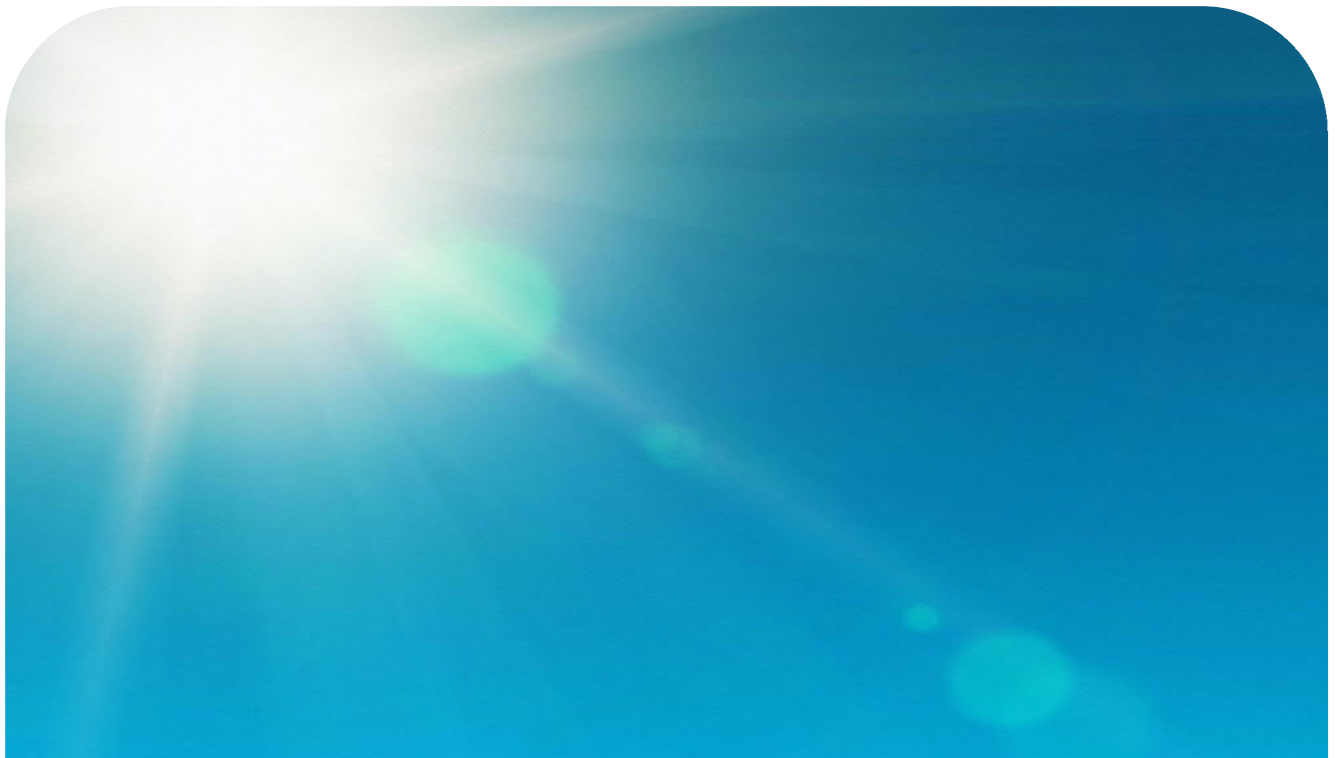


Glossary of Terms and Acronyms

AAP01-000-GEG-GGEN-00002



This document is the exclusive property of Sun Cable Pty Ltd ("Sun Cable"), licensed for use and benefit of its affiliates in connection with development of the Australia-Asia PowerLink. All information contained in this document is confidential and/or proprietary and must not be disclosed, used, or reproduced without Sun Cable's prior written consent. Except as expressly stated within, this document is not to be relied upon and no representation or warranty is given as to the accuracy, reliability, suitability, currency, or completeness of any information contained in this document.

Document revision history and tracking

Document Preparation

Rev	Status	Date	Prepared by	Position	Reviewed by	Position
00	For Use	22 Nov 2022	Cassandra Buckley	Delivery Social Performance and Communications Specialist	Jessica Miller	SEIS Coordinator

Revision history tracking record (Use after Rev 00)

Rev	Date	Description	Prepared by	Approved by

1 Glossary of Key Project Terms

Term	Definition
AAPowerLink	Title of Sun Cable's flagship project, which will harness renewable solar energy from Australia's resource-abundant Northern Territory for export to Darwin and Singapore.
The Project	Project infrastructure includes a Solar Precinct in the Barkly Region of the NT, Overhead Transmission Line from the Solar Precinct to Darwin, a Darwin Converter Site and Cable Transition Facilities at Murrumujuk and a Subsea Cable System linking Murrumujuk to Singapore.

2 Acronyms

Acronym	Definition
2D	Two Dimensional
3D	Three Dimensional
AAPowerLink	Australia-Asia PowerLink
AAPA	Aboriginal Areas Protection Authority
ABS	Australian Bureau of Statistics
AC	Alternating Current
AEEZ	Australian Exclusive Economic Zone
AFANT	Amateur Fisherman's Association of the NT
AFFF	Aqueous Film Forming Foam
AHD	Australian Height Datum
AI	Ancillary Infrastructure
ALARP	As Low As Reasonably Practicable
ALRA	Aboriginal Land Rights Act
ANZECC	Australia and New Zealand Environment and Conservation Council
ANZG	Australian and New Zealand Water Quality Guidelines
AMSA	Australian Marine Safety Authority
AOI	Areas of Interest
AOO	Area of occupancy
ARPANSA	Australian Radiation Protection and Nuclear Safety Agency

Acronym	Definition
ARI	Annual Recurrence Interval
AS/NZS	Australian Standard
ASS	Acid Sulphate Soils
BaP	Benzo(a)pyrene, a carcinogenic PAH
BCH	Benthic Communities and Habitat
BDL	Below Detection Limit
BESS	Battery Energy Storage Systems
BHD	Backhoe Dredge
BoM	Bureau of Meteorology
BTEXN	BTEXN = volatile hydrocarbons: Benzene, Toluene, Ethylbenzene, Xylenes and Naphthalene
CASA	Civil Aviation Safety Authority
CASR	Civil Aviation Safety Regulations
CCGC	Coomalie Community Government Council
Cd	Cadmium
CDOM	Colour of Dissolved Organic Matter
CDU	Charles Darwin University
CEMP	Construction Environmental Management Plan
CHMP	Cultural Heritage Management Plan
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CLA	Cambrian Limestone Aquifer
CLB	Cable Lay Barge
CLC	Central Land Council
CLV	Cable Lay Vessel
COC	Chain-of-Custody
CoC	Contaminant of Concern
COPC	Contaminant of Potential Concern
CRM	Certified Reference Material, i.e., a standard sample of certified composition

Acronym	Definition
CSM	Conceptual Site Model
CTF	Cable Transmission Facilities
CWTH	Commonwealth
DAS	Development Assessment Services
DAWE	The former Department of Agriculture, Water and the Environment
DCCEEW	Department of Climate Change, Energy, the Environment and Water
DCS	Darwin Converter Site
DEPWS	Department of Environment, Parks and Water Security
DGV	Default Sediment Quality Guideline Value (ANZG, 2018) = NAGD Screening Level
DIPL	Department of Infrastructure, Planning and Logistics
DKIS	Darwin-Katherine Integrated System
DoL	Depth of Lowering
DPD	Darwin Pipeline Duplication
DQI	Data Quality Indicator
DQO	Data Quality Objective
DRLUP	Darwin Regional Land Use Plan
EAAF	East-Asian Australasian Flyway
EAFs	Environmental Assessment Forums
EC	Electrical Conductivity
ECI	Early Contractor Involvement
ECNT	Environment Centre Northern Territory
EEZ	Exclusive Economic Zone
EIA	Environmental Impact Assessment
EIS	Environmental Impact Statement
EMF	Electromagnetic Fields
EMI	Electromagnetic Interference
EMPs	Environmental Management Plans

Acronym	Definition
EMR	Electromagnetic Radiation
EMS	Environmental Management System
ESMS	Environmental and Social Management System
EOO	Extent of Occurrence
EP Act	<i>Environment Protection Act 2019 (NT)</i>
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Cwth)</i>
EPC	Engineering, Procurement and Construction
EP Regulations	Environment Protection Regulations 2020 (NT)
ESC	Erosion and Sediment Control
ESCPs	Erosion and Sediment Control Plans
ESIA	Environment and Social Impact Assessment
ESMS	Environmental and Social Management System
FD	Future Development
FID	Flame Ionisation Detector
GC	Gas Chromatography
GCMS	Gas Chromatograph Mass Spectrometer
GDEs	Groundwater Dependent Ecosystems
GGAP	Greenhouse Gas Abatement Plan
GHG	Greenhouse Gas
GIS	Geographic Information Systems
GISERA	Gas Industry Social and Environment Research Alliance
GV High	ANZG (2018) Sediment Quality High Value = NAGD High Value
GW	Gigawatt
GWh	Gigawatt hours
ha	Hectare
HIA	Heritage Impact Assessment
FIFO	Fly In Fly Out
HDD	Horizontal Directional Drilling
HVAC	High Voltage Alternating Current

Acronym	Definition
HVDC	High Voltage Direct Current
HV OHTL	High Voltage Overhead Transmission Lines
IAIA	International Association for Impact Assessment
IAP2	International Association for Public Participation
ICN	Industry Capability Network
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICOMOS	The Australian ICIMOS Charter for the Conservation of Places of Cultural Significance
ICP	Inductively Coupled Plasma
IEC	International Electrotechnical Commission
IECA	International Erosion Control Association
IFC	International Finance Corporation
ILUA	Indigenous Land Use Agreement
ICPC	International Cable Protection Committee
IPCC	Intergovernmental Panel on Climate Change
IUCN	International Union for Conservation of Nature
JCAC	Julalikari Council Aboriginal Corporation
KEF	Key Ecological Features
KLUP	Katherine Land Use Plan
KP	Kilometre Points
KTP	Key Threatening Process
The Land Use Plan	Litchfield Sub-Regional Land Use Plan 2016
LAT	Lowest Astronomic Tide
LCZ	Landscape Character Zone
LEH	Lake Effect Hypothesis
LNAC	Larrakia Nation Aboriginal Corporation
L/S	Litres per second
LOR	Limit of Reporting
LSLUP	Litchfield Subregional Land Use Plan

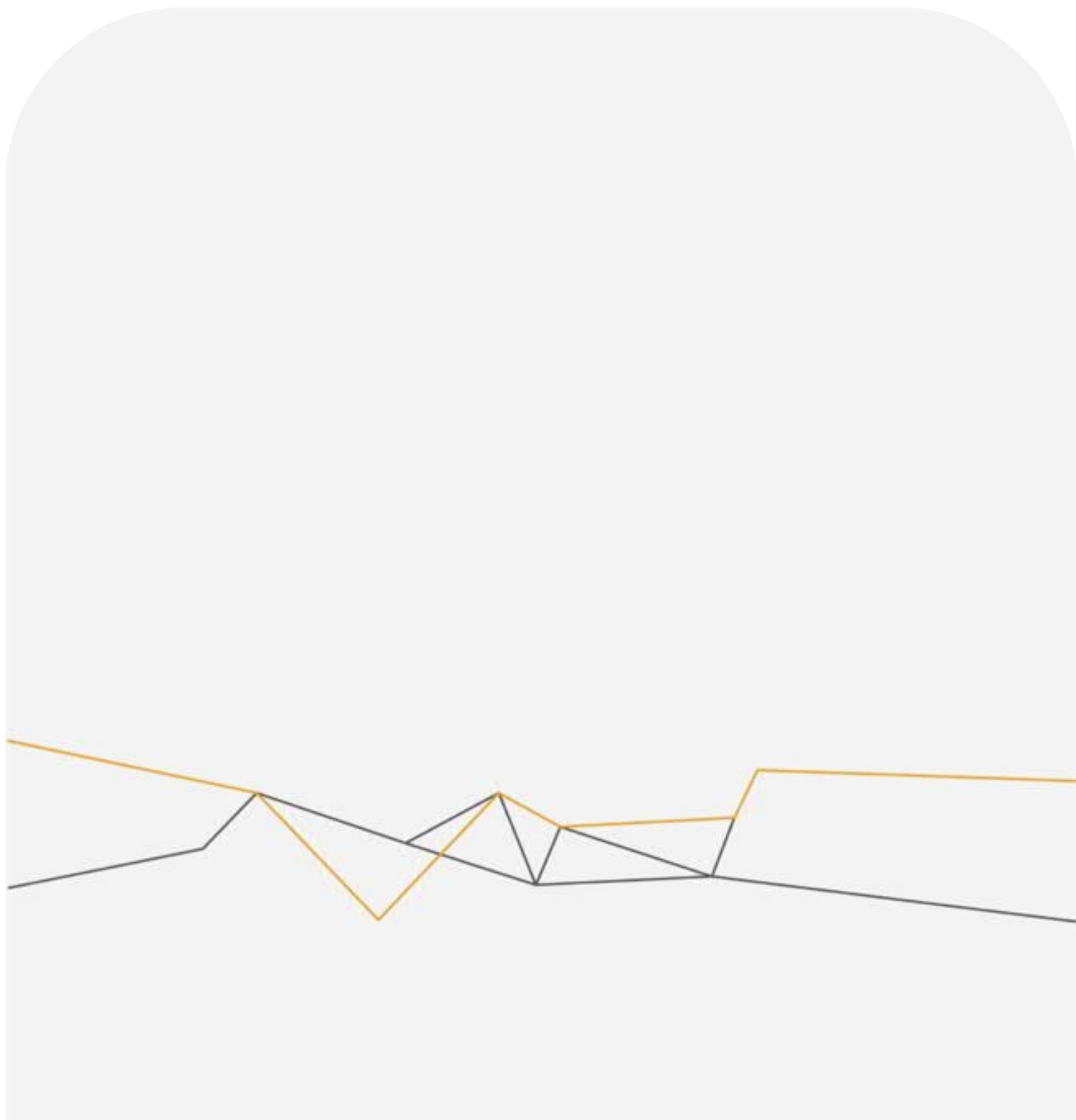
Acronym	Definition
LVIA	Landscape and Visual Impact Assessment
MASDP	Middle Arm Sustainable Development Precinct
mBGL	Metres Below Ground Level
MEMP	Marine Environmental Management Plan
MER	Metallic Earth Return
MFE	Mass Flow Excavator
MNES	Matters of National Environmental Significance
MOU	Memorandum of Understanding
mT	Milli Tesla (unit of measurement)
MVG	Major Vegetation Group
NAFI	North Australian Fire Information
NAGD	<i>Guidelines for the Environmental Assessment of Marine Dredging in the Northern Territory</i> (NT EPA, 2013)
NAR	North Australia Railway
NATA	North Australia Railway
NAXA	Northern Australian Exercise Area
NDVI	Normalized Difference Vegetation Index
NEM	National Electricity Market
NEMP	National Environmental Management Plan
NEMP Guidelines	National Environment Protection (Assessment of Site Contamination) Measure (NEPC, 2013)
NLC	Northern Land Council
NMRL	Non-Mobile Reference Level
NT	Northern Territory
NT EPA	Northern Territory Environmental Protection Authority
NTFRS	Northern Territory Fire and Rescue Services
NTG	Northern Territory Government
NTGFA	NT Guided Fishing Association
NTIBN	Northern Territory Indigenous Business Network
NT PFES	Northern Territory Police Fire and Emergency Services

Acronym	Definition
NTPS	NT Planning Scheme
NTU	Nephelometric Turbidity Unit
NTWAP	Northern Territory Water Allocation Planning Framework
NVIS	National Vegetation Information System
OCP	Organochlorine Pesticides
ODH	Outer Darwin Harbour
OEM	Original Equipment Manufacturer
OEMP	Operations Environmental Management Plan
OHTL	Overhead Transmission Line
OPP	Organophosphorus Pesticides
OSMP	Oceanic Shoals Marine Park
PAH	Polycyclic Aromatic Hydrocarbon
PAR	Benthic light
PASS	Potential Acid Sulphate Soils
PBD	Possible Behavioural Disturbance
PCB	Polychlorinated Biphenyls
PCG	Project Control Group
PDA	Project Development Agreement
PFAS	Per and Poly-fluoroalkyl substances
PFAS NEMP	PFAS National Environmental Management Plan (HEPA, 2020)
PIM	Particulate Inorganic Matter
PMST	Protected Matters Search Tool
PTS	Permanent Threshold Shift
POM	Particulate Organic Matter
PPE	Personal Protective Equipment
PQL	Practical Quantitation Limit (also, LOR)
PSD	Particle Size Distribution
PTS	Permanent Threshold Shift
QA / QC	Quality Assurance and Quality Control

Acronym	Definition
RAP	Reconciliation Action Plan
RAT	Rapid Antigen Test
RDL	Root-Dwelling Larvae
ROG	Rain-On-Grid
ROV	Remotely Operated Vehicle
RPD	Relative Percentage Difference
RPL	Route Position List
RSD	Relative Standard Deviation
SAP	Sampling Analysis Plan
SATs	Single Access Trackers
SBA	Shorebird Area
SAPIR	Sampling and Analysis Plan Implementation Report
SAQP	Sampling, Analysis and Quality Plan
SBA	Shorebird Area
SDP	Sea Dumping Permit
SEIFA	Socio-Economic Indexes for Areas
SEIS	Supplement to the Environmental Impact Statement
SG	Spoil Grounds
SIA	Social Impact Assessment
SIMP	Social Impact Management Plan
SOBS	Sites of Biological Significance
SOCS	Site of Conservation Significance
SOP	Standard Operating Procedure
SQGV	Sediment Quality Guideline Value
SREBA	Strategic Regional Environmental and Baseline Assessment
SRN	Sample Receipt Notice
SSC	Suspended sediment concentration
SSH	Significant Sandsheet Heath
T	Tonne/tonnes

Acronym	Definition
TARP	Trigger and Response Plan
TAP	Threat Abatement Plan
TBP	Territory Benefit Plan
TEC	Threatened Ecological Community
TEQ	Terrestrial Environmental Quality
TCSD	Transport and Civil Services Division
TDS	Total Dissolved Solids
TIA	Traffic Impact Assessments
TEC	Threatened Ecological Community
TEQ	Terrestrial Environmental Quality
TIA	Traffic Impact Assessment
TLC	Tiwi Land Council
TOC	Total Organic Carbon
TOR	Terms of Reference
TOs	Traditional Owners
TPH	Total Petroleum Hydrocarbons
TPWC Act	<i>Territory Parks and Wildlife Conservation Act 1976 (NT)</i>
TSHD	Trailing Suction Hopper Dredger
TSP	Total Suspended Particulates
TSS	Total Suspended Solids
TTS	Temporary Threshold Shift
UCL	Upper confidence limit
UN SDGs	United Nations Sustainability Development Goals
UHF	Ultra-High Frequency
USEPA	United States Environmental Protection Agency
VSC	Voltage Source Converter
VIA	Visual Impact Assessment
VMP	Vegetation Management Plan
VP	Viewpoint

Acronym	Definition
VSC	Voltage Source Converter
WAMSI	Western Australian Marine Science Institute
WAP	Water Allocation Plan
WHS	Workplace Health and Safety
WOE	Weight of Evidence
WONS	Weeds of National Significance
WQ	Water Quality
WQO	Water Quality Objectives
ZOHI	Zone of High Impact
ZOMI	Zone of Moderate Impacts
ZTV	Zone of Theoretical Visibility



Singapore

61 Robinson Road
#09-04
Singapore 068893

Jakarta

The South Quarter Building, Tower C,
Mezzanine Level, Jl RA Kartini Kav 8,
Cilandak, Jakarta Selatan 12430

Darwin

Suite 3, Level 17
19 The Mall
Darwin NT 0800

Sydney

Level 31,
85 Castlereagh Street
Sydney NSW 2000

Brisbane

Level 3,
900 Ann Street
Fortitude Valley QLD 4006