----Original Appointment-----

From: [redacted]@firescotland.gov.uk>

Sent: 23 January 2020 09:17

To: [redacted] @firescotland.gov.uk>; [redacted] @firescotland.gov.uk>; [redacted]; @firescotland.gov.uk>; [redacted] @firescotland.gov.uk>; [

[redacted] @scotent.co.uk;

Subject: R&D innovation funding - building of zero emission Fire Appliance in Scotland **When:** 23 January 2020 09:00-10:00 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.

Where: Braidwood Suite, Cambuslang, HQ.

Good Morning,

Please accept the proposed invitation to meet, for further discussion on the building of a zero emission fire appliance for SFRS.

Please see attached the Agenda for this meeting and Minutes from the previous meeting, on 3rd December 2019.

If anyone would like to dial in to this meeting, the details are as follows:

To dial in from an <u>internal</u> number:

Extension **2964** Pin **9992964#**

To dial in from an external number:

[redacted]
Extension 2964#
Pin 9992964#

If you could please let me know if you will be attending this meeting in person or dialling in, it would be much appreciated.

Thanks,

[redacted]

[redacted] | Corporate Admin Support Assistant | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

2: 0141 646 4614 **2**: **[redacted]**@firescotland.gov.uk

Working together for a safer Scotland

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosu re, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Titled: R&D Innovation Funding agenda 23/01/2020

Dated: 23/01/2020



R & D INNOVATION FUNDING THURSDAY 23rd JANUARY 2020, 09.00-10.00 BRAIDWOOD SUITE, CAMBUSLANG, HQ AGENDA

- 1. Welcome and Opening Remarks
- 2. [redacted s.30(b)(ii)) R&D support from Scottish Enterprise
- 3. Transport Scotland Fleets Work
- 4. Outline of Potential Process for SFRS to adopt in procuring ZE Fire Appliances
- 5. Suggested Process and Forward Plan
- 6. Agreement of Next Steps
- 7. Summary of Actions
- 8. AOCB

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 07 February 2020 13:47

To: [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >;

[redacted] < [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ firescotland.gov.uk >; [redacted]

<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>; [redacted](ECON)

<[redacted]@transport.gov.scot>; [redacted]<[redacted]@transport.gov.scot>;

[redacted]<[redacted]@transport.gov.scot>; [redacted]@scotent.co.uk; [redacted]<

[redacted]@firescotland.gov.uk>; [redacted]@transport.gov.scot>; [redacted]@scotent.co.uk;

[redacted]@scotent.co.uk; [redacted] @scotent.co.uk >; SFRS Corporate Admin

<SFRS.corporateAdmin@firescotland.gov.uk>; [redacted] < [redacted] @scotent.co.uk>;

[redacted]<[redacted]@gov.scot>; [redacted]<[redacted]@firescotland.gov.uk>

Subject: FW: Zero Emission Fire Appliance project meeting on Monday, 10th February, Cambuslang

Good afternoon Folks

Please see the papers received thus far for Mondays meeting

Many thanks [redacted] PSI hope you all have a lovely weekend

From: [redacted]@transport.gov.scot [mailto:[redacted]@transport.gov.scot]

Sent: 07 February 2020 10:39

To: [redacted] < [redacted] @ firescotland.gov.uk >

Subject: FW: Zero Emission Fire Appliance project meeting on Monday, 10th February, Cambuslang

Hi [redacted]

Just had an out-of-office notification from [redacted] —please see my e-mail below.

Regards

[redacted]

[redacted] Team Leader, Economy & Innovation Transport Scotland: Low Carbon Economy Buchanan House, 58 Port Dundas Rd, Glasgow G4 0HF

Tel: [redacted]

From: [redacted](ECON) @transport.gov.scot>;

Sent: 07 February 2020 10:35

To: [redacted] < [redacted] @ firescotland.gov.uk >

Cc: [redacted] @ scotent.co.uk >; [redacted] @ transport.gov.scot >; [redacted]

< [redacted] @ scotent.co.uk>; [redacted] < [redacted] @ scotent.co.uk>; [redacted] @ transport.gov.scot>;

[redacted]<[redacted]@gov.scot>

Subject: Zero Emission Fire Appliance project meeting on Monday, 10th February, Cambuslang

Hi [redacted]

Here's our suggested agenda for Monday's meeting to discuss the forward process for the Zero Emission Fire Appliance project

- Presentation of draft SFRS Zero Emission Fire Appliance Challenge project process and plan.
- Discussion of process and plan.
- Agreement on project governance.
- Next steps, including formation of project implementation group.

I've attached a draft project plan (pulled together by [redacted] and [redacted]), that builds on the project flow diagram that was discussed at our last meeting.

It's worth noting that this is very much a draft for discussion and outlines the key stages required and where SE, TS and SG can support SFRS to procure zero emission fire appliances that meet your needs. It's likely that modification of WPs, activities, timescales etc will be required once the project gets fully underway. The emphasis in the draft is on SFRS leading the project but with our support and guidance at all stages.

Hope this makes sense and look forward to seeing you on Monday.

Regards

[redacted]

[redacted]

Team Leader, Economy & Innovation
Transport Scotland: Low Carbon Economy

Buchanan House, 58 Port Dundas Rd, Glasgow G4 0HF

Tel: [redacted]

This e-mail (and any files or other attachments transmitted with it) is intended solely for the attention of the addressee(s). Unauthorised use, disclosure, storage, copying or distribution of any part of this e-mail is not permitted. If you are not the intended recipient please destroy the email, remove any copies from your system and inform the sender immediately by return.

Communications with the Scottish Government may be monitored or recorded in order to secure the effective operation of the system and for other lawful purposes. The views or opinions contained within this e-mail may not necessarily reflect those of the Scottish Government.

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Extract from attachment from Email

Titled: 23/01/2020 R&D Innovation Funding Minutes

Dated: 07/02/2020

 IM stated that the innovative vehicle, would need to be trialled for at least 18-24 months, before a further roll out/ production was considered.

Next Steps

The Group discussed ways forward and highlighted the following points:

- NF confirmed that Transport Scotland are keen to support this project and have resources to support SFRS.
- The group agreed that a proposal should be built, understanding the risks, the current specification and considerations.
- NF suggested all external agencies around the table build a proposal, and bring this to the next meeting.
- The Group agreed that the next meeting should focus on the proposal and discussing the product requirement, and this can be a starting point for the project team.
- SR will send out appliance specification to group prior to the next meeting.
- IM asked FS to schedule a further meeting for 3-4 weeks' time.

----Original Appointment-----

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 10 February 2020 09:22

To: [: [redacted] @firescotland.gov.uk; [redacted] @firescotland.gov.uk; [redacted] @firescotland.gov.uk;

[redacted] @firescotland.gov.uk; [redacted] @firescotland.gov.uk; [redacted] @firescotland.gov.uk;

 $\textbf{[redacted]} (ECON); @transport.gov.scot \textbf{[redacted]} @transport.gov.scot; \textbf{[reda$

 $\textbf{[redacted]} @ scotent.co.uk; \textbf{[redacted]}; \textbf{[redacted]} @ scotent.co.uk; \textbf{[redacted]} @ scotent.co.uk; \textbf{[redacted]} \\ @ scotent.co.uk; \textbf{[redacted]} & scotent.co.uk; \textbf{[redacted]} \\ & scotent.co.uk; \textbf{[redacted]} & scotent.co.uk; \textbf{[redacted]} \\ & scotent.co.uk; \textbf{[redacted]} & scotent.co.uk; \textbf{[redacted]} & scotent.co.uk; \textbf{[redacted]} \\ & scotent.co.uk; \textbf{[redacted]} & scotent.co.uk; \textbf{[red$

 $\textbf{[redacted]} \ (\textbf{SFRS Corporate Admin; [redacted]} \ @ \ scotent.co.uk); \textbf{[redacted]} \ @ \ scotent.co.uk); \textbf{[redacted]} \ @ \ scotent.co.uk); \textbf{[redacted]} \ (\textbf{gov.scotent.co.uk}); \textbf{[redacted]} \ ($

Subject: R & D Innovation Funding

When: 10 February 2020 10:00-12:00 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.

Where: Meeting Room 1, Cambuslang, HQ

Good Afternoon,

Please see attached Minutes from the previous meeting, potential support plan and Agenda for this meeting.

If anyone would like to dial in to this meeting the details are as follows:

To dial in from an internal number:

Extension 2964

Pin 9992964#

To dial in from an external number:

[redacted]

Extension 2964#

Pin **9992964**#

If you could please let me know if you will be attending this meeting in person or dialling in, it would be much appreciated.

Thanks,

[redacted]

[redacted] | Corporate Admin Support Assistant | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

Working together for a safer Scotland

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Email

Titled: 10/02/2020 R&D Innovation Funding Agenda

Dated: 10/02/2020



R & D INNOVATION FUNDING MONDAY 10[™] FEBRUARY 2020, 10.00-12.00 MEETING ROOM 1, CAMBUSLANG, HQ AGENDA

- 1. Welcome and Opening Remarks
- 2. Presentation of draft SFRS Zero Emission Fire Appliance Challenge project process and plan.
- 3. Discussion of process and plan.
- 4. Agreement on project governance.
- 5. Agreement of Next Steps, including formation of project implementation group.
- 6. Summary of Actions
- 7. AOCB

----Original Appointment----

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 23 November 2021 16:37

To::[redacted] @firescotland.gov.uk>; [redacted] @scotent.co.uk'; [redacted] @scotent.co.uk'; [redacted] @transport.gov.scot; [redacted] @transport.gov.scot;

[redacted]@gov.scot;

Cc: [redacted] @firescotland.gov.uk>

Subject: Low Carbon Appliance Project Board

When: 24 November 2021 14:00-15:00 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.

Where: Microsoft Teams Meeting

Good Afternoon,

Please find attached combined meeting pack for the Low Carbon Appliance Project Board.

Thanks, [redacted]

[redacted] | Support Officer to [redacted] Morris, Acting Director of Asset Management | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

☎: 0141 646 4614 **⊠**: **[redacted]**@firescotland.gov.uk

Working together for a safer Scotland



Safety, Teamwork, Respect, Innovation.

Microsoft Teams meeting Join on your computer or mobile app Click here to join the meeting

<u>Learn More</u> | <u>Meeting options</u>

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Extract from attachment from Meeting Invite

Titled: 23/11/2021 Low Carbon Appliance Project Board pdf

Dated: 23/11/2021

At this point the appliance charging infrastructure funding stream hasn't been secured, and this will be initiated in parallel and as direct interdependency to this project Evaluation period: Once the final appliance has been received into SFRS, there will be a period of no less than 12 months and no more than 18 months operational evaluations to identify any performance issues or concerns that will inform the design and construction methodology of a future production model.

----Original Appointment-----

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 19 January 2022 13:28

To: [redacted] @firescotland.gov.uk>; [redacted] @scotent.co.uk'; [redacted]]@scotent.co.uk'; [redacted] @transport.gov.scot; [redacted] @transport.gov.scot; [redacted] @transport.gov.scot;

[redacted]@gov.scot; Cc: Murdoch, David

Subject: Low Carbon Appliance Sub Group

When: 20 January 2022 09:00-10:00 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.

Where: Microsoft Teams Meeting

Colleagues,

Papers for tomorrow's meeting,

Best regards,

C

Group Commander - Asset Management - Research, Development and Innovation

Scottish Fire and Rescue Service

C:4054 M: [redacted]E: [redacted]@firescotland.gov.uk

www.firescotland.gov.uk



Safety. Teamwork. Respect. Innovation.

Microsoft Teams meeting

Join on your computer or mobile app

Click here to join the meeting

<u>Learn More</u> | <u>Meeting options</u>

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Meeting Invite

Titled: Low Carbon Appliance Project Board agenda 20/01/2022

Dated: 19/01/2022

LOW CARBON APPLIANCE PROJECT SUB GROUP

THURSDAY 20th JANUARY 2022, 09:00 - 10:00

TEAMS MEETING

AGENDA

- 1. Welcome and Opening Remarks PR
- 2. Apologies PR
- 3. Introductions All
- 4. Indicative Timescales SR
- 5. Potential sites for deployment DM
- 6. Challenges around infrastructure PRWR
- 7. Draft Risk Register All
- 8. Project Highlight Report PR
- 9. Action Log PR
- 10. Any Other Competent Business
- 11. Next Meeting 17.02.2209:00 10:0

-----Original Appointment-----

From: [redacted]@transport.gov.scot

Sent: 07 February 2022 15:05

To: [redacted] @firescotland.gov.uk>;

Subject: TS / SFRS Catch Up

When: 28 February 2022 14:00-14:30 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.

Where: Microsoft Teams Meeting

Following our meeting on the 7th February and to discuss:

- Submission of infrastructure quotations, purchase orders, supplier order confirmations
- Business case revision and multi annual update for zero carbon appliance infrastructure
- Grant accrual processing

Microsoft Teams meeting

Join on your computer or mobile app

Click here to join the meeting

Or call in (audio only)

[redacted] United Kingdom, Edinburgh

Phone Conference ID: 873 211 12#

Find a local number | Reset PIN

SCOTS Connect

<u>Learn More</u> | <u>Help</u> | <u>Meeting options</u>

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 07 April 2022 09:41

To: [redacted] < [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted] @firescotland.gov.uk >; [redacted] @firescotland.gov.uk >;

[redacted] < [redacted] @ scotent.co.uk >; [redacted] @ scotent.co.uk >; [redacted] < [redacted] @ scotent.co.uk >;

[redacted] < [redacted] @ transport.gov.scot >; [redacted] < [redacted] @ transport.gov.scot >;

[redacted]<[redacted]@transport.gov.scot>; [redacted]<[redacted]@gov.scot>;

[redacted] < [redacted] @ transport.gov.scot >; [redacted] < [redacted] @ firescotland.gov.uk >;

[redacted] < [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ firescotland.gov.uk >;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>

Subject: Low Carbon Appliance Project Board 13/04/22

Good Morning,

Please find attached combined meeting papers for the Low Carbon Appliance Project Board on Wednesday 13th April.

Please note that the Project Dossier will be circulated next week prior to the meeting.

Thanks.

[redacted]

[redacted] | Business Support Executive to [redacted], Acting Director of Asset Management | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

2: 0141 646 4614 **2**: **[redacted]**@firescotland.gov.uk

Working together for a safer Scotland



Safety. Teamwork. Respect. Innovation.

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Extract from attachment from Email

Titled: Low Carbon Appliance Project Board 13/04/2022

Dated: 07/04/2022

Milestone	Due Date	Date Delivered
-----------	----------	----------------

User Intelligence Group – Specification - Procurement	October 2021	October 2021
Award contract	November 2021	November 2021
Chassis delivery to vehicle builder	February 2022	February 2022
Equipment/Inventory ordered	March 2022	March 2022
Identification of potential sites for vehicle/charging infrastructure	March 2022	March 2022
Commission survey of potential sites	May 2023	
Instruct works to install charging at chosen site	May 2023	

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 30 May 2022 16:09

To: [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

 $\label{lem:continuity} \textbf{[redacted]} \sim \textbf{[re$

[redacted]<[redacted]@firescotland.gov.uk>: [redacted]<[redacted]@firescotland.gov.uk>:

[redacted] < [redacted] @ firescotland.gov.uk >; [redacted] @ scotent.co.uk ' < [redacted] @ scotent.co.uk >;

[redacted]@scotent.co.uk'<[redacted]@scotent.co.uk>; [redacted]@scotent.co.uk'<[redacted]@scotent.co.uk>;

[redacted]<[redacted]@transport.gov.scot>; [redacted]<[redacted]@transport.gov.scot>; [redacted]

<[redacted]@transport.gov.scot>; [redacted]@gov.scot>; [redacted]@firescotland.gov.uk>;

[redacted] @firescotland.gov.uk >; [redacted] @firescotland.gov.uk >;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted] < [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ firescotland.gov.uk >;

'[redacted]@emergencyone.co.uk' < [redacted]@emergencyone.co.uk>

Subject: Low Carbon Appliance Project Board Paper pack - 1st June 2022

Good afternoon,

Please find attached a copy of the combined paper pack for the Low Carbon Appliance Project Board on Wednesday 1st June 2022.

Kind regards

[redacted]

[redacted] | Head of Service Delivery, East SDA Business Support Officer | East Service Delivery/Newbridge | Scottish Fire and Rescue Service,

E: [redacted]@firescotland.gov.uk

Please note, I am currently working from home.

Working Hours: Mon-Wed 0830-1600, Thu 0830-1645, Fri 0845-1530



E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Extract from attachment from Email

Titled: Low Carbon Appliance Project Board Paper Pack 1st June 22

Dated: 30/05/2022

HIGHLIGHT REPORT

PR discussed the Highlight report with the group, SR shared recent images of the Appliance for the Group to view and gave an overview of the current build timeline which is on target, with the Appliance currently scheduled to be delivered to SFRS in October 2022. There are 5 proposed locations for the Appliance: $[redacted \ s \ 33(1)(b)]$; PR will feedback to the group what is the most cost effective or achievable for SFRS.

Action - Inform Board of likely timeframe for infrastructure following site

6.

6.1

PROJECT DOSSIER

SN discussed that Project Dossier has progressed from Build phase to Service Delivery phase and will now reflect the transition and widening of the Delivery Scope, stating that the infrastructure must now be in place due to the quickening pace of the Appliance delivery to the Service. SN

He also reiterated that the meeting on 22nd April will include the Service Delivery perspective & understanding infrastructure timelines to build this into the Dossier for the SMB in May.

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 31 May 2022 14:46

To: [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted] < [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ firescotland.gov.uk >;

[redacted] < [redacted] @ firescotland.gov.uk >; [redacted] @ scotent.co.uk ' < [redacted] @ scotent.co.uk >;

[redacted]@scotent.co.uk' < [redacted]@scotent.co.uk>; '[redacted] @scotent.co.uk'

<[redacted]@scotent.co.uk>; [redacted]<[redacted]@transport.gov.scot>;

[redacted]<[redacted]@transport.gov.scot>; [redacted]<[redacted]@transport.gov.scot>;

[redacted]<[redacted]@gov.scot>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

 $\label{lem:continuous} \textbf{[redacted]} < \textbf{[re$

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

'[redacted]@emergencyone.co.uk' < [redacted]@emergencyone.co.uk>; [redacted] <

[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk> Subject: LCA Charging Infrastructure Paper - 1st June 2022

Good afternoon,

Please find attached a further paper for decision at the Low Carbon Appliance Project Board on Wednesday 1st June 2022.

Kind regards

[redacted]

[redacted] | Head of Service Delivery, East SDA Business Support Officer | East Service Delivery/Newbridge | Scottish Fire and Rescue Service,

E: [redacted]@firescotland.gov.uk

Please note, I am currently working from home.

Working Hours: Mon-Wed 0830-1600, Thu 0830-1645, Fri 0845-1530



E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Email

Titled: CHARGING INFRASTRUCTURE - STATION SUITABILITY ASSESSMENT

Dated: 31/05/2022

SCOTTISH FIRE AND RESCUE SERVICE LOW

CARBON APPLIANCE PROJECT BOARD



Report No:

Agenda Item:

Report	to:	LOW CARBON APPLIANCE PROJECT BOARD							
Meeting Date:		1 ST JUNE 2022							
Report	Title:	le: CHARGING INFRASTRUCTURE - STATION SUITABILITY ASSESSMENT							
Report Classification:		For Decision	Board/Committee Meetings ONLY For Reports to be held in Private Specify rationale below referring to Board Standing Order 9						
			<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>
1	Purpose								
1.1	carbon fi	pper outlines the assessment criteria that was consider when identifying a home station for the low in fire appliance and seeks a decision on the charging infrastructure site and location, to allow the and installation to progress.							
2	Backgrou	ınd							

2.1	SFRS have placed an order for a prototype low carbon fire appliance. The appliance will be fully electric
	and therefore battery driven. A 150kw charger is recommended by the manufacturer to achieve the
	optimal and fastest charging time. This paper discusses the options and influencing factors when
	determining a suitable home station and the options for the infrastructure that is installed.
3	Main Report/Detail
3.1	[redacted s.33(1)(b)]
3.2	[redacted s.33(1)(b)]
3.3	[redacted s.33(1)(b)]
3.4	[redacted s.33(1)(b)]
3.5	[redacted s.33(1)(b)]
	[redacted s.33(1)(b)]
3.6	
4	Recommendation
4.1	[redacted s.33(1)(b)]
5	Key Strategic Implications
5.1	Risk
5.1.1	Third party delays, specifically Distribution Network Operators, can impact upon delivery timescales.
5.2	Financial
5.2.1	The costs received to date are indicative and are subject to change depending on specific installation
L 2 2	requirements.
5.2.2 5.2.3	Resource cost for PPM for HV charging infrastructure No funding arrangements are currently in place for the project.
3.2.3	The fariants are currently in place for the projecti
5.3	Environmental & Sustainability
5.3.1	The project will assess whether electric fire appliances are suitable for a wider rollout within the SFRS heavy fleet. This has the potential to reduce CO2 emissions and improve local air quality.
5.4	Workforce
5.4.1	There are no known implications on workforce planning.
5.5	Health & Safety
5.5.1	[redacted s.33(1)(b)]
5.6	Training
5.6.1	Crews will require training on the use of the new charging infrastructure.
5.7	Timing
5.7.1	The infrastructure will require to be operational when the low carbon appliance is operational.
5.8	Performance
5.8.1	The paper has no direct implication on performance.
5.9	Communications & Engagement
5.9.1	The paper has no direct implication on communications and engagement.

Legal				
The installation of a sub-station on SFRS property requires legal negotiations with Scottish Power Energy				
Networks	as the land on which the sul	bstation is sited is leased	to the DNO.	
Not applic	cable			
	(-) (0.)			
[redacted	s.33(1)(b)]			
fredacted	s.33(1)(h)]			
[[Cudoteu	3.55(1)(5)]			
[redacted	s.33(1)(b)]			
[redacted	s.33(1)(b)]			
[redacted	s.33(1)(b)]			
[redacted	s.33(1)(b)]			
	L			
	[redacted s.33(1)(b)]			
	[redacted s.33(1)(b)]			
	[. caacca 5.55(2)(5)]			
d d	[redacted s.33(1)(b)]			
)]				
d s.33(1)(b)]				
d c 33(1)(h)]		[redacted s.33(1)(b)]	[redacted s.33(1)(b)]	
a 3.33(±)(b)]				
	The instal Networks Informati Not applicated [redacted [redacted [redacted [redacted [redacted]]]]	The installation of a sub-station on SF Networks as the land on which the sul Information Governance Not applicable [redacted s.33(1)(b)] [redacted s.33(1)(b)]	The installation of a sub-station on SFRS property requires leg. Networks as the land on which the substation is sited is leased Information Governance Not applicable [redacted s.33(1)(b)] [redacted s.33(1)(b)]	

From: [redacted] < [redacted]@firescotland.gov.uk>

Sent: 01 June 2022 14:19

To: [redacted] < [redacted] @ transport.gov.scot > Subject: Low Carbon Appliance Charging Infrastructure

Hi [redacted],

I hope you are well.

There was an action from this morning's Low Carbon Appliance Project Board for [redacted], [redacted] and yourself to meet to discuss the charging infrastructure.

Would you be available at 15.30 on Monday after the Blue Light Group to discuss this? if this suits I will send out a Teams invite.

Thanks,

[redacted]

[redacted]| Business Support Executive to [redacted], Acting Director of Asset Management | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

Working together for a safer Scotland



Safety. Teamwork. Respect. Innovation.

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosu re, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 06 June 2022 10:42

To: [redacted] < [redacted] @ transport.gov.scot >

Subject: RE: Low Carbon Appliance Charging Infrastructure

Hi [redacted],

That's great, thanks so much for accommodating. I have sent out a Teams invite.

Thanks,

[redacted]

[redacted] | Business Support Executive to [redacted], Acting Director of Asset Management | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

Working together for a safer Scotland



Safety. Teamwork. Respect. Innovation.

From: [redacted]@transport.gov.scot [mailto:[redacted]@transport.gov.scot]

Sent: 06 June 2022 10:09

To: [redacted] < [redacted] @ firescotland.gov.uk >

Subject: RE: Low Carbon Appliance Charging Infrastructure

CAUTION: This email originated from outside of SFRS. Do not click links or open attachments unless you are certain the email is genuine and know the content is safe.

Hi [redacted],

I can move things around to accommodate, so yes fine with that.

Best.

[redacted]

[redacted]Senior Delivery Lead

Low Carbon Economy Directorate **Transport Scotland**

Victoria Quay | Edinburgh | EH6 6QQ

E: [redacted]@transport.gov.scot

T: [redacted]

www.transport.gov.scot/missionzero









Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 06 June 2022 09:44

To: [redacted] < [redacted] @ transport.gov.scot >

Subject: RE: Low Carbon Appliance Charging Infrastructure

Hi [redacted],

Apologies, [redacted] is keen to have [redacted] at the meeting and he is off today.

Would you be free on Friday at 12.00 for 30mins?

Thanks,

[redacted]

[redacted] Business Support Executive to [redacted], Acting Director of Asset Management | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

*****: 0141 646 4614 **:** [redacted]@firescotland.gov.uk

Working together for a safer Scotland



Safety. Teamwork. Respect. Innovation.

From: [redacted]@transport.gov.scot [mailto:[redacted]@transport.gov.scot]

Sent: 06 June 2022 09:31

To: [redacted] < [redacted] @ firescotland.gov.uk >

Subject: RE: Low Carbon Appliance Charging Infrastructure

CAUTION: This email originated from outside of SFRS. Do not click links or open attachments unless you are certain the email is genuine and know the content is safe.

Morning [redacted],

I did thank you – hope you had an enjoyable time too.

Fine for me [redacted], thank you.

Best,

[redacted]

[redacted]
Senior Delivery Lead

Low Carbon Economy Directorate
Transport Scotland

Victoria Quay | Edinburgh | EH6 6QQ

E: [redacted]@transport.gov.scot

T: [redacted]

www.transport.gov.scot/missionzero











Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 06 June 2022 08:39

To: [redacted] < [redacted] @transport.gov.scot>

Subject: FW: Low Carbon Appliance Charging Infrastructure

Morning [redacted],

I hope you had a nice weekend (3)

I just wondered if you would be free this afternoon at 15.30 for the meeting with [redacted]? I have held it in [redacted]'s diary anyway, hopefully this suits.

Thanks,

[redacted]

[redacted]| Business Support Executive to [redacted], Acting Director of Asset Management | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

Working together for a safer Scotland



Safety, Teamwork, Respect, Innovation.

From: [redacted]

Sent: 01 June 2022 14:19

To: [redacted]@transport.gov.scot

Subject: Low Carbon Appliance Charging Infrastructure

Hi [redacted],

I hope you are well.

There was an action from this morning's Low Carbon Appliance Project Board for [redacted], [redacted] and yourself to meet to discuss the charging infrastructure.

Would you be available at 15.30 on Monday after the Blue Light Group to discuss this? if this suits I will send out a Teams invite.

Thanks, [redacted]

[redacted]| Business Support Executive to [redacted], Acting Director of Asset Management | Scottish Fire and Rescue Service

SCOTTISH FIRE AND RESCUE SERVICE HEADQUARTERS, WESTBURN DRIVE, CAMBUSLANG, G72 7NA

🕿: 0141 646 4614 🖂: [redacted]@firescotland.gov.uk

Working together for a safer Scotland



Safety, Teamwork, Respect, Innovation.

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 07 June 2022 10:49

```
To: [redacted] @firescotland.gov.uk>; [redacted] @firescotland.gov.scot>; [redacted] @firescotland.gov.scot>; [redacted] @firescotland.gov.uk>; [redacted] @firescotland.gov.uk>
```

Good afternoon,

Please find attached the approved Minutes from the Low Carbon Appliance Project Board Meeting on 1st June 2022.

Kind regards [redacted]

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Extract from attachment from Email

Titled: Low Carbon Appliance Project Board Minutes 01/06/2022

Dated: 07/06/2022

HIGHLIGHT REPORT

PR discussed the Highlight report with the group, speaking of the significant progress being made with the appliance. Costs are in line with predicted budget, it is anticipated quality of the product will be met subject to normal business as usual road testing. Further scrutiny will take place prior to going on the run with SFRS.

Action - IM will have an off-table discussion with PR & CC regarding the Charging Infrastructure.

Action - The group agreed that Stakeholder engagement would be included in the Project Board Structure in order to go through the process/approach and share lessons learned. IM SN/PR

5.

5.1

INFRASTRUCTURE PAPER

PR gave a brief overview the infrastructure paper supplied in the LCAPB paper pack, and the group discussed the findings in the paper. PR discussed the location for the LCA (Low Carbon Appliance), five location sites were surveyed [redacted s.33(1)(b)]. (Full survey is to be retained by Asset Management

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 01 July 2022 14:53

To: [redacted] < [redacted] @transport.gov.scot>

Cc: [redacted]<[redacted]@firescotland.gov.uk>; [redacted]@firescotland.gov.uk>

Subject: RE: Low Carbon Appliance Charging Infrastructure

Hi [redacted]

I am still waiting for a final quote for the charger from Swarco, they have advised that it is currently sitting with their design team.

I am on leave next week, hopefully the quote will be waiting when I return on 11th July and I will send over the completed business case.

Thanks [redacted]

From: [redacted] @firescotland.gov.uk>

Sent: 24 June 2022 14:14

To: [redacted]@transport.gov.scot' < [redacted]@transport.gov.scot >

Subject: RE: Low Carbon Appliance Charging Infrastructure

Hi [redacted]

Yes, all is good here. Looking forward to some sun at the weekend.

Good stuff, the new document will be easier as I don't have to try and adapt the text to suit the new content. We are just trying to finalise the location of the charge point within the yard and get the final quote in from Swarco. I will push to have this submitted by next Friday.

Thanks

[redacted]

From: [redacted]@transport.gov.scot [mailto:[redacted]@transport.gov.scot]

Sent: 24 June 2022 13:50

To: [redacted] < [redacted] @ firescotland.gov.uk >

Subject: RE: Low Carbon Appliance Charging Infrastructure

CAUTION: This email originated from outside of SFRS. Do not click links or open attachments unless you are certain the email is genuine and know the content is safe.

Hi [redacted],

All good thanks, hope all is well with you?

Yes that's right, I think I attached a blank copy previously for you – I would foresee there will be lots of information that you should be able to take from the previous case?

Thanks,

[redacted]

[redacted]
Senior Delivery Lead

Low Carbon Economy Directorate **Transport Scotland** Victoria Quay | Edinburgh | EH6 6QQ E: [redacted]@transport.gov.scot

T: [redacted]

www.transport.gov.scot/missionzero









Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 24 June 2022 11:21

To: [redacted] < [redacted] @transport.gov.scot>

Subject: RE: Low Carbon Appliance Charging Infrastructure

Hi [redacted]

I hope that you're well?

Just to confirm, would you like us to submit a new Business Case for the LCA charger or should I add the detail into our previous BC for the light fleet infrastructure?

Thanks

[redacted]

From: [redacted]@transport.gov.scot [mailto:[redacted]@transport.gov.scot]

Sent: 10 June 2022 13:08

To: [redacted] < [redacted] @firescotland.gov.uk>; [redacted] < [redacted] @firescotland.gov.uk>; [redacted]

<[redacted]@firescotland.gov.uk>

Subject: RE: Low Carbon Appliance Charging Infrastructure

CAUTION: This email originated from outside of SFRS. Do not click links or open attachments unless you are certain the email is genuine and know the content is safe.

Hello.

Good to speak with you all today.

As discussed – please see attached Switched on Fleets Business Case Template for completion.

Please return the completed document to me at your earliest opportunity and I will endeavour to expedite the review process and update you readily thereafter.

Have a great weekend ahead,

[redacted]

[redacted] **Senior Delivery Lead** Low Carbon Economy Directorate **Transport Scotland** Victoria Quay | Edinburgh | EH6 6QQ E: [redacted]@transport.gov.scot T: [redacted]

www.transport.gov.scot/missionzero









Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

-----Original Appointment-----

From: [redacted] < [redacted] @firescotland.gov.uk >

Sent: 06 June 2022 10:30

To: [redacted]; [redacted]; [redacted] Subject: Low Carbon Appliance Charging Infrastructure

When: 10 June 2022 12:00-12:30 (UTC+00:00) Dublin, Edinburgh, Lisbon, London.

Where: Microsoft Teams Meeting

Microsoft Teams meeting Join on your computer or mobile app

Click here to join the meeting Learn More | Meeting options

E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 20 July 2022 11:05

To: [redacted] < [redacted] @transport.gov.scot>

Cc: [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ firescotland.gov.uk >

Subject: Low Carbon Appliance Charging Infrastructure Funding Business Case

Morning [redacted]

I have attached the Business Case for the Low Carbon Appliance charging infrastructure and the associated documents. Please let me know if you require any further detail or clarification on any areas.

Kind regards [redacted]

[redacted], Environment and Carbon Manager, Scottish Fire and Rescue Service T: 0141 646 4683, M: [redacted] E: [redacted]@firescotland.gov.uk



E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Email

Titled: Switched on fleets 2022-2023 Business Case Template

Dated: 20/07/2022

[redacted s.30(c)]

From: [redacted] @transport.gov.scot>

Sent: 22 July 2022 11:59

To: [redacted] < [redacted] @ firescotland.gov.uk >

Subject: RE: Low Carbon Appliance Charging Infrastructure Funding Business Case

Hi [redacted],

Just wanted to confirm receipt - thanks for sending the documentation through.

The review process will start soon, so should have an official decision and reply over the coming couple of weeks.

Best,

[redacted]

[redacted] Senior Delivery Lead

Low Carbon Economy Directorate
Transport Scotland
Victoria Quay | Edinburgh | EH6 6QQ
E: [redacted] @transport.gov.scot

T: [redacted]

www.transport.gov.scot/missionzero



Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

From: [redacted] < [redacted] @firescotland.gov.uk>

Sent: 20 July 2022 11:05

To: [redacted] < [redacted] @ transport.gov.scot >

Cc: [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >; [redacted] @ firescotland.gov.uk >

Subject: Low Carbon Appliance Charging Infrastructure Funding Business Case

Morning [redacted]

I have attached the Business Case for the Low Carbon Appliance charging infrastructure and the associated documents. Please let me know if you require any further detail or clarification on any areas.

Kind regards [redacted]

[redacted], Environment and Carbon Manager, Scottish Fire and Rescue Service T: [redacted], M: [redacted]E: [redacted]@firescotland.gov.uk



E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Email

Titled: Switched on fleets 2022-2023 Business Case Template

Dated: 20/07/2022

[redacted s.30(c)]

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 03 August 2022 15:53

To: [redacted] @ firescotland.gov.uk >; [redacted] @ emergencyone.co.uk >; [redacted]

<[redacted]@swarco.com>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]@firescotland.gov.uk>; [redacted]

<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@gov.scot>; [redacted]<[redacted]@scotent.co.uk>;

[redacted]<[redacted]@transport.gov.scot>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@swarco.com>; [redacted]<[redacted]@firescotland.gov.uk>

Subject: Low Carbon Appliance Project Board - Wednesday 10th August 2022

Good afternoon,

Please find attached a copy of the Agenda for the Low Carbon Appliance Project Board on Wednesday 10th August 2022.

I have also included the link to the Low Carbon Appliance Project Workbook, all documentation relating to the project is shared within the workbook, Click here to access.

Kind regards

[redacted]

[redacted] | Business Support Officer for Head of Service Delivery - East | East Service Delivery/Newbridge | Scottish Fire and Rescue Service,

E: [redacted]@firescotland.gov.uk

Please note, I am currently working from home.

Working Hours: Mon-Wed 0830-1600, Thu 0830-1645, Fri 0845-1530



E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Email

Titled: Low Carbon Appliance Project Board Agenda 10/08/2022

Dated: 03/08/2022

OFFICIAL



LOW CARBON APPLIANCE PROJECT BOARD WEDNESDAY 10th AUGUST 2022 0900-1000

MICROSOFT TEAMS

AGENDA

1. Welcome and Opening Remarks	SN
2. Action Log	SN
3. Risk Register	GCPR

4. Infrastructure Update PR

5. Workbook/Project Highlight Report GCPR

6. Senior Management Board Update (Verbal) SN

7. Ongoing Engagement Update AS

8. Any Other Competent Business

9. Date of next meeting - Wednesday 14th September 2022 1400-1500

From: [redacted] @transport.gov.scot>

Sent: 16 August 2022 12:31

To: [redacted] < [redacted] @gov.scot >; [redacted] < [redacted] @gov.scot >

Cc: [redacted] @gov.scot>; [redacted] @transport.gov.scot>

Subject: SFRS Fleet Decarbonisation - Business Case - Budget Transfer

Hi [redacted],

I hope all is well with you.

SFRS have recently submitted a Business Case (that I understand will soon be approved) for financial support to assist with the provision of charging infrastructure for the electric fire appliance. I have recently changed roles and [redacted] (included in this email) is currently dealing with this, so a good time to introduce you to one another! [redacted s.33(1)(b)] and the intention is to pass this across by budget transfer, assuming that this is ok with you? If agreeable, [redacted] will be more than happy to assist in completing the transfer form with you as soon as possible.

Copying [redacted] and [redacted] for sight and information.

Best,

[redacted]
[redacted]Project Manager
Low Carbon Economy Directorate
Transport Scotland
Victoria Quay | Edinburgh | EH6 6QQ
E: [redacted]@transport.gov.scot
T: [redacted]

i. [redacted]

www.transport.gov.scot/missionzero



Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

From: [redacted]

Sent: 31 August 2022 14:34

To: [redacted] < [redacted] @gov.scot >

Cc: [redacted] < [redacted] @gov.scot >; Finance Programme - Justice < Finance Programme Justice @gov.scot >

Subject: FW: SFRS Fleet Decarbonisation - Business Case - Budget Transfer

Hi again [redacted]

There you go all completed.

I've copied in my Justice Finance colleagues for their information.

Regards

[redacted]

Fire and Rescue Unit Safer Communities Division Scottish Government

My weekly work pattern is Tuesday, Wednesday and Thursday. I can be contacted by email.

From: [redacted]<[redacted]@gov.scot>

Sent: 31 August 2022 14:22

To: [redacted]<[redacted]@gov.scot> Cc: [redacted]<[redacted]@gov.scot>

Subject: RE: SFRS Fleet Decarbonisation - Business Case - Budget Transfer

Hi [redacted]

Apologies for just getting back to you on the email chain.

Please see the attached ABR/SFR for you to fill in your bit. Just send it back once you've completed and I will send it on to our finance colleagues to process.

Thanks

[redacted]

[redacted] | Fleets & Infrastructure Delivery Manager | Low Carbon Economy Delivery Team | Transport Scotland | T: 0131 244 4455 | M: [redacted]



Mental Health First Aider

(My working pattern is Monday to Thursday)

From: [redacted]<[redacted]@gov.scot>

Sent: 22 August 2022 09:05

To: [redacted] < [redacted] @ transport.gov.scot >; [redacted] < [redacted] @ gov.scot > ; [redacted] @ transport.gov.scot >

Subject: RE: SFRS Fleet Decarbonisation - Business Case - Budget Transfer

Hi [redacted]

Good to hear from you and hello [redacted]

That's great news and a budget transfer will be great.

[redacted] when you are ready to complete the ABR if do your part and then forward to me, I'll complete my part and send it back to you so you can send it to your relevant finance colleagues for processing. I can let colleagues in Justice Finance know to look out for it coming through.

Regards

[redacted] Fire and Rescue Unit Safer Communities Division Scottish Government

From: [redacted]<[redacted]@transport.gov.scot>

Sent: 16 August 2022 12:31

To: [redacted] < [redacted] @gov.scot>; [redacted] < [redacted] @gov.scot>

Cc: [redacted] @gov.scot>; [redacted] @transport.gov.scot>

Subject: SFRS Fleet Decarbonisation - Business Case - Budget Transfer

Hi [redacted],

I hope all is well with you.

SFRS have recently submitted a Business Case (that I understand will soon be approved) for financial support to assist with the provision of charging infrastructure for the electric fire appliance. I have recently changed roles and [redacted] (included in this email) is currently dealing with this, so a good time to introduce you to one another! [redacted s.33(1)(b)] and the intention is to pass this across by budget transfer, assuming that this is ok with you? If agreeable, [redacted] will be more than happy to assist in completing the transfer form with you as soon as possible.

Copying [redacted] and [redacted] for sight and information.

Best,

[redacted]

[redacted]

Project Manager
Low Carbon Economy Directorate
Transport Scotland
Victoria Quay | Edinburgh | EH6 6QQ
E: [redacted]@transport.gov.scot

T: [redacted]

www.transport.gov.scot/missionzero



Attachment from Email

Titled: SBR SFRS Fleet decarbonisation 22-23

Dated: 31/08/2022

2021-22 Budget Revision - Transfer Request					
Timing of Transfer (ABR / SBR) (dr	op down menu)	Spring Budget Revision			
Please be aware any transfers that involve operating costs must have been discussed with the Operating Costs Team and approved by your Cab Sec (or DG if they refer to corporate running costs). Your Minister / DG should also seek the agreement of Ms Forbes. Evidence of these decisions must accompany these transfers.					
Section 1 - to be completed by the	e budget donor				
Budget transferring out					
Type of transfer out	Ir	ndirect Capital			
		•			
Amount (£000) - minimum transfer value £10k	[red	acted s.33(1)(b)]			
[redacted s. 30(c)]	[redacted s. 30(c)]				
[redacted s. 30(c)]	[redacted s. 30(c)]				
[redacted s. 30(c)]	[redacted s. 30(c)]				
[redacted s. 30(c)]	[redacted s. 30(c)]				
[redacted s. 30(c)]	[redacted s. 30(c)]				
[redacted s. 30(c)]	[redacted s. 30(c)]				
[redacted s. 30(c)]	[redacted s. 30(c)]				
[redacted s. 30(c)]	[redacted s. 30(c)]				
Details of Transfer					
Reason for surrendering budget	Receipt and approval of successful Service to support fleet decarbonis	Business Case from the Scottish Fire and Rescue ation			

Health only - cost centre (drop			
down)			
Health only - Initiator account			
code (drop down)			
[redacted s. 30(c)]	[redacted s. 30(c)]	[redacted s. 30(c)]	[redacted s. 30(c)]
	[redacted s. 30(c)]	[redacted s. 30(c)]	[redacted s. 30(c)]

Once you have completed Section 1 above, please forward to the receiving Division / Portfolio for their input and agreement

Section 2 - to be completed by budget recipient

Budget transferring in			
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]			
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]		
[redacted s. 30(c)]	[redacted s. 30(c)]	[redacted s. 30(c)]	[redacted s. 30(c)]
	[redacted s. 30(c)]	[redacted s. 30(c)]	[redacted s. 30(c)]

Section 3 - Briefing - this section must be completed by the receiving Division

Please provide a concise reason for the transfer and what this change will achieve (outcome). This information will be used to provide press briefing and briefing for the Cabinet Secretary for Finance.

Please provide a very brief summary description of the transfer (max 70 characters)

To install infrastructure tp support fleet decarbonisation across SFRS

Reason for Change

Successful fleet decarbonisation bid, as reviewed and approved August 2022

What will the change achieve? (outcome)

Installation of electric vehicle charging infrastructure and furtherance of fleet decarbonisation work.

Action after completion of sections 1, 2 and 3

Please return this form to the initiating budget manager in Section 1 above and your Directorate / Portfolio Finance Lead

Section 4 - to be completed by Fin	nance	
Request number - Team number		
Transfer number - must match corporate workbook		
Transfer type (drop down)		
Narrative eRDM reference		
Template eRDM reference		

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 12 September 2022 11:50

To: [redacted] < [redacted] @transport.gov.scot>

Subject: Low Carbon Appliance Project Board - Thursday 15th September 2022

Good morning,

Please find attached a copy of the Agenda for the Low Carbon Appliance Project Board on Thursday 15th September 2022.

I have also included the link to the Low Carbon Appliance Project Workbook, all documentation relating to the project is shared within the workbook, Click here to access.

Kind regards

[redacted]

[redacted] | Business Support Officer for Head of Service Delivery - East | East Service Delivery/Newbridge | Scottish Fire and Rescue Service,

E: [redacted]@firescotland.gov.uk

Please note, I am currently working from home.

Working Hours: Mon-Wed 0830-1600, Thu 0830-1645, Fri 0845-1530



E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Email

Titled: Low Carbon Appliance Project Board September agenda

Dated: 12/09/2022

OFFICIAL



LOW CARBON APPLIANCE PROJECT BOARD THURSDAY 15th SEPTEMBER 2022 0900-1000

MICROSOFT TEAMS

AGENDA

1.	Welcome and Opening Remarks	SN
2.	Project Highlight Report	GCPR
3.	Risk Register	GCPR
4.	Action Log	SN
5.	Infrastructure Update	KR/PR
6.	Senior Management Board Update (Verbal)	SN
7.	Ongoing Engagement Update	AS
8.	Any Other Competent Business	
9	Date of next meeting - Wednesday 20th October 1100-1200	

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 13 October 2022 13:07

To: [redacted] @ emergencyone.co.uk>; [redacted] @ swarco.com>; [redacted] < [redacted] @ firescotland.gov.uk>; [redacted] < [redacted] @ firescotland.gov.uk>; [redacted] @ firescotland.gov.u

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@transport.gov.scot> Subject: Low Carbon Appliance Project Board - Thursday 20th October 2022

Good afternoon,

Please find attached a copy of the Agenda for the Low Carbon Appliance Project Board on Thursday 20th October 2022.

I have also included the link to the Low Carbon Appliance Project Workbook, all documentation relating to the project is shared within the workbook, Click here to access.

Kind regards

[redacted]

[redacted] | Business Support Officer for Head of Service Delivery - East | East Service Delivery/Newbridge | Scottish Fire and Rescue Service,

E: [redacted]@firescotland.gov.uk

Please note, I am currently working from home.

Working Hours: Mon-Wed 0830-1600, Thu 0830-1645, Fri 0845-1530



E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosu re, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Email

Titled: Low Carbon Appliance Project Board October Agenda

Dated: 13/10/2022

LOW CARBON APPLIANCE PROJECT BOARD THURSDAY 20th OCTOBER 2022 1100-1200 MICROSOFT TEAMS

AGENDA

- 1. Welcome and Opening Remarks SN
- 2. Project Highlight Report GCPR
- 3. Risk Register GCPR
- 4. Action Log SN
- 5. Infrastructure Update KR/PR
- 6. Vehicle Build Update GCPR
- 7. Senior Management Board Update (Verbal) SN
- 8. Items for Consideration / Decision SN/GCPR
- 9. Ongoing Engagement Update AS
- 10. Any Other Competent Business
- 11. Date of next meeting Thursday 17th November 1400-1500

From: [redacted] < [redacted] @transport.gov.scot>

Sent: 20 October 2022 11:29

To: [redacted] < [redacted] @ transport.gov.scot >

Subject: RE: ZE Fire Appliance

Will do – the money [redacted s.33(1)(b)] (from memory) was agreed, to support 2 chargers and other associated costs at 1 Fire Station. Hopefully this will be discussed at today's meeting, to date there has been a continual part of the meeting to update on progress, so hopefully you should get an update today on developments (fingers crossed!).

Best.

[redacted]

[redacted]

Project Manager
Low Carbon Economy Directorate
Transport Scotland
Victoria Quay | Edinburgh | EH6 6QQ
E: [redacted]@transport.gov.scot
T: [redacted]
www.transport.gov.scot/missionzero



Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

From: [redacted] < [redacted] @transport.gov.scot>

Sent: 20 October 2022 11:05

To: [redacted] < [redacted] @transport.gov.scot>

Subject: RE: ZE Fire Appliance

Sounds good!

Might be an idea to keep me informed on the charging infrastructure funding / work on that. Conscious that they'll see me as the TS rep so will no doubt ask those questions, if that makes sense?

Thanks



From: [redacted]<[redacted]@transport.gov.scot>

Sent: 20 October 2022 10:56

To: [redacted] < [redacted] @ transport.gov.scot >

Subject: RE: ZE Fire Appliance

Thanks [redacted] - pleased to hear, sure it will be a good meeting.

Look forward to hearing more in due course.

Best,

[redacted]

[redacted]

Project Manager
Low Carbon Economy Directorate
Transport Scotland
Victoria Quay | Edinburgh | EH6 6QQ
E: [redacted]@transport.gov.scot
T: [redacted]
www.transport.gov.scot/missionzero



Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

From: [redacted]<[redacted]@transport.gov.scot>

Sent: 20 October 2022 10:52

To: [redacted] < [redacted] @transport.gov.scot>

Subject: RE: ZE Fire Appliance

Hi [redacted],

Thanks for checking in – I am happy to say I have the invite for today's meeting so should all be good from now on in attending them (I hope).

That's definitely understandable so will keep you in the loop!

Thanks

CÒMHDHAIL ALBA



From: [redacted] < [redacted]@transport.gov.scot>

Sent: 20 October 2022 10:50

To: [redacted] < [redacted] @ transport.gov.scot >

Subject: ZE Fire Appliance

Hi [redacted],

Hope all is well with you.

I just wanted to check that you have got the invite for today's meeting with SFRS (hopefully all sorted out now)? If so do you plan to attend?

It is getting more difficult for me to the make these meetings especially with my change in role, so I will likely bow out – but would like to keep close to the launch event detail and look forward to attending whenever that may be, so please keep me in mind and up to speed.

Best.

[redacted]

[redacted]

Project Manager
Low Carbon Economy Directorate
Transport Scotland
Victoria Quay | Edinburgh | EH6 6QQ
E: [redacted]@transport.gov.scot
T: [redacted]
www.transport.gov.scot/missionzero



Transport Scotland, the national transport agency Còmhdhail Alba, buidheann nàiseanta na còmhdhail

From: [redacted]<[redacted]@firescotland.gov.uk>

Sent: 25 October 2022 14:31

To: [redacted] < [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ emergencyone.co.uk >; [redacted]

<[redacted]@swarco.com>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted] < [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ firescotland.gov.uk >;

[redacted] @firescotland.gov.uk >; [redacted] @firescotland.gov.uk >;

[redacted]@firescotland.gov.uk>: [redacted]@firescotland.gov.uk>:

[redacted]<[redacted]@gov.scot>; [redacted]<[redacted]@scotent.co.uk>;

[redacted]<[redacted]@transport.gov.scot>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted]<[redacted]@firescotland.gov.uk>; [redacted]<[redacted]@firescotland.gov.uk>;

[redacted] < [redacted] @ firescotland.gov.uk >; [redacted] < [redacted] @ firescotland.gov.uk >;

[redacted] < [redacted] @ transport.gov.scot >; [redacted] @ swarco.com' < [redacted] @ swarco.com >

Subject: SWARCO Low Carbon Appliance Project plan

Good afternoon,

Please find attached the SWARCO Project Plan for the Low Carbon Appliance.

Many thanks

[redacted]

[redacted] | Business Support Officer for Head of Service Delivery - East | East Service Delivery/Newbridge | Scottish Fire and Rescue Service,

E: [redacted]@firescotland.gov.uk

Please note, I am currently working from home.

Working Hours: Mon-Wed 0830-1600, Thu 0830-1645, Fri 0845-1530



E-mail confidentiality notice

The information contained in this message is confidential and intended for the addressee only. The unauthorised use, disclosure, copying or alteration of this message is prohibited. If you have received this e-mail in error, please reply to the sender immediately and delete the message.

Attachment from Email
Titled: Low carbon appliance charging project plan
[redacted s.33(1)(b)]