

Climate Adaptation Research and Innovation Board
SUMMARY MINUTES
15/05/2023

Attendees

(Only Senior Civil Servants named)

Board members and alternates: **Gideon Henderson**, Defra Chief Scientific Adviser and Chair; **Sarah Sharples**, DfT Chief Scientific Adviser; **Stephen Belcher**, Met Office Chief Scientific Adviser; **Duncan Wingham**, UKRI NERC Executive Chair; **Glenn Watts**, Environment Agency Deputy Director of Research; **Charlotte Watts**, FCDO Chief Scientific Adviser; **Richard Prager**, DLUHC Chief Scientific Adviser

Devolved Administration: **Rob Hoyle**, Welsh Government; **Mathew Williams**, Scottish Government; **Alistair Carson**, Northern Ireland Executive.

Independent members: **Jim Hall**, OUCE; **Rowan Douglas**, Willis Towers Watson.

Observers: **Simon Whitfield**, Government Office for Science

Summary

Item 1: Welcome, introduction, review of actions

- The Chair welcomed all to the meeting and asked new members to introduce themselves.

Item 2: CARIF Draft Update

- The board reviewed an outline of the CARIF document and assessed progress against a draft timeline of publication. A discussion around ensuring engagement with CARIF across government. The board offered up their views on the content of the CARIF.

Item 3: UKRI potential adaptation programme

- The previous UKCR programme has drawn to a close and there needs to be continuation in this space. A new adaptation programme is being scoped by UKRI and Defra.

AOB:

- Two governmental departments expressed an interest in joining the board. The group accepted this proposal.

Climate Adaptation Research and Innovation Board
SUMMARY MINUTES
25/10/2023

Attendees

(Only Senior Civil Servants named)

Board members and alternates: **Dame Angela McLean**, Government Chief Scientific Adviser and Chair; **Gideon Henderson**, Defra CSA and Co-Chair; **Sarah Sharples**, DfT CSA; **Stephen Belcher**, Met Office CSA; **Richard Prager**, DHLUC CSA; **Dave Smith**, National Technology Adviser; **Charlotte Watts**, FCDO CSA; **Moniz Savio**, DESNZ; **Matthew Clarke**, Deputy Director Cabinet Office.

Devolved Administration: **Alistair Carson**, Northern Ireland Executive.

Independent members: **Jim Hall**, OUCE

Observers: **Simon Whitfield**, Deputy Director GO-Science

Item 1: Welcome, introduction, review of actions

- The Chairs welcomed attendees and opened the meeting.

Item 2: Reframing the Climate Adaptation Research Innovation Framework (CARIF)

- Defra gave a presentation on risk ownership of climate adaptation across Government.
- Board members agreed that CARIF needs to be mission driven and establish clear research objectives across all departments.

Item 3: Cabinet Secretaries Foresight Group (CSFG) Adaptation

- Board members agreed that the purpose of CSFG is to embed long term foresight thinking across government on cross cutting issues and discuss strategic direction for government
- Board members noted that there is a need for consistent scenarios to be used when looking at various risks and adaptation challenges

AOB:

- None raised

Climate Adaptation Research and Innovation Board
SUMMARY MINUTES
19/12/2023

Attendees

(Only Senior Civil Servants named)

Board members and alternates: Dame Angela McLean, Government Chief Scientific Adviser and Chair; Gideon Henderson, Defra CSA and Co-Chair; Paul Monks, DESNZ CSA; Dave Smith, National Technology Adviser; Charlotte Watts, FCDO CSA; Stephen Belcher, Met Office CSA; Richard Prager, DHLUC CSA; Robert Bradburne, Environment Agency CSA; Robert Mason, Defra Deputy Director; Hugh Stickland, MOJ CSA; Mark Toal, Deputy Director, DHSC; Anna Angus-Smyth, UKRI NERC; Enrique Cadenas, MOJ Deputy CSA; Annette Pass, DfT, Deputy CSA.

Devolved Administration: Robert Hoyle, Welsh Government; Matthew Williams, Scottish Government; Alistair Carson, Northern Ireland Executive.

Independent members: None

Observers: Simon Whitfield, GO-Science

Item 1: Welcome, introduction, review of actions

- The Chairs welcomed attendees and opened the meeting.

Item 2: Next steps for Centralised Climate Service

- Met Office gave a presentation on National Framework for Climate Services.
- Board members discussed potential for a centralised climate service supporting measurement of adaptation progress.

Item 3: Update on CARIF commission and SR bid co-ordination

- Defra gave a presentation to update the Board members on the CARIF commission.
- Board members agreed that the purpose of CARIF should be to encourage departments to draw out their research priorities for climate adaptation and reflect this in cross-departmentally aligned SR bids where possible.

AOB:

- None were raised.

Climate Adaptation Research and Innovation Board
SUMMARY MINUTES
14/02/2024

Attendees

(Only Senior Civil Servants named)

Board members and alternates: **Dame Angela McLean**, Government Chief Scientific Adviser and Chair; **Gideon Henderson**, Defra CSA and Co-Chair; **Paul Monks**, DESNZ CSA; **Dave Smith**, National Technology Adviser; **Charlotte Watts**, FCDO CSA; **Stephen Belcher**, Met Office CSA; **Richard Prager**, DHLUC CSA; **Robert Bradburne**, Environment Agency CSA; **Robert Mason**, Defra Deputy Director; **Hugh Stickland**, MOJ CSA; **Mark Toal**, DHSC Deputy Director; **Peter Liss**, UKRI NERC Executive Chair.

Devolved Administration: **Robert Hoyle**, Welsh Government; **Matthew Williams**, Scottish Government; **Alistair Carson**, Northern Ireland Executive.

Independent members: None

Observers: **Simon Whitfield**, Deputy Director, GO-Science

Item 1: Welcome, introduction, review of actions

- The Chairs welcomed attendees and opened the meeting.

Item 2: CARIF draft timeline

- DEFRA presented options for the next steps for the Climate Adaptation Research and Innovation Framework (CARIF)
- The Board noted and approved that CARIF should focus on domestic adaptation R&I, including international components where risks are relevant to the UK

Item 3: Geospatial commission and limitations in accessing and using data

- The Board members recognised that geospatial information and analysis are critical for adaptation research and innovation (R&I) policy and delivery

Item 4: CARIB forward look

- CARIB Secretariat requested that each department present an adaptation R&I activity at future CARIB meetings

AOB

- Board co-chair noted that there were no private sector attendees present and that there was a need for private sector re-engagement

Climate Adaptation Research and Innovation Board
SUMMARY MINUTES
04/06/2024

Attendees

(Only Senior Civil Servants named)

Board members and alternates: **Dame Angela McLean**, Government Chief Scientific Adviser and Chair; **Gideon Henderson**, Defra CSA and Co-Chair; **Paul Monks**, DESNZ CSA; **Sarah Sharples**, DfT CSA; **Tim Kay**, DBT Deputy CSA; **James Clare**, MOD Director; **Stephen Belcher**, Met Office CSA; **Richard Prager**, DHLUC CSA; **Marianne Ainsworth-Smith**, Cabinet Office Deputy Director; **Glenn Watts**, Environment Agency CSA; **Enrique Cadenas**, MOJ Deputy CSA; **Mark Toal**, DHSC Deputy Director; **Louise Heathwaite**, UKRI NERC Executive Chair;

Devolved Administration: **Robert Hoyle**, Welsh Government; **Sallie Bailey**, Scottish Government; **Alistair Carson**, Northern Ireland Executive.

Independent members: **Jim Hall**, OUCE; **Rowan Douglas**, Howden group.

Item 1: Welcome, introduction, review of actions

- The Chairs welcomed attendees and opened the meeting.

Item 2: DEFRA Engagement Workshops

- DEFRA presented an example outcome of how Government departments should identify and prioritise R&I adaptation needs for the next spending review.

Item 3: Structure for Internal Engagement Workshops and Data Representation.

- Board members noted that it would be useful to develop a set of common assumptions for climate scenarios and stress testing as there is currently no common data set for departments to use.

Item 4: DESNZ Engagement Workshop

- Postponed to next meeting.

AOB:

- The Board approved plans to set up a working level group for CARIB.

**Climate Adaptation Research and Innovation Board
SUMMARY MINUTES
30/09/2024**

Attendees

(Only Senior Civil Servants named)

Board members and alternates: Dame Angela McLean, Government Chief Scientific Adviser and Chair; Gideon Henderson, Defra CSA and Co-Chair; Paul Monks, DESNZ CSA; Stephen Belcher, Met Office CSA; Richard Prager, MHCLG CSA; Robert Bradburne, Environment Agency CSA; Enrique Cadenas, MOJ Deputy CSA; Russel Viner, DfE CSA; Chris Johnson, DSIT CSA; Mark Toal, DHSC Deputy Director; Kate Hamer, Associate Director UKRI NERC; Rosalind West, Senior Climate Science Adviser FCDO; Rhona Glazer-Munck, Deputy Director DBT.

Devolved Administration: Robert Hoyle, Welsh Government; Matthew Williams, Scottish Government; John Early, Northern Ireland Executive.

Independent members: Jim Hall, OUCE; Rowan Douglas, Howden group.

Observers: Simon Whitfield, Deputy Director GO-Science; Lee Davies, Deputy Director Defra

Item 1: Welcome, introduction, review of actions

- The Chairs welcomed attendees and opened the meeting.

Item 2: Updates on new administration

- Defra outlined areas of opportunities of engagement with new administration on climate adaptation.
- The Board noted that it was necessary to address the intersection between climate change adaptation and mitigation.

Item 3: Timeline for CARIF

- The Board noted that the Climate Adaptation Research and Innovation Framework (CARIF) would be published in January 2025.

Item 4: Presentation of CARIF workshop returns and areas of research overlap

- Defra presented areas of overlapping adaptation research interests between Government departments to the Board.
- The Board noted that research insights on climate change risks should be shared with other Board members irrespective of which government department was responsible for the risk.

A.O.B

- None were raised.

Climate Adaptation Research and Innovation Board
SUMMARY MINUTES
03/12/2024

Attendees

(Only Senior Civil Servants named)

Board members and alternates: **Dame Angela McLean**, Government Chief Scientific Adviser and Chair; **Gideon Henderson**, Defra CSA and Co-Chair; **Richard Prager**, MHCLG CSA; **Robert Bradburne**, Environment Agency CSA; **Charlotte Watts**, FCDO CSA; **Enrique Cadenas**, MOJ Deputy CSA; **Mariam Orme**, DfE Deputy CSA; **Mark Toal**, DHSC Deputy Director; **Matthew Clarke**, Cabinet Office Deputy Director.

Devolved Administration: **Jas Pal Badyal**, Welsh Government

Independent members: **Jim Hall**, OUCE; **Rowan Douglas**, Howden group.

Observers: **Simon Whitfield**, Deputy Director GO-Science; **Lee Davies**, Deputy Director Defra

Item 1: Welcome, introduction, review of actions

- The Chairs welcomed attendees and opened the meeting.

Item 2: CSA roundtables on Spending Review (SR) updates

- The GCSA noted that the findings of the climate adaptation SR roundtable will be used to feedback strategic advice on climate adaptation R&I SR prioritisation
- Board members highlighted the importance of understanding how climate resilience and adaptation can feed into existing missions across government
- Board members also noted the increasing demand for climate information.

Item 3: CARIF draft feedback review

- Board members shared their feedback and comments on CARIF draft.
- CARIB secretariat to circulate latest draft of CARIF Chapter 3 at the start of January 2025.

A.O.B

- Board members were urged to share any additional feedback and comment via email to the CARIB Secretariat.

**Climate Adaptation Research and Innovation Board
SUMMARY MINUTES
09/04/2025**

Attendees

(Only Senior Civil Servants named)

Board members and alternates:

Dame Angela McLean, Government Chief Scientific Adviser and Chair; **Gideon Henderson**, Defra CSA and Co-Chair; **Paul Monks**, DESNZ CSA; **Stephen Belcher**, Met Office CSA; **Richard Prager**, DHLUC CSA; **Sarah Sharples**, DfT CSA; **Lucy Chappell**, DHSC CSA; **Carl von Reibnitz** (represented by **Enrique Cadenas**), MoJ Deputy CSA; **James Clare** (represented by **Quentin Dawson**), MOD CSA; **Russell Viner** (represented by **Mariam Orme**), DfE CSA; **Chris Johnson**, DSIT CSA; **Charlotte Watts**, FCDO CSA; **Julia Sutcliffe**, DBT CSA.

Devolved Administrations:

Robert Hoyle, Welsh Government; **Matthew Williams**, Scottish Government; **Alistair Carson**, Northern Ireland Executive.

Independent members:

Jim Hall, University of Oxford; **Louise Heathwaite**, UKRI NERC Executive Chair; **Rowan Douglas**, Private Sector Representative.

Observers:

Simon Whitfield, Deputy Director GO-Science; **Lee Davies**, Deputy Director Defra

Item 1: Welcome, introduction, review of actions

- The Chair welcomed attendees and opened the meeting.

Item 2: CARIF publication and stakeholder engagement

- GO-Science outlined current engagement and communication efforts surrounding CARIF.
- The Board noted the importance of visibility among senior officials and Ministers across departments.

Item 3: Spending Review (SR) updates and CARIF delivery plan

- Co-Chair provided an update on the SR process and internal alignment of adaptation R&D submissions across departments.
- The Board acknowledged challenges around the consistent definition of "adaptation R&D" and the relatively low funding asks in this area.
- Discussion emphasised the need for a coherent, cross-government narrative.

Item 4: Future of CARIB

- The Board reaffirmed the importance of CARIB's continued function post-CARIF publication.
- Members agreed the Terms of Reference should be updated to reflect a broader remit, including implementation, cross-border risks, and alignment of departmental research budgets.
- The value of joint working with the Climate Resilience Steering Board (CRSB) was discussed.

Item 5: AOB

- No other business was raised.