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Meeting of the

**Expert Group Climate Change Adaptation (EG-C 9)**

19 May 2021

Online meeting

1. **Opening of the Meeting and adoption of the Agenda**

The meeting was opened by the chairperson Robert Zijlstra at 15:30 on 19 May 2021 by MS Teams.

Robert Zijlstra welcomed the group and announced Barbara Engels and Soledad Luna (CWSS) as guests of the meeting for agenda item 3. A list of participants is at Annex 1. Jacobus Hofstede entered for agenda item 6.

The EG-C **adopted** the draft agenda of the meeting (Annex 2).

1. **Adoption of the draft summary record**

*Document: EG-C9-2-SR-EG-C8*

The group reviewed the list of action items, of which actions have been taken, or are part of this agenda i.e., action item 1 *Prepare a trilateral documentation on what kind climate related monitoring is being performed on regional level*, 3 *Discuss implications on EG-C work upon availability of the second workshop CVI report* , 6, *Discuss updated versions of EG-C related SIMP document up at the next EG-C meeting* 7 *Update of the work plan* and 9 *Recommend to TG-MA/QSR editorial board taking up climate change effects on a “smaller scale” in each QSR thematic report in future*. Agenda item 3 *Discuss implications on EG-C work upon availability of the second workshop CVI report* will be tackled in the next meeting. Two action items are planned for a later time of this year: EG-C 7/5 *Hand in workshop reports, on OUV vulnerability and Community Vulnerability, as well as recommendations to the Wadden Sea Board (WSB) in November 2021* and *Summarise CVI main conclusion and turn those to recommendations for the next trilateral working period/review the Climate Change Adaptation Strategy (CCAS) and to communicate results*

The EG-C **noted** the information and **adopted** the draft summary record of EG-C8

1. **Announcements**

*Document: EG-C8-3-Announcements*

**Lower Saxony, Schleswig-Holstein, WWF**

No announcements

**Denmark**

Two pilot projects for sea level rise and impacts on salt marshes (coastal squeeze) and biodiversity are planned in the municipalities Varde and Esbjerg. This will include an inventory of climate effects.

**WSF**

A consortium consisting of the Wadden Sea Forum, the Federal Waterways Engineering and Research Institute (BAW) and two SME’s has submitted a big data project proposal on sediment, geomorphology and hydrodynamic data in the trilateral Wadden Sea. It is a two-step approval, which is submitted to a national call of mFUND-Programme.

**Netherlands**

* The Dutch Research Council (NWO) together with the Dutch Ministry of Agriculture and Nature (lead partner) is working on a call for funding research on the ecological effects of climate change in the Wadden Sea. This fits within the research lines of Trilateral Research Agenda (4 million EUR). The idea is to involve trilateral partners, first talks have been held with the TPC. The programme should be launched during the international symposium in November 2021;
* The Dutch Waddenacademy has published a position paper on climate change effects on the ecosystem. <https://www.waddenacademie.nl/organisatie/publicatie-lijst/publicatie-detail/klimaatverandering-en-ecologie>

**CWSS**

* CWSS organizes a session ‘International perspectives: benefits of transnational cooperation in the face of climate change’ at the ISWSS. The CVI will be presented by Scott Heron in an oral presentation “Assessing climate vulnerability in World Heritage sites using the CVI”.
* Next Wadden Sea Board meetings are planned:

WSB 33.  27 August 2021, in Wilhelmshaven (hopefully live meeting, back-to-back with the Wadden Sea Day the day before)

WSB 34.  18 November 2021. *Planned to be held in Esbjerg. Due to elections Esbjerg cannot host this meeting. Germany is looking now for alternative hosting*.

WSB 35.  10 March 2022.  Netherlands offered to host this meeting.

WSB 36.  26 August 2022 in Wilhelmshaven, again back-to-back with Wadden Sea Day.

WSB 37.  Optional Sept 2022 (no date fixed yet, pending also on the progress made in August meeting of WSB)

WSB 38.  6 October 2022.  Denmark offered to host this meeting

WSB 39. 29 /30 November, Wilhelmshaven, day before Ministerial Council, Wilhelmshaven

* 5th European Climate Change Adaptation Conference (ECCA 2021) takes place from 25 May to 22 June 2021. A series of 9 webinars is organised from 25 May to 10 June 2021 https://www.ecca21.eu/
* Programma Rijke Waddenzee is planning a third webinar on 18 June 2021 and excursions “Towards a Wadden Sea Sediment solutions”

Robert Zijlstra announced the Dutch nomination of Esther Kuppen (Waddenvereniging) for EG-C.

The group **noted** the information and welcomed Esther Kuppen in joining the group

1. **Building with Nature (BwN) Interreg project**

[post meeting information] The Building with Nature end meet will be held online 27 May 2021.

The group **noted** the information.

1. **Climate Change Vulnerability Index (CVI)**

[post meeting information] The first version of the draft Climate Vulnerability Index (CVI) Community vulnerability workshop held online 0n 16 – 17 February 2021 has been shared by the CVI developer Scott Heron. Discussion within EG-C on implications on EG-C work will be taken up upon availability of the second workshop report (see agenda item 9, next meeting).

The group **noted** the information.

1. **Single Integrated Management Plan (SIMP)**

*Documents: EG-C8-6-1-SIMP, EG-C8-6-2-draft legal framework coastal protection*

* 1. **Climate change**

Robert Zijlstra welcomed Barbara Engels, chair Task Group World Heritage (TG-WH) and Soledad Luna, single integrated management plan (SIMP) project officer as guests to the meeting. Barbara Engels introduced the SIMP as one of the key priorities in the German presidency with introductory slides (see Annex 4). She welcomed additions of EG-C to the draft chapter of climate change, in particular proposals for management activities. She added that the World Heritage Convention will adopt a climate change policy document presumably in July 2021, which may contain useful information and recommendations [Post meeting: the document has been published. Adoption is not expected before November 2021 <http://whc.unesco.org/archive/2021/whc21-44com-7C-en.pdf>]. Soledad Luna presented examples from workshops with site managers on proposals for management activities regarding the SIMP key topic coastal protection. These include *develop/identify nature friendly protective measures, develop a joint connectivity concept, develop a joint ecosystem-based coastal protection strategy, knowledge exchange: best practices and pilot projects* see Annex 4).

Jannes Fröhlich pointed towards an overlap of proposals for management activities, e.g., with the examples for coastal protection, which are also valid for climate change adaptation.

Robert Zijlstra reminded to also consider positive effects of impact.

The group **thanked** Barbara Engels and Soledad Luna for the clear presentation and **agreed** to send proposals for management activities climate change to the entire group (EG-C and CWSS) until 27 May 2021. CWSS will then collate information for TG-WH until 1 June 2021. The group **noted** that proposals that are valid for more than one topic will be sorted by CWSS.

**6.2 coastal protection**

Soledad Luna informed that Ingrid van Beek (LNV/PRW) has been contracted to establish a matrix on the impact of coastal protection activities as outlined by EG-C at EG-C 8 on the 10 key values of the OUV. When completed, the impact assessment for all key topics of the SIMP will be integrated and presented in the SIMP document and/or the SIMP online microsite. A first version by Ingrid van Beek will be shared with EG-C by the end of May in an email consultation for enrichment and agreement.

The group **noted** the information.

1. **Work Plan**

This item has not been discussed due to lack of time.

1. **Quality Status Report & Trilateral Monitoring and Assessment Programme (TMAP)**

At EG-C 6 EG-C had agreed that a subgroup consisting of Robert Zijlstra, Jacobus Hofstede, Claus von Hoerschelmann and Jannes Fröhlich will start with recommendations for a new Trilateral Monitoring and Assessment Programme (TMAP). At EG-C 8, the group had decided to start with an inventory of on-going national climate monitoring in the field of climate change adaptation. Robert Zijlstra announced that due to time constraints he will not be able to lead this process.

Julia Busch reminded that TMAP supports an assessment of the targets in the Wadden Sea Plan 2010 (WSP) and thereby the respective Quality Status Report (QSR) thematic reports. Climate change is treated as overarching topic in the WSP. As it had been suggested to tackle the next QSR thematic report on climate change on the system level (and to recommend taking up climate change effects on a “smaller scale” in each QSR thematic report in future, see summary record EG-C 8), she suggested to also envisage the system level for TMAP recommendations, starting with a collection of existing national programmes as planned. Also, the climate stressors (e.g., as identified in the Climate Vulnerability Index) sea level rise, temperature and extreme heat events may be considered. Mr. Hofstede stressed out that it is important to have a clear idea of what the purpose of the update of TMAP Climate monitoring in order to work efficiently given the limited time available within this group.

Robert Zijlstra informed that authors of the climate thematic report of the QSR will be asked to also come up with recommendations for climate monitoring gaps.

The group **noted** the information and **agreed** that Claus von Hoerschelmann will contact the chair of TG-MA to inquire more detailed information on what is expected from EG-C and on the possibility to use the QSR climate change as recommendation for TG-MA.

[post meeting information]. The process of updating the QSR has started, but is not running smoothly yet and is behind schedule. During a first meeting with the lead authors it was discussed how to. The first step is to develop a draft table of contents, and check which parts need updates and what needs to be added. The lead authors indicated that a lot of information is available from several recent publications, so double work should be prevented. It will be challenging to deliver the paper before the international conference.

1. **Any other business and next meeting**

There was no other business.

EG-C agreed to informally meet on 30 June 2021, in the afternoon 15:00 – 16:00 to discuss the CVI draft presentation Robert Zijlstra is preparing for the Wadden Sea Board 33 meeting.

The group **noted** the information and agreed to receiving written information to note on untreated agenda items in the summary record.

1. **Closing**

The Chairperson closed the meeting 17:00 hours on 19 May 2021. and thanked participants for a fruitful discussion.

**ANNEX 1: List of participants**

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9th Meeting of the

**Expert Group Climate Change Adaptation (EG-C 9)**

19 May 2021

Online meeting

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chair** | | | | |
| **Mr Robert Zijlstra**  Ministry of Infrastructure and Water Management  Noord Nederland  Leeuwarden  phone: +31 (0) 6 224 818 36  EMail: [robert.zijlstra@rws.nl](mailto:robert.zijlstra@rws.nl) | | | | |
| **Denmark** | | | | |
| **Mr Thomas Larsen**  Ministry of Environment  Danish Coastal Authority  Højbovej 1, DK - 7620 Lemvig  phone: +45 99 63 63 63  EMail: [tla@kyst.dk](mailto:tla@kyst.dk) | | **Mr Klaus Bertram Fries**  Varde Municipality  Bytoften 2 , DK - 6800 Varde  phone: +45 (0) 79 94 71 10  EMail: [klbf@varde.dk](mailto:klbf@varde.dk) | | |
| **Germany (Hamburg, Lower Saxony, Schleswig-Holstein)** | | | | |
| **Mr Claus von Hoerschelmann**  Schleswig-Holstein Agency for Coastal Defense, National Park and Marine Conservation  National Park Authority Schleswig-Holstein Nationalpark-Zentrum Multimar Wattforum Dithmarscher Straße 6a 25832 Tönning  Phone +49 (0)4861 9620-15  EMail: [Claus.vonHoerschelmann@lkn.landsh.de](mailto:Claus.vonHoerschelmann@lkn.landsh.de) | | **Mr Jacobus Hofstede**  Ministry of Energy, Agriculture, the Environment, Nature and Digitalization Schleswig Holstein,  Mercatorstraße 3, D-24106 Kiel  Postfach 71 51, D-24171 Kiel  Phone: +49(0) 431 988 4984  Mobile: +49 160 5350219  E-Mail: [jacobus.hofstede@mlur.landsh.de](mailto:jacobus.hofstede@mlur.landsh.de) | | |
| **Mr Andreas Wurpts**  NLWKN, Coastal Research Station Norderney/  An der Mühle 5  26548 Norderney  Phone: +49(0) 4932/916-121  Mob. +49 1711201875  EMail: [Andreas.Wurpts@nlwkn-ny.niedersachsen.de](mailto:Andreas.Wurpts@nlwkn-ny.niedersachsen.de) | |  | | |
| **Netherlands** | | | | |
| **Mr Saa Kabuta**  Ministry of Infrastructure and Water Management  Directorate of Water Affairs  Postbus 61  NL 8200 AB Lelystad  phone: +31 (0)6 29 38 23 19  E-Mail: [saahenry.kabuta@rws.nl](mailto:saahenry.kabuta@rws.nl) | |  | | |
| **Participants from advisors to WSB and external experts** | | | |
| **Mr Jannes Fröhlich**  WWF, Wadden Sea Office  Hafenstraße 3  D - 25813 Husum  phone: +49 (0)4841 66 85 58  mobile: +49 (0)151 18854818  [jannes.froehlich@wwf.de](mailto:jannes.froehlich@wwf.de) | | **Mr Frank Ahlhorn**  Wadden Sea Forum (WSF)  Virchowstr. 1  D - -26382 Wilhelmshaven  phone +49 (0)4421 9108-18  mobile: +49 (0)151 12158443  E-Mail: [ahlhorn@waddensea-forum.org](mailto:ahlhorn@waddensea-forum.org) | |
| **Secretary** |  | | | |
| **Ms Julia A Busch**  Common Wadden Sea Secretariat | | |  | |
| **Guests** | | |  | |
| **Ms Soledad Luna**  Common Wadden Sea Secretariat | | | **Ms Barbara Engels**  Federal Agency for Nature Conservation (BfN)  Konstantinstr. 110  D-53179 Bonn  Phone.: + 49-(0)228-8491-17800  Mobile: +49 (0)171 7170104  barbara.engels@bfn.de | |

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Description automatically generated with medium confidence**ANNEX 2: Final agenda**

FINAL AGENDA

**Expert group Climate Change Adaptation**

**(EG-C 9)**

19 May 2021

Online meeting

1. **Opening of the Meeting and adoption of the Agenda**

The meeting will be opened by the Chairperson at 14:30 on 19 May 2021.

Proposal: Adopt the draft agenda of the meeting

1. **Adoption of the draft summary record**

Document: EG-C9-2-SR-EG-C8

Proposal: Adopt the draft Summary Record of EG-C 8

1. **Announcements**

Meeting participants are invited to hand in their information to the CWSS until 18 May 2021. Individual announcements will not be repeated, but time given for questions [all].

Proposal: Note the information

1. **Interreg Building with Nature**

Information on Building with Nature Interreg project [Julia]

Proposal: Note the information

1. **Climate Vulnerability Index (CVI)**

Information on CVI 2 Workshop community vulnerability. [Robert, Julia].

Proposal: Note the information and discuss implications of CVI process for work of EG-C. Decide on next steps, including recommendations for the WSB.

1. **Single Integrated Management Plan (SIMP)**

*Document: EG-C9-6-SIMP*

Guests: Barbara Engels, chair TG-WH, Soledad Luna, SIMP project officer

Review and discuss the draft “Climate change vulnerability and adaptation” section for the SIMP, in particular proposals for management activities [Barbara, Soledad, Julia].

Inform the meeting on the progress regarding the “Assessment of (potential) conflicts of coastal flood defence and protection activities on the OUV” [Soledad, Julia].

Proposal: Review and agree on text and submit to TG-WH to integrate in the SIMP

1. **Work plan**

*Document: EG-C9-7-work plan*

Review EG-C work plan as living document [Robert]

Proposal: Amend work plan as appropriate (as living document), review progress and plan activities in 2021

1. **Trilateral Monitoring and Assessment Programme (TMAP) & Quality Status Report (QSR)**

Inform on progress in TMAP & QSR [Robert].

Proposal: Note the information

1. **Any Other Business and next meeting**

Discuss any other business and next meeting.

1. **Closing**

The meeting will be closed no later than 17:00 hours on 19 May 2021.

**ANNEX 3: Action items arising from EG-C 9**

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**Expert Group Climate Change Adaptation**

**(EG-C 9)**

19 May 2021

Online meeting

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Action #** | **Agenda item** | **Actions agreed upon** | **Person responsible** | **Deadline** |
| 1 | 4.1 | Send proposals for management activities climate change to the entire group (EG-C and CWSS). CWSS will then collate information for TG-WH until 1 June 2021. | all | 2021-05-27 |
| 2 | 4.2 | Share matrix with draft assessment of coastal protection activities impacts on the Outstanding Universal Value key values with EG-C, following an email consultation. | CWSS | End of May |
| 3 | 8 | Contact the chair of TG-MA to inquire more detailed information on what is expected from EG-C and on the possibility to use the QSR climate change as recommendation for TG-MA. | Claus |  |
| REVIOUS MEETINGS | | | | |
| 9/1 | 9/2 | Prepare a trilateral documentation on what kind climate related monitoring is being performed on regional level. | all | ? |
| 9/3 | 9/5 | Discuss implications on EG-C work upon availability of the second workshop CVI report. | all | 2021-05-19 |
| 9/7 | 9/7 | Update of the work plan | all | Next meeting |
| 9/9 | 9/8 | Recommend to TG-MA/QSR editorial board taking up climate change effects on a “smaller scale” in each QSR thematic report in future. | CWSS | ASAP |
|  | EG-C7/5 | Hand in workshop reports, on OUV vulnerability and Community Vulnerability, as well as recommendations to the Wadden Sea Board (WSB) in November 2021 | all | 2021-10 (for WSB November 21) |
|  | EG-C7/5 | Summarise CVI main conclusion and turn those to recommendations for the next trilateral working period/review the Climate Change Adaptation Strategy (CCAS) and to communicate results | all | 2021-10 (for WSB November 21) |

**ANNEX 4: SIMP introductory slides and examples of proposals for management from the site managers for the key topic coastal protection**

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