

## Darwin Pipeline Duplication Project Submission

To the NTEPA,

I am writing to make a submission on the Darwin Pipeline Duplication Project that has been referred to the NTEPA for assessment under the Environment Protection Act 2019 (NT). I urge the NTEPA to conduct an environmental assessment of this Project, and to ensure this assessment is undertaken at the highest level—a public inquiry.

The Project is a new component of Santos' proposed Barossa gas project. The Barossa gas project, if it goes ahead, will be the dirtiest gas project in the world. The Barossa gas field has the highest carbon dioxide (CO<sub>2</sub>) content of any gas field, and this CO<sub>2</sub> will be vented into the atmosphere before the gas is transported to Darwin. The life cycle greenhouse gas emissions of the Barossa project will be 15mtpa, producing more CO<sub>2</sub> than LNG.

The proponent's claim that GHG emissions are not a key factor for this referral should be rejected; it would be unacceptable if emissions from the world's most carbon-intensive gas field escaped assessment by the NTEPA under the Environment Protection Act 2019 (NT). I therefore urge the NTEPA to consider the significant emissions that would result from this project when making their decision.

The proponent has stated in the referral document that undertaking the Project will allow the existing Bayu-Undan to Darwin pipeline to be used for Carbon Capture and Storage (CCS). The proponent makes a number of misleading claims about CCS in the referral document. CCS is an unproven technology that has a track record of failure. It is untested in an offshore gas reservoir such as Bayu-Undan. Any risk mitigation strategy that is premised on the viable functioning of CCS is inadequate. As such, the emissions profile of the project constitutes a significant impact that requires assessment at the highest possible level.

The Project is part of the intensified industrialisation of Darwin Harbour, with the transported gas to be used as a feedstock for petrochemical industries in the Harbour. This poses immense environmental, economic, cultural, and health risks for Darwin and surrounding areas and must be considered relevant to any assessment of the Project's impacts.

The Barossa project as a whole should be called in for a referral under s53 (1) of the Environment Protection Act. At the very minimum, this Darwin Pipeline Duplication Project must be assessed by the NTEPA and must be assessed at the highest possible level. I would like to see a public inquiry.

Signed by:

Naish Gawen  
Josh  
Chris  
Colton  
Shannon  
Andrew  
George

naish.gawen@ecnt.org  
jwyndhamkidd@gmail.com  
chrisjkuhl@hotmail.com  
coltonperna@gmail.com  
shannon.hercus@gmail.com  
wavertreehouse@gmail.com  
Georgeburns@inet.net.au

Helen	hmclarke353@gmail.com
Bridget	blk98@hotmail.com
Cath Archer	cath_archer@netspace.net.au
John	John@gmail.com
James	Jamesdean@gmail.com
Garth	garthdrake56@gmail.com
Peter	Pete@gmail.com
Stacey	Stacka79@yahoo.com.au
John	johnjablonka@gmail.com
John	jkinch@me.com
Pat Bradley	patb49@bigpond.com
Katrina	katrina.mcmahon@uqconnect.edu.au
Robin	robin.knox@hotmail.com
HELEN	peter.bate@bigpond.com
Isabel	Isabelely@gmail.com
Helen	hels74@hotmail.com
Rosemary	rosemaryjacob@ozemail.com.au
Holli	hollikotanidis@gmail.com
Leonardo Ortega	leo.ortega.70@gmail.com
Stefan	stefan.w.maier@gmx.net
Dianne	dianne.lawrie@gmail.com
Andrew	andrew.gaffey@flowfreo.com.au
Ron Chute	ronchute@gmail.com
Robert	office@ethicaladventures.com.au
Tom Dews	tomd17@gmail.com
Margie	wmargie6@gmail.com
Sue	sooty2shoes@gmail.com
Mark	mtgambier61@gmail.com
Yohanna	chrysgardener@yahoo.com
Jayson	jaysonburhop@hotmail.com
Duncan	duncinvent@gmail.com
john	nimshie29@gmail.com
Drew	drew.english08@gmail.com
Sera	serakoth@bigpond.com
HENRY dupal	Henry.dupal@gmail.com
Leela	travellingbutterfly@outlook.com
Mathias Paul	m22paul@hotmail.com
Benson	ba65413@gmail.com
Kate	leedsmatisse@yahoo.com.au
Nick	Nicko6464@gmail.com
Patrick Gregory	pgregory999@gmail.com
Judyanne Kent	judyannek@hotmail.com
Jacqueline Plant	wingsjacqueline.plant@gmail.com
Peter Kyne	peter.kyne@cdu.edu.au
Kylie	kylie.m.simmonds@gmail.com
catherina Griffin	catherinagriffin@yahoo.com

Susan	suesuegrant@icloud.com
Ella	ellamaibarrett@gmail.com
Darren Damaso	dpdamaso89@gmail.com
Alicia Hickey	aliciajadehickey@gmail.com
Jan	17janh@gmail.com
Lynn	lynn.benn@gmail.com
Emma	elchappell@icloud.com
Greg	el_gallo_azul@yahoo.com
Janine Oldfield	janine64@rocketmail.com
Nicola	nikkiflook@gmail.com
Tania	tanimaree@hotmail.com
Tammy	Tippacrew@gmail.com
Katherine	katherinehob@gmail.com
Zoe	z_fullerton@hotmail.com
SHARON	sharon.ninham@bigpond.com
Litsa	litsaberry@hotmail.com
Gayle	gaylelaidlaw@hotmail.com
Suzanne	Suzykleehammer9@gmail.com
Heather	hboulden@gmail.com
ian	landredmond@gmail.com
Diana	drickar@spiderweb.com.au
Greg	ernt@spiderweb.com.au
Jonathan Graham	yirryirngu@hotmail.com
Laurent	ladeschou@gmail.com
Andrea Lima	Andrealima007@gmail.com
Roxanne	rohighfold@gmail.com
Sabine	sabinegonelli@gmail.com
Elizabeth	elizabethw0105@gmail.com
Genevieve	genevievedoran@hotmail.com
Janine	J9haha@gmail.com
Merry	merry.cooper@gmail.com
Winnie	winnie.fu07@gmail.com
Georgina	georgina.neave@cdu.edu.au
Barbara	barbstar.m@gmail.com
Zoya	zoyagodoroja.p@gmail.com
Mary	maryvobrien@gmail.com
Bodil	bodilconroy@gmail.com
Lisa	lisa87xyz@gmail.com
IONA	iona.mackenzie@gmail.com
Oda	odaholmt@gmail.com
Jenny Taylor	jennifer.taylor0871@gmail.com
Margaret	mscown1@bigpond.com
Ron	ronchute@gmail.com
Linda	dalcast23@hotmail.com
Michele	mismorgs@yahoo.com.au
Kerry	kerryavenell@gmail.com

Selwyn	marinaandselwyn@gmail.com
RJohn	johncarter50@bigpond.com
Jorgen	jorgendoyle@gmail.com
John	veganpride@gmail.com
David	dcbibo@gmail.com
David	dcbibo@gmail.com
John	veganpride@gmail.comjabiru
Duncan	duncan.d@bigpond.net.au
Lesley Walker	lesley_walker121@bigpond.com
Julie	juliefisher727@gmail.com
Jennifer	faboo1028@yahoo.com
Justin	ustinjm@hotmail.com
Hozue	hatae@foejapan.org
Keri	walkagainstwoodchips@gmail.com
rick nankivell	tahirick@hotmail.com
Duncan	duncan.d@bigpond.net.au
Ellie	ellie100@gmail.com
Frances	libris@netspace.net.au
Karen Oâ€™Dwyer	karenlodwyer@gmail.com
Peter	peter.dickson1@gmail.com
Robert	bolshibo@bigpond.net.au
Mary	mduckett@optusnet.com.au
Deirdre	deirdree06@gmail.com
Pam	pamhartgerink@yahoo.com.au
Emily	Straysistaz@yahoo.com
Miguel	miguel0940ms@gmail.com
Eric	drericwindgassen@gmail.com
Diamond J	diamondlighting@westnet.com.au
MAX	pouwermax@gmail.com
Peter Baker	telehac@gmail.com
Michael	michaeldefroand859@btinternet.com
Jeanette	jeanettewatson@iinet.net.au
Peter	lippianne@lippianne.plus.com
Lorna	all4lorn@yahoo.com.au
Charles	jacksoncrs@aol.com
Bruce Robinson	Bruce.Robinson@Westnet.com.au
Heather Thompson	ian.heather@yahoo.co.uk
Rosalind Kent	roskent@phonecoop.coop
Maryellen	mez991066@gmail.com
Helen Tweeddale	helentweed@fastmail.com.au
Jaimee	jcarboon88@gmail.com
Sam	sampervaiz5@gmail.com
Sylvie	Sylvi.loue@gmail.com
Nancy	newssi@telus.net
Quentin	qdresser@gmail.com
kate	kgauld@gmail.com

Pablo	pablomartinbobe@hotmail.com
Michelle	kraatzythebat77@gmail.com
Ann jungmann	ann@barnowlbooks.com
Lesley McFarlane	Lesleylmcfarlane@gmail.com
Elisabeth	elisabeth.mortimer@gmail.com
Rose	candrm13@gmail.com
Debra	debradragonheart@gmail.com
David	daveyskinhouse@gmail.com
vania	otternam5@yahoo.com
Lynn	travellynnwest@gmail.com
dawn	dmarie@nycap.rr.com
Bartholomew	donnabhan@live.com.au
Ian	idcook@talktalk.net
Bruce	b.a.middleton66@gmail.com
Bruce	b.a.middleton66@gmail.com
Gregory	gjoesq@icloud.com
Kris	saxman15@hotmail.co.uk
Shanon	shanonbell@yahoo.com.au
Rupert Chennells	Rupertchennells@aol.com
Christina	tinammwhite@gmail.com
Marion	marion.ferguson@internode.on.net
Carol	carolapalser995@gmail.com
Kamran	kk100@live.co.uk
Dean	muchcatfur@comcast.net
Anna	anna.breust@gmail.com
C E Goodwin-Barnes	cherylgb09@gmail.com
Michael	badgermick@hotmail.co.uk
Steph	stephanieluke1@yahoo.com.au
Charmian	beabout@powerup.com.au
Victoria lewis	vwbhs@yahoo.com
Augusta	allokhorst@telus.net
walter erhorn	waltererhorn@cox.net
Rose	rositann57@gmail.com
Jelica	jroland@email.t-com.hr
Heath	heath.nicholson@gmail.com
Leslie Pyne	lesliepyne3@gmail.com
Lydia	lydia.param@gmail.com
Bryan	bryan.sheppard@bigpond.com
Claudia	fraubarduhn@gmail.com
Maria	mmsch8@yahoo.com.au
Steven	steven.haigh2@btinternet.com
sheila	s.donoghue63@gmail.com
Joan	merryweather14@bigpond.com
SHARON	sharon.ninham@bigpond.com
Alison	alisonworsnop13@gmail.com
Elizabeth	emcroft2212@gmail.com

Robert	kilaben@yahoo.com
EDNA	ejmaden@gmail.com
Ellen	elleng01@wi.rr.com
Jessica	jessica.black@ecnt.org
NANCYE	njweeks7@gmail.com
Susan	buy@reardon
Gary	garydowling58@yahoo.co.uk
Alan	ad.muir@scorpius.net.au
Maureen	rob.whitton@bigpond.com.au
Meredith	meriluke4@gmail.com
Geraldine	geraldine42@outlook.com
Ken	ksewel@optusnet.com.au
Rainey	rainey.c@bigpond.com
Morag	moragmckinnon@gmail.com
Janice	PUKIBEE@BIGPOND.NET.AU
Allan	allanmedway@yahoo.com
Frank	richmondfan@live.com
Elizabeth Cox	coxwendy35@gmail.com
Sarah	sarahjbuckley@yahoo.com
Stanley	swkrots@dodo.com.au
Dina Rui	hdhruig@gmail.com
Ernest	ern.markham@bigpond.com
Mary	mfobyne@gmail.com
Judy	jeschneid@hotmail.com
Phil	philryan49@gmail.com
Noel	noelgodson303@gmail.com
Jasmine	Fowlerjasmine454@gmail.com
Peter	platypus150@yahoo.com.au
James	jamesl_107@hotmail.com
Richard	rmg.s@outlook.com
Wanda	mykoalas@bigpond.net.au
Adele	adelegcau@yahoo.com.au
Barbara	barbengel26@gmail.com
Lesley	lesleyagar@y7mail.com
Margaret	margbrad@tpg.com.au
Irena	Irenaboydell@gmail.com
Linda	lindamathew29@gmail.com
Elliat	elliat@comic.com
Neil	matkah48@gmail.com
Catherine levy	Levyedandco@gmail.com
Barbara	jdmapley44@optusnet.com.au
Robyn	robbieevans1970@bigpond.com
Sebastian	s.baust@hotmail.com
Denise	centauress6@live.com
Denise	centauress6@live.com
Victor	victor.hoisington@yahoo.com.au

Mitchell	mitchell.stitfold@gmail.com
Sean	quoll_fnq@optusnet.com.au
Kathleen Benn	bennkathie@gmail.com
Cilia	cilia12@hotmail.com
John	jbrumau@yahoo.com.au
Vicky	vickythomas2016@gmail.com
Scott	Scott.smith@live.com.au
Margaret	margeve44@gmail.com
Sarah	Sarah.b.artist@gmail.com
Merrindal	merrindal.routley@gmail.com
Tina	tinacampfirewoman@gmail.com
Shannon	shannonfw@westnet.com.au
Dave	davedynamicone@gmail.com
Pauline Fowler	dexandpaul@gmail.com
Domenico	domenico_dp@hotmail.com
Scott Price	scott_c_price@hotmail.com
Sue	suekim@westnet.com.au
Morag	mohraig@gmail.com
valerie	val.raynaud65@gmail.com
Marilyn Brounstein	marilynbrounstein@gmail.com
Erin	elwatson54@hotmail.com
Naoko Takase	ntakase@optusnet.com.au
Colleen	bilful@bigpond.net.au
Paige	paigeshreeve@gmail.com
Myles	myleslipton@yahoo.ca
Laurel	laurelthompson9@gmail.com
Sandra	sandra.hand@optusnet.com.au
James	richeaux@gmail.com
Bruce Dymock	dymock@tpg.com.au
Abigail Humphreys	humphreysabigail@gmail.com
Beatrice	beatrice.dubach@gmx.net
Darryl	darryl_and_mary@hotmail.com
Russell	rusty7seven@gmail.com
Freya	cyberkedi@hotmail.com
Roy	maniroy@ozemail.com.au
Todd	strontiumchin@gmail.com
Patrick	patrick.sloan@outlook.com
Peter	Peter.fuller8@bigpond.com
justin tutty	justin@darwin.email
Bruce	bruce.mcqueen56@gmail.com
James	jamesolver@yahoo.co.uk
Karoline	Nomadjobsnt@protonmail.com
Mrs s j	florinadriving@clancall.com.com
Heidi Jennings	heidi.j1@hotmail.com
Carina	cowcreek@westnet.com.au
sue harrington	csueh1@gmail.com

Shirley

shirley.h.crane@gmail.com