

ATISN 15062 – 2021-04-12-COG-Flexis Project - RESPONSE

15th May 2021

From: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Sent: 15 March 2021 11:57

To: Loveland, Ron (Energy Adviser - Welsh Government); WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Cc: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Subject: RE: FLEXIS Policy work.-state of play in Wales?

Agree with Ron. There is so much activity coming down the track that we will need help to be prepared to address all of these from a Welsh perspective and ensure we can be positioned to maximise any UK Government funding as well as European and R&D funding opportunities which arises from these. Through Smart Living I've found its really powerful when you have an academic, public and private supporting cluster, particularly when academic input can help with future proofing thinking of developments.

Examples can be given from FLEXIS and other university R&D how work you have done contributes to helping position Wales and provides the building blocks to support key areas identified by the UK Gov list e.g heat and buildings [specific, ABC etc], industrial RICE, SWIC, including hydrogen, ammonia, rail test centre, R&D cultural and behavioural, transport, smart and big data opportunities et al.. and many more I've not mentioned.

Hope that helps.

[name redacted - S.40]

Byw smart/Smart Living

Is-adran Datgarboneiddio / Decarbonisation Division

Yr Adran Amgylchedd, ynni a Materion Gwledig / Department for Environment, Energy and Rural Affairs

Llywodraeth Cymru / Welsh Government

[name redacted - S.40]@gov.wales

From: Loveland, Ron (Energy Adviser - Welsh Government)

Sent: 15 March 2021 09:52

To: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Cc: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Subject: RE: FLEXIS Policy work.-state of play in Wales?

[name redacted - S.40], with a Wales Parliament election coming up, may be more useful to show this picture from the recent UK growth plan doc and then have an open discussion on how Wales should play into this huge agenda?

Regards

Ron

From: CARDIFF UNIVERSITY OFFICIAL [names redacted - S.40]>

Sent: 15 March 2021 09:27

To: Loveland, Ron (Energy Adviser - Welsh Government); WELSH GOVERNMENT OFFICIAL [names redacted - S.40]

Subject: FLEXIS Policy work.

Dear both,

Am thinking about the agenda for next Monday's meeting and it seems to me that it might make sense if we briefed the group on the current state of play in Wales.

Would you be content to speak to that?

For example..... WELSH GOVERNMENT OFFICIAL [name redacted - S.40] might give an overview of Smart Living. Something like that.

With best wishes,
CARDIFF UNIVERSITY OFFICIAL [names redacted - S.40]

16th February 2021

From: WELSH GOVERNMENT OFFICIAL [names redacted - S.40]
Sent: 16 February 2021 14:30
To: Loveland, Ron (Energy Adviser - Welsh Government); WELSH GOVERNMENT OFFICIALS [names redacted - S.40]
Cc: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]
Subject: RE: FLEXIS- continued WEFO funding until 2023

That is good news as there is no successor yet in place that would provide the cohesion from the different workstreams and universities working together.

WELSH GOVERNMENT OFFICIALS [names redacted - S.40]
Is-adran Datgarboneiddio ac Ynni / Decarbonisation and Energy Division
Yr Adran Amgylchedd, ynni a Materion Gwledig / Department for Environment, Energy and Rural Affairs
Llywodraeth Cymru / Welsh Government

From: Loveland, Ron (Energy Adviser - Welsh Government)
Sent: 16 February 2021 13:13
To: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]
Subject: FLEXIS- continued WEFO funding until 2023

WELSH GOVERNMENT OFFICIALS [names redacted - S.40], fyi

Regards

Ron

From: CARDIFF UNIVERSITY OFFICIAL [names redacted - S.40]
Sent: 16 February 2021 13:11
To:
MULTIPLE WELSH GOVERNMENT OFFICIALS [name redacted - S.40], MULTIPLE EXTERNAL OFFICIALS [name redacted - S.40]
Cc:
MULTIPLE WELSH GOVERNMENT OFFICIALS [name redacted - S.40], MULTIPLE EXTERNAL STAKEHOLDERS [name redacted - S.40]
Subject: FLEXIS

Dear all,

I'm writing to give you the good news that WEFO have agreed in principle to fund a 2 year extension of the FLEXIS project from the end of Feb 2021 to end of Feb 2023. We are currently finalising the contract extension documentation. Thank you all for your fantastic support of the project, which has led to this outcome.

I hope therefore that you will be happy to continue as members of the FLEXIS Advisory Board (FAB) for another two years. We plan to continue with the same pattern of meetings, namely one in May and one in November, with the next one scheduled for May 13 2021.

As I mentioned at the end of the last FAB meeting, [name redacted - S.40] decided to step down from the Chair's role, at the end of the current FLEXIS programme. After discussion with my fellow Principal Investigators [Names redacted – S.40] was approached to take over from [Names redacted – S.40]. I'm delighted to be able to let you know that [Names redacted – S.40] has agreed.

With very best wishes for now,
CARDIFF UNIVERSITY OFFICIAL [names redacted - S.40]

17th February 2020

-----Original Message-----

From: Loveland, Ron (Energy Adviser - Welsh Government)
Sent: 17 February 2020 10:31
To: CARDIFF UNIVERSITY [name redacted - S.40]>
Subject: MEGAplus

CARDIFF UNIVERSITY [name redacted - S.40],

does not ring a bell. Might I know it by a different name?

Regards

Ron

-----Original Message-----

From: CARDIFF UNIVERSITY [name redacted - S.40]>
Sent: 17 February 2020 10:09
To: Loveland, Ron (Energy Adviser - Welsh Government)
Subject: RE: CONFIDENTIAL: Low-cost, clean hydrogen from underground oil fires could kill off green H2 sector | Recharge

How much do you know about our MEGAPlus project?

-----Original Message-----

From: Loveland, Ron (Energy Adviser - Welsh Government)
Sent: 17 February 2020 08:36
To: [name redacted - S.40]; CARDIFF UNIVERSITY OFFICIAL [name redacted - S.40]>
Cc: liannedeeming@avanzate.co.uk; WELSH GOVERNMENT OFFICIAL [name redacted - S.40]>

Subject: CONFIDENTIAL: Low-cost, clean hydrogen from underground oil fires could kill off green H2 sector | Recharge

<https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.recharge-news.com%2Ftransition%2Flow-cost-clean-hydrogen-from-underground-oil-fires-could-kill-off-green-h2-sector%2F2-1-752473&data=04%7C01%7CRichard.Griffiths011%40gov.wales%7C455f0c164f31441aa55608d8fdc720f5%7Ca2cc36c592804ae78887d06dab89216b%7C0%7C0%7C637538378970439909%7CUnknown%7CTWFpbGZsb3d8eyJWlloiMC4wLjAwMDAiLCJQIjoiV2luMzliLjBjBTil6lk1haWwiLCJXVCi6Mn0%3D%7C1000&sdata=YU5Z5emKuun9Se%2BMYcSGbgBqo73652782ppaeAy6s7A%3D&reserved=0>

Dear all, UGC by another name plus some clever H2 separation technology: any thoughts? Some of you may recall there has been previous speculative interest in UGC in Swansea Bay region, although coal seams there are heavily faulted.

Regards

Ron

15th July 2018

From: RON LOVELAND

Sent: 15 July 2018 11:40

To: WELSH GOVERNMENT OFFICIAL [names redacted - S.40]

Cc: WELSH GOVERNMENT OFFICIAL [names redacted - S.40] Loveland, Ron (Energy Adviser - Welsh Government)

Subject: Coal gas etc exploitation-Flexis support

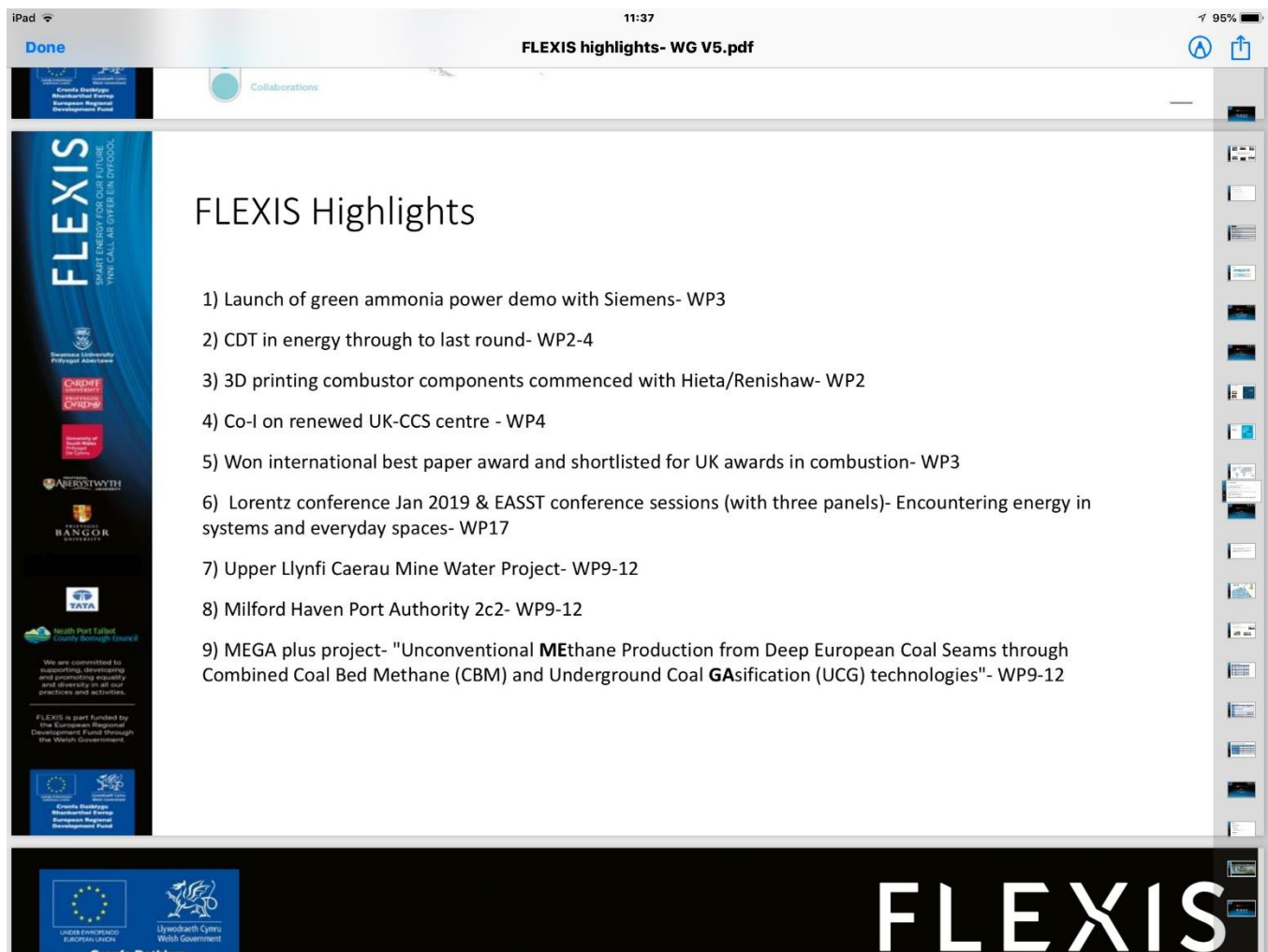
RON LOVELAND

Coal gas etc exploitation-Flexis support

[names redacted - S.40], this is from the slide set from last Thursday's meeting. Looks like Flexis work packages 9-12 are being used to fund the ARB work we discussed?

Regards

Ron



7th June 2017

From: Loveland, Ron (Energy Adviser - Welsh Government)

Sent: Wednesday, June 07, 2017 06:38 PM

To: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

[name redacted - S.40], sorry-just realised this is the SH/W workshop report!

Regards

Ron

From: Loveland, Ron (Energy Adviser - Welsh Government)

Sent: Wednesday, June 07, 2017 06:38 PM

To: WELSH GOVERNMENT OFFICIAL [name redacted - S.40]

Subject: Re: FLEXIS - Demonstration Site Board seminar on 20th July in Cardiff

[name redacted - S.40], sorry getting confused

The 'SL Inside Homes and Businesses document' is which one?

Ron

From: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Sent: Wednesday, June 07, 2017 05:13 PM

To: Loveland, Ron (Energy Adviser - Welsh Government)

Cc: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Subject: RE: FLEXIS - Demonstration Site Board seminar on 20th July in Cardiff

Hi Ron

Had very good meeting both with [names redacted - S.40]. They are very excited by the SL Inside Homes and Businesses document and will be adding extra strength from their research into the document.

I also floated past them the proposed NPT projects and from their research it has become even more evident that their input is going to be key with NPT to inform and incorporate citizens ownership into the Swansea Bay City Region developments and the NPT projects will give them the platform to do that I believe. They have said they will be there.

Just as one example their research has identified that citizens have life cycles driven by events that affects how they interact with the world. This means that an answer for them now will not automatically lead to the right answer in their next life cycle. This requires support of flexibility so any homes that are built need to have sufficient flexibility to adapt to support the different lifecycles inherent in everyone's lives. This could mean that designs need to have the citizen understanding input inbuilt into them rather than purely on an architect and structural perspective. This could lead to a pick and mix of evolving designs which flexes space and scope within the four walls and can be adapted rather than a given fixed design?

This thought seems to reflect the discussion I had with housing colleagues that social housing guidelines provide sufficient room sizes to allow for flexing of the family needs as they grow and reduce and found to be very popular so that some Local Authority are using similar dimensions to influence private housebuilders.

Interesting times ahead....

[names redacted - S.40]

Is-adran Datgarboneiddio ac Ynni / Decarbonisation and Energy Division
Yr Adran Amgylchedd a Materion Gwledig / Department for Environment and Rural Affairs
Llywodraeth Cymru / Welsh Government

From: Loveland, Ron (Energy Adviser - Welsh Government)

Sent: 06 June 2017 16:20

To: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Subject: Re: FLEXIS - Demonstration Site Board seminar on 20th July in Cardiff

[name redacted - S.40], hopefully [names redacted - S.40] will be at the workshop

Regards

Ron

From: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Sent: Tuesday, June 06, 2017 01:37 PM

To: Loveland, Ron (Energy Adviser - Welsh Government)

Subject: RE: FLEXIS - Demonstration Site Board seminar on 20th July in Cardiff

Ron

I note there is no Local Authority presence for this so as part of discussion somehow it would be good to raise in the margins of the meeting about the proposed citizen building demand focus projects being developed with NPT to ensure they are aware of the potential value added aspects the proposals can bring to their work/proposals. I'm hoping to discuss projects A and B with [name redacted - S.40] tomorrow.

WELSH GOVERNMENT OFFICIAL [names redacted - S.40]

Is-adran Datgarboneiddio ac Ynni / Decarbonisation and Energy Division
Yr Adran Amgylchedd a Materion Gwledig / Department for Environment and Rural Affairs
Llywodraeth Cymru / Welsh Government

From: Loveland, Ron (Energy Adviser - Welsh Government)

Sent: 05 June 2017 15:59

To: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Cc: WELSH GOVERNMENT OFFICIALS [names redacted - S.40]

Subject: Fw: FLEXIS - Demonstration Site Board seminar on 20th July in Cardiff

[names redacted - S.40], fyi. I hope to attend.

Regards

Ron

From: CARDIFF UNIVERSITY OFFICIAL [name redacted - S.40]

Sent: Monday, June 05, 2017 03:37 PM

To:

MULTIPLE WELSH GOVERNMENT OFFICIALS [name redacted - S.40], MULTIPLE EXTERNAL OFFICIALS [name redacted - S.40]

Subject: FLEXIS - Demonstration Site seminar on 20th July in Cardiff

To all FLEXIS Advisory Board (FAB) members and the FLEXIS Operational Management group (OMG);

Dear all,

Further to our discussions at the inaugural FLEXIS Advisory Board meeting last month, and considering all the various issues raised it seems sensible to now prioritise some actions over the next 6 months. To that end we propose to focus attention on the scoping of the FLEXIS Demonstration site and we would very much welcome your input into our discussions. As you know, we plan to hold the next FAB meeting on 8th/9th November; we propose that this will be held in Port Talbot, with the aim of focussing very much on the Demonstration site.

As part of the thinking about a Demonstration Site, we also plan to hold a one-day FLEXIS seminar in Cardiff in July, to progress our consideration of this matter. The seminar will bring together FLEXIS academics and FAB members. The Demonstration area is a key part of the FLEXIS project and one for which it will be very helpful to engage the skills available in the Advisory Board. We would therefore like to invite all our Advisory Board members to attend this meeting if they are able to spare the time.

The meeting will take place on **Thursday 20th July 2017** from 09.30-16.30 in room WX3.14, Queens building West Extension, 5 The Parade, Newport Road, Cardiff, CF24 3AA. Please make a note of this date in your diaries and let us know whether you will be able to attend.

We are able to cover any travel and subsistence costs and accommodation costs up to the amount of £90 per night for FAB members. Please use the guidance and forms attached, along with original receipts to claim this back. We do have a special Cardiff University rate with the [redacted - S.43] hotel so please mention this if booking.

With best wishes,

CARDIFF UNIVERSITY OFFICIALS [name redacted - S.40]

FLEXIS

Geoenvironmental Research Centre/Canolfan Ymchwil Ddaearamgylcheddol

Cardiff University/Prifysgol Caerdydd

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