

## Freedom of Information

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**From:** s 22  
**Sent:** Monday, 24 January 2022 12:16 PM  
**To:** s22  
**Subject:** FW: Confidential brief on Darwin and Bayu-Undan CCS proposal [SEC=OFFICIAL:Sensitive]  
**Attachments:** Darwin and Bayu-Undan CCS Proposal.pdf

OFFICIAL: Sensitive

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**From:** Illman, Marie  
**Sent:** Tuesday, 20 July 2021 4:54 PM  
**To:** s 22 @industry.gov.au>  
**Subject:** FW: Confidential brief on Darwin and Bayu-Undan CCS proposal [SEC=OFFICIAL:Sensitive]

Here tis

**Marie Illman**  
**General Manager**

Resources Division | Offshore Resources Branch  
 Nggunawal Country, 51 Allara Street (GPO Box 2013) Canberra ACT 2601 Australia  
 Department of Industry, Science, Energy and Resources  
 s22 | M s 47F | E marie.illman@industry.gov.au

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### Acknowledgement of Country

Our department recognises the First Peoples of this nation and their ongoing connection to culture and country. We acknowledge First Nations Peoples as the Traditional Owners, Custodians and Lore Keepers of the world's oldest living culture and pay respects to their Elders past, present and emerging.



OFFICIAL: Sensitive

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**From:** Trotman, Paul  
**Sent:** Friday, 2 July 2021 7:56 AM  
**To:** Quinn, Daniel ; Illman, Marie  
**Subject:** FW: Confidential brief on Darwin and Bayu-Undan CCS proposal [SEC=OFFICIAL]

Let's discuss

OFFICIAL

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**From:** Munro, Kushla  
**Sent:** Thursday, 1 July 2021 6:09 PM  
**To:** Trotman, Paul <Paul.Trotman@industry.gov.au>  
**Subject:** FW: Confidential brief on Darwin and Bayu-Undan CCS proposal [SEC=OFFICIAL]

Paul – appreciate your views...

OFFICIAL  
OFFICIAL

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**From:** s 22 [@santos.com](mailto:@santos.com)  
**Sent:** Tuesday, 29 June 2021 2:27 PM  
**To:** Munro, Kushla <[Kushla.Munro@industry.gov.au](mailto:Kushla.Munro@industry.gov.au)>  
**Subject:** Confidential brief on Darwin and Bayu-Undan CCS proposal

Hi Kushla, This is a brief on the Darwin/Bayu CCS concept we talked about recently. Would be interested to hear what you think.

Best wishes,

s 22



s 22

s22

Santos Limited, 60 Flinders Street, Adelaide SA 5000

t: s 22

m: s 22



[santos.com](http://santos.com)

Santos Ltd A.B.N. 80 007 550 923

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Freedom of Information

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**From:** s22  
**Sent:** Thursday, 17 February 2022 3:59 PM  
**To:** s22  
**Cc:** Freedom of Information; s22  
**Subject:** FW: Info source [SEC=OFFICIAL]

Hi s22

Re our FOI issue, we have identified the below email from the HESC team which identifies part of their logic for the quote used in minister Taylor's media release. This was sent to use when the office was responding to a media request, following the ministers media release.

This may change our response to the FOI. Would appreciate your views.

Thanks.  
s2

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OFFICIAL

**From:** s22  
**Sent:** Thursday, 17 February 2022 3:54 PM  
**To:** s22 @industry.gov.au>  
**Subject:** FW: Info source [SEC=OFFICIAL]

s22

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OFFICIAL

**From:** MediaTeam  
**Sent:** Tuesday, 25 January 2022 4:21 PM  
**To:** s22 @industry.gov.au>; s22  
 @industry.gov.au>  
**Cc:** s22 @industry.gov.au>; s22 @industry.gov.au>;  
 s22 @industry.gov.au>; MediaTeam <MediaTeam@industry.gov.au>; s22  
 @industry.gov.au>; s22 @coxinalldentsu.com.au>  
**Subject:** RE: Info source [SEC=OFFICIAL]

Thanks s22

I've sent the lines up to the MO and asked them to copy us into the response to the journalist, which we can share with s22

FYI, this is what I sent s22

s22

Hi s22

The hydrogen and HESC teams have provided the following information. Please note, the CoxInall PR man for HESC has now received the same query from the same journalist. So could you copy any response to us, and we'll make sure he sees what you send back.

The estimate on emissions saved is from the HESC project. The following lines explain how they came up with the estimate, based on IEA and CSIRO estimates and data in the National Hydrogen Strategy.

The estimation has been calculated as follows:

Most of the hydrogen produced today is via steam methane reforming (SMR) with no CCS. Data in Australia's National Hydrogen Strategy reports that this produces around 8.5 tonne[4] of CO<sub>2</sub> per tonne of hydrogen.

CSIRO data states that coal gasification with CCS produces around 0.71 tonne of CO<sub>2</sub> per tonne of hydrogen[5].

Therefore, the HESC Project could save 1.8 million tonnes of CO<sub>2</sub> per year. (8.5 minus 0.71 multiplied by 225,000).

Regards,

s22 .

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OFFICIAL

**From:** s22

**Sent:** Tuesday, 25 January 2022 4:09 PM

**To:** s22 @industry.gov.au>; s22 @industry.gov.au>

**Cc:** s22 @industry.gov.au>; s22 @industry.gov.au>;

s22 @industry.gov.au>; MediaTeam <MediaTeam@industry.gov.au>; s22

@industry.gov.au>; s22 @coxinalldentsu.com.au>

**Subject:** RE: Info source [SEC=OFFICIAL]

Hi s22

The same jurno has also reached out to s22 from the PR agency with similar questions.

Can you please copy him in the response once finalised so we are aligned.

FYI I have copied him in this email.

Regards,

s22

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OFFICIAL

**From:** s22 @coxinalldentsu.com.au]

**Sent:** Tuesday, 25 January 2022 3:08 PM

**To:** s22 @industry.gov.au>

**Cc:** s22 @khi.co.jp>

**Subject:** Info source

Hi s22 see below

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