**H2020 - Research and Innovation Action**

**Advanced prediction in Polar regions and beyond**

Advanced Prediction in Polar regions and beyond: Modelling, observing system design and LInkages associated with a Changing Arctic climaTE

Grant Agreement No: 727862

Deliverable No. 7.2

# Communication and Dissemination Plan

# Submission of Deliverable

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| | ☐ 13 – AP    x 14 – UiT    ☐ 15 - IORAS |
| | ☐ 16 - MGO |
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# Table of Contents

# EXECUTIVE SUMMARY

The main objective of the APPLICATE project is to develop enhanced predictive capacity for weather and climate in the Arctic and beyond, and to determine the influence of Arctic climate change on the Northern Hemisphere.

WP7 integrates three main areas of action: communication and dissemination of the project results, user engagement and training.  All the activities will be carefully targeted to different groups of potential audiences (e.g. research community, EU projects, general public) and stakeholders.

The objectives of the project's communication and dissemination activities are to increase the awareness about the impact of Arctic changes on the weather and climate of the Northern Hemisphere. This will be achieved by the development of relevant forms of communication within and outside the EU to adequately disseminate results that could be used for either policy or socioeconomic actions and maximising exposure of the science produced and project results to end-users, stakeholders and the public at large.

The communication and dissemination plan provides the framework for the development of this task during the project period, identifying and detailing target audiences, communication tools and channels, key messages and practical information.

This plan will be revised and updated during the project lifetime in time for the project periodic reports.

# 1. INTRODUCTION

## 1.1. Background and motivation

The APPLICATE project aims at improving our predictive capacity in the Arctic and at investigating linkages with the northern mid-latitudes. The project also aims at effectively communicating the impacts of Arctic environmental changes to end-users of scientific results. Communication, dissemination, user-engagement, knowledge transfer and training represent a critical component of the project activities. APPLICATE's communication strategy covers all WPs, but it is specifically addressed in WP7: User engagement, dissemination and training. All APPLICATE partners have a solid track record of disseminating project results and pro-actively engaging users and stakeholders. APPLICATE will actively build upon the outreach activities of related national, European and international Arctic initiatives.

Communication and dissemination is an essential part of APPLICATE project.  The main objective is to establish and maintain an effective dialogue with a network of key stakeholders in order to provide active information on the projects objectives and results as well as obtaining regular stakeholder feedback to help and improve weather and climate modelling and forecasting.

All the communication and dissemination activities will be carefully targeted to different groups of potential audiences (e.g. research community, EU projects, general public) and stakeholders defined as key (business and governmental stakeholders in the Arctic within and outside the EU), primary (meteorological and climate national services, NGOs or local communities) and secondary stakeholders (business stakeholders from mid-latitudes). The interaction with this wide range of stakeholders, apart from the main projects communication tools, will be also fostered by involvement and contact of APPLICATE partners with many of them through their networks, issuing of factsheets and policy briefings.

The purpose of this Communications and Dissemination Plan (CDP) is to define the communication and dissemination requirements for the project and how information will be distributed to the project stakeholders within the project and outside.  The CDP is complementary to the User Engagement Plan (D7.3), the Training Plan (D7.4) and the Clustering Plan (D8.3) and defines communication requirements for all project stakeholders, the information that will be communicated, the modality and timing, who is responsible for communicating project information, and how the plan will be implemented. The CDP serves as a guide for communications and dissemination activities throughout the life of the project and will be updated in time for the periodic reports.

The CDP has been developed in accordance with the project Grant Agreement (articles 29 and 38) expanding from the project Description of Action (DoA) and including consultation of the Blue-Action project's Communication Strategy.

## 1.2. Organisation of the plan

While the terms communication (targeted information to multiple audiences) and dissemination (public disclosure of project results) differ in meaning, in this CDP they are brought together in a single comprehensive plan that focuses on describing the various activities and tools to highlight how they can be used for both purposes.

The next section identifies the project stakeholders addressed and their communication requirements including objectives, content, language, means, timing and responsibilities.

The CDP is then outlined in Section 3, divided into ongoing outreach and dissemination activities, mid-term activities and long-term activities.

Section 4 lists all the possible risks that might influence the course of the project along with possible responses.

Finally, Section 5 explains how the CDP will be implemented and updated, and how communication and dissemination activities will be monitored throughout the project lifetime.

## 2.  STAKEHOLDERS COMMUNICATION REQUIREMENTS

The APPLICATE project engages with a variety of stakeholders, both internal and external to the project. In Table 1 the main groups of project stakeholders are identified along with their primary communication requirements.

Table 1: Target stakeholders addressed by the APPLICATE project and their communication requirements.

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| **Project Consortium** | The project partner organisations and the teams of individuals actively participating in the project | Inform on project activities, progress, deadlines, meetings and events | Project requirements, deadlines, results, progress, specific information, requests | Technical, specific for the project | Emails, phone, tele/video conferences | Continuous throughout the project lifetime | Project Manager<br><br>Project Coordinator<br><br>WP leaders |
| **European and international initiatives and projects** | The European and international initiatives and projects targeted for engagement by APPLICATE are those with obvious synergies and mutual collaboration benefits. Relevant projects currently include Blue-Action, INTAROS, ICE-ARC, and EU-PolarNet. | Ensure synchronisation of activities for addressing open science questions<br><br>Develop a shared understanding of respective projects and project outcomes<br><br>Develop a shared understanding of how each project relates to the others and how the results of one project might impact another<br><br>Demonstrate the | Project progress and results<br><br>Policy relevance of project and results<br><br>Demonstration of tools for greater understanding of the impact of Arctic changes on the weather and climate of the Northern Hemisphere<br><br>Event and professional | Technical | Project annual meetings<br><br>Joint workshops and other activities<br><br>Conference participation (joint or otherwise)<br><br>Direct engagement – i.e. online and face to face meetings<br><br>Website<br><br>Conference participation<br><br>Panel discussions at relevant events<br><br>Peer-reviewed articles in | Continuous throughout the project lifetime, in accordance with the Clustering Plan (D8.3) | WP7 leads<br><br>WP8 leads<br><br>Project Coordinator<br><br>Project Manager<br><br>Executive Board |

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| | | value added through collaborative working. | development plans | | scientific journals | | |
| **European Commission services and policy makers** | EU Commission services and policy makers have the power and responsibility to set policy based on information they receive. New knowledge and information developed as a result of APPLICATE will be relevant to decision makers at all levels of governance from local to EU and global levels. | Provide information that can be used in future climate policy<br><br>Encourage evidence-based decision-making using the outputs of APPLICATE<br><br>Contribute to relevant international committees such as the IPCC. | Project progress and results<br><br>The policy relevance of the project and its results<br><br>Demonstration of tools for greater understanding of the impact of Arctic changes on the weather and climate of the Northern Hemisphere<br><br>Tangible scientific outcomes which can immediately be applied to support evidence-based decision making | Technical but relevant<br><br>across a broad range of disciplines | Policy briefings<br><br>Direct engagement<br><br>Annual project meetings<br><br>Project workshops<br><br>Conference participation<br><br>Deliverables, progress reports and other reports<br><br>Fact sheets, infographics<br><br>Partner newsletters<br><br>Panel discussions at relevant events<br><br>EC channels such as: EC publications, social media, events. | Continuous throughout the project lifetime as opportunities arise | WP7 leads<br><br>Project Coordinator<br><br>Project Manager |

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| | | | and policy-making | | | | |
| **Industry representative organisations** | Industry representative organisations are bodies or committees who represent and work for the benefit of industries, often within a certain geography | Inform on scientific results, train, engage, and persuade | Project results and implications tailored for an industry audience.<br><br>Information about end-user products and services produced.<br><br>Opportunities for further partnership or collaboration<br><br>Training materials and resources developed from the project results that maximise their capacity to understand and adapt to climate change | Technical but industry dependent | Print, online and social media content tailored to a business audience<br><br>Panel discussions at relevant business events<br><br>Project/product/service specification sheets<br><br>Direct engagement via the User Group | In accordance with the user-engagement plan (D7.3), regularly throughout the project lifetime as opportunities arise | WP7 leads |
| **Businesses** | Businesses and | Engage, persuade | Project results | Mostly technical | Print, online and social | In accordance | WP7 leads |

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| | operations in fields directly affected by climate change and using weather forecasting. Businesses can be of different sizes, some of them are large and likely to possess a long operational history and large amounts of institutional competencies, whilst others are small or mid-sized enterprises and might still rely on their personal experience to understand weather/climate and base their business decisions accordingly. | and inform | and implications tailored for an industry audience\n\nInformation about end user products and services produced\n\nOpportunities for further partnership or collaboration with business\n\nTraining materials and resources | but industry dependent | media content tailored to a business audience\n\nPanel discussions at relevant business events\n\nConference participation\n\nDirect engagement via the User Group | with the user-engagement plan (D7.3), regularly throughout the project lifetime as opportunities arise | |
| **Government and other public climate service users** | All other potential end users who aren't strictly businesses. These actors will include government agencies, | Engage, persuade and inform | Project results and implications tailored for the relevant audience\n\nInformation | Technical but functional, as the competencies held by such organisations may vary across the different | Conference participation\n\nCase studies and reports\n\nPolicy briefs | In accordance with the user-engagement plan (D7.3), regularly throughout the project | WP7 leads |

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| | departments and other public actors including semi-public organisations | | concerning the end user products and services available<br><br>Opportunities for further partnership or collaboration<br><br>Access to / information about businesses who may be interested in further developing climate services<br><br>Access to results allowing for strategic partnerships and or further innovation<br><br>Training materials and resources | areas covered by APPLICATE research | Direct engagement<br><br>Print material<br><br>Webinars/Seminars<br><br>Newsletters<br><br>Panel discussions at relevant events<br><br>Direct engagement via the User Group | lifetime as opportunities arise | |

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| **Non-governmental organisations** | Non-governmental organisations operating in the civil society. They are often interest groups who work and campaign for certain issues. Those relevant to APPLICATE are likely to be involved in indigenous rights, human wellbeing, environmental protection and wildlife conservation although those working in other fields may also be relevant. | Solicit critical feedback as to the projects outcomes<br><br>Encourage uptake of the improved climate information in their efforts to create societal awareness and action. | Project results and implications tailored for a broader non-specialist audience | Non-specialist. NGO representatives are likely to be competent across certain fields (e.g., politics and impact of climate change) however, may lack certain proficiencies in the more physics-based and technical aspects of the project | Policy briefs<br><br>Print, online and social media content tailored to a non-specialist audience<br><br>Website<br><br>Deliverables, progress reports, and other reports<br><br>Direct engagement via the User Group<br><br>Seminars/Webinars<br><br>Conference participation<br><br>Panel discussions at relevant events | In accordance with the user-engagement plan (D7.3), regularly throughout the project lifetime as opportunities arise | WP7 leads |
| **Higher education providers delivering climate sciences** | Those stakeholders based in higher education institutions and who disseminate high level knowledge and | Ensure that new science / knowledge gained through research in APPLICATE activities is adopted by those who are working or may | Up to date Arctic climate and weather information as it relates to project progress and results | Technical | Co-development of knowledge resources, for example: training, modules and webinars, online resources, and fact sheets<br><br>Direct and face to face | Regularly throughout the project lifetime as opportunities arise | WP7 leads<br><br>WP7 leads<br><br>All partners |

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| | information to students and professionals studying in the field. These organisations will have a keen interest in acquiring the most up-to-date information. | work in the future in climate science-related fields. Through engaging those responsible for knowledge transfer via courses and training initiatives, APPLICATE will ensure that the professional skills and competencies of those working in relevant areas are improved. | - Content based on open access to publications and data, tailored to this audience | | engagement with existing higher education, training facilities and networks<br><br>Panel discussions at relevant events<br><br>Public lectures and presentations<br><br>Newsletter<br><br>Conferences<br><br>Peer-reviewed articles in scientific journals<br><br>Policy briefs<br><br>Deliverables, progress reports, grey literature and other reports | | |
| **Specialist scientific community** | Scientists working across the disciplines directly addressed in APPLICATE work | Exchange<br><br>knowledge and initiate collaboration with other researchers in the field | Project progress and results | Technical | Website<br><br>Workshops<br><br>Seminars/webinars<br><br>Conferences | Regularly throughout the project lifetime as opportunities arise | All WP leaders<br><br>Executive and Advisory Boards |

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| | | Maximise the impact and exploitation of project outcomes as well as further raise awareness of the work being conducted. | | | Peer-reviewed articles in scientific journals  Deliverables, progress reports, grey literature and other reports | | |
| **Wider scientific community** | Scientists who do not directly work across the disciplines addressed by APPLICATE but still may be interested in the results of the project. | Broaden the appeal of APPLICATE as well as the scope and relevance of its work. | Project progress and results  Opportunities for collaboration and idea development | Technical | Peer-reviewed articles  Conference participation  Public lectures and presentations  Panel discussions at relevant events | Regularly throughout the project lifetime as opportunities arise | All WP leaders  Executive and Advisory Boards |
| **General public and wider society** | individuals and organisations interested in APPLICATE work and results, but who do not directly work the field, or in scientific research. This group may include private citizens, students and other interested groups. | Maximise project visibility in wider society  Maximise societal benefit through the provision of improved climate information and, more broadly, improve societal climate literacy | Project results and implications tailored for a broader non-specialist audience | Broad and concise. The general public and wider society may have limited or patchy knowledge of climate issues and climate science beyond what is commonly portrayed in the | Website  Press releases  Social media  Newsletter  Fact sheets & infographics | Regularly throughout the project lifetime as opportunities arise | WP7 leads |

| Stakeholders | Description | Objective of the communication | Content | Language | Primary means | Timing | Responsibility |
|---|---|---|---|---|---|---|---|
| | | Raise awareness of Arctic climate change, modelling, and societal impacts. | | media. | | | |

# 3.  APPLICATE COMMUNICATION AND DISSEMINATION PLAN

The communication and dissemination activities are divided in to on-going outreach and consultation activities and mid- and long-term activities, overviewed here but further detailed in deliverables D7.3, D7.4 and D7.5.

As per Grant Agreement (article 38) the visibility of EU funding will be ensured on all communication and dissemination material through the display of the EU emblem and the following statement (communication activities):

*The work described in this paper/report/abstract/… has received funding from the European Union's Horizon 2020 Research and Innovation programme through grant agreement No. 727862 APPLICATE. The content of the paper/report/abstract/… is the sole responsibility of the author(s) and it does not represent the opinion of the European Commission, and the Commission is not responsible for any use that might be made of information contained.*

## 2.1.  Main on-going outreach and consultation activities

Ongoing outreach and consultation activities within the APPLICATE project are summarised in Table 2. All activities will continue throughout the project and are hence relevant also for mid-term and long-term activities.

Table 2: Main ongoing outreach and consultation activities.

| Activity | Procedure | Expected outcome |
|---|---|---|
| Project website<br><br>www.applicate.eu | The project website has been developed and published. It will continue to be updated throughout the project. | The website is the primary channel for communication about the project. It presents general information on the project, goals and objectives, news and events, dissemination material and project documents. A tool and venue to promote project and related activities. |
| Social media campaign | APPLICATE Twitter account and Facebook page are developed. It will be continuously updated throughout the project. | Modern and interactive communication channels, used since the very beginning of the project, to promote project activities. They engage various stakeholders in a two-way communication. Input through social media channels will be moderated for user feedback and to inform on project developments and outcomes. |
| Project identity material and newsletter | Material used by the WP7 team and project participants for project identity and promotion of objectives and activities. | Project brochure<br><br>Project identity material i.e. logo<br><br>Project banner<br><br>Project overview presentation<br><br>Project Newsletter |
| User group | Representatives of key stakeholders from different sectors. Participants will take part in virtual and face-to-face consultations organise on a regular basis starting from fall of 2017. | The User Group will provide an external user-specific perspective on user needs and feedback on the relevance and presentation of project outcomes. User feedback will be analysed and shared with project participants to foster constructive discussion and help shape project outputs into user relevant products. |
| Workshops, meetings at professional events, | APPLICATE partners will actively participate in relevant external events or initiatives organized. These activities can and will be jointly organized with other relevant projects as appropriate, such as YOPP, EU PolarNet, Blue Action, INTAROS, and other H2020 projects, and C3S | Promotion of the project objectives and dissemination of the project results in international fora of relevant events will strengthen the role of the project as a base of cutting edge research. Active participation in workshops and meetings will serve to promote and explain the project, increase the knowledge of user needs within |

| Activity | Procedure | Expected outcome |
|---|---|---|
| | tenders. | the project and collaborate with users on different relevant topics. This will take place during internationally relevant events, both in and outside the EU. Users' feedback will be regularly analysed after each event and i) shared with the project partners, ii) when relevant, shared with other users via User Group and/or Blog. |
| Interaction with programmes and related other events | Participation in and cooperation with relevant organisations and projects that have a relevance to, can contribute to, or benefit from the APPLICATE project such as but limited to the Arctic Council and its working groups, SAON and its Arctic Data Com and more. | Ensuring effective knowledge transfer and reducing the risk of overlapping of efforts in communication and project results including in information, best practise and data sharing. |
| Blog – Polar Prediction Matters | The project blog will be hosted at the Helmholtz Blog website and jointly developed and maintained with YOPP. Different stakeholders, in collaboration with APPLICATE, YOPP and the project Blue Action, will write the articles. | The blog will publish articles written in simple language adequate for and accessible by the broader public that can trigger interest of different actors and open discussion, regularly analysed to inform the project partners on user requirements and needs and as support to the user group. |
| Factsheets | General public, Scientific Community, Stakeholders | A series of self-explaining 2-page documents covering a wide range of project relevant topics in Arctic research, polar prediction and how Arctic environmental changes affect mid-latitudes. |
| Policy briefings | Policy makers and stakeholders | Developed in collaboration with the EU and the EU project Blue-Action during the latter period of the project, with a focus on business and policy stakeholders, the envisioned 2 – 4 policy briefs will target policy makers and how the scientific results from the two projects (and Arctic research in general) can inform and support policy decisions. |

## 2.2. Mid-term activities (2 years)

Mid-term communication and dissemination activities within the APPLICATE project are summarised in Table 3.

Table 3: Main mid-term outreach and consultation activities.

| Activity | Procedure | Expected outcome |
|---|---|---|
| Survey and interviews with users from different groups | Various forms of interviews and surveys with representatives of different stakeholder categories and economic sectors of interest. | Improve users' awareness and understanding of the canges in the Arctic and the role of climate forecasts – to transfer the knowledge developed within the project. |
| Webinar series | The webinars prepared by scientists, in form of presentations, comprehensible for a broader audience. The webinars will be recorded and provided as an open resource on the websites of the APPLICATE project and APECS and other related website. | A series of 3 webinars on Arctic climate and its influence on mid-latitudes to further introduce the APPLICATE project to early career scientists, climate and weather information users and general public. |
| Summer school | The summer school is aimed at PhD students and postdoctoral researchers among others from APPLICATE partner organisations, organised jointly with YOPP, APECS, Blue Action and relevant other partners for 30 PhD students and postdoctoral researchers, covering the theories and methods used within the research project. The summer school will take place in spring 2018. | A 10 day summer school for early career researchers, current and future stakeholders and users of weather and climate data that will improve participants' knowledge on the topics, theories and methods applied during the project. |

## 2.3. Long-term activities (4 years)

Long-term communication and dissemination activities within the APPLICATE project are summarised in Table 4.

Table 4: Main long-term outreach and consultation activities.

| Activity | Procedure | Expected outcome |
|---|---|---|
| Online course | An online three-month course on "Advancing predictive capacity of Northern Hemisphere weather and climate" will be organized with weekly interactive online sessions. Materials will be provided as an open resource on the websites of the APPLICATE project and APECS. | Provide an online course composed of weekly interactive sessions aimed at early career scientists, but open to anyone interested. Provide learning material composed of training presentations and recommend readings (scientific and grey literature). Full course material will be made publicly available on the project website to increase knowledge and visibility, and to improve |

| Activity | Procedure | Expected outcome |
|----------|-----------|------------------|
|          |           | stakeholders' capacity to use climate and weather data and advance the predictive capacity in the Northern Hemisphere. |

## 4. RISKS

Possible risks that might influence the course of the CDP are outlined in Table 5 in alignment with the user engagement plan.

Table 5: Risks that might affect the CDP and possible responses.

| Risk | Probability | Response | Responsibility |
|------|-------------|----------|----------------|
| Low interest of users | Low/Medium | This risk will be mitigated by using different user engagement mechanisms, such as virtual meetings and consultation. The project will reduce time and travel investments from users and promote their participation. In addition, project partners involved in relevant EU projects, international committees and steering groups can serve as ambassadors for APPLICATE and help disseminate project information and involve stakeholders. | AP and BSC, with support from all project partners |
| User fatigue | Low | This risk will be addressed by avoiding more "aggressive" user engagement approaches, such as surveys, and encouraging modern, attractive and interactive user engagement mechanisms and communication approaches instead, such as the blog, the User Group, social media, participation and organisation of workshops or discussion tables in relevant events. Coordinating joint user engagement activities with other projects with similar research objectives will in addition lessen the pressure on users. | AP, BSC |
| Low project visibility | Low | The partners will take part in relevant events presenting the project and getting in touch with different users. These efforts will be organised in strong coordination with other initiatives and projects, such as YOPP, Blue Action, EU PolarNet, European Polar Board, IASC and SAON, increasing the projects' visibility, while lowering the risk of user fatigue or confusion with too much information from different projects. | AP, BSC, all partners, partners from other projects |
| Cultural & background differences | Low | The project partners have a long-term and well-established collaboration with different actors within the Arctic. The project will additionally improve this collaboration and through interchange with different stakeholder categories (e.g. secondary user group) better understand cultural differences, while integrating local knowledge in the project development. | AP, BSC, all partners |
| Low interest in writing the user blog posts | Low | APPLICATE, YOPP and Blue Action have contacts with numerous stakeholders that might be interested in contributing to blog posts. We will rely on these connections and on contacting participants well in advance, to assure that regular posting on the blog is maintained. | AP, BSC, YOPP, Blue Action |
| Too low interest of the targeted audience in the user blog | Medium | Developing and maintaining this activity jointly with other projects, such as YOPP and Blue Action, improves the visibility of the blog and interest and participation of different users, decreasing the risk of lack of participation. | AP, BSC, YOPP, Blue Action |

| Risk | Probability | Response | Responsibility |
|------|-------------|----------|----------------|
| Too high interest in the user blog | Low | To maintain a fruitful discussion that can tackle different topics, including scientific ones, we will assure active collaboration of the project scientists on facilitating the blog discussions. | AP, BSC, YOPP, Blue Action, all project partners |
| Lack of participation of mid-latitude and non-European users | Medium | Building on partners' existing networks and through participation in relevant European and international events, the project will be shared and discussed with stakeholders that are not traditionally interested in the Arctic issues. In this way, we will increase participation of mid-latitude and non-European users. | AP, BSC, all partners |

# 5. IMPLEMENTATION AND EVALUATION OF THE PLAN

The implementation of the dissemination and communication strategy will rely on the following critical pro-active approaches:

- Integration of dissemination and communication efforts throughout and within APPLICATE;
- Effectiveness of communication flow within APPLICATE and with users;
- Involvement of stakeholders in an active dialogue with APPLICATE to elicit user need and perspectives;
- Diversity of dissemination and two-way communication tools according to different audiences;
- Accessibility of disseminated results and project legacy.
- Co-production of outcomes and results with users and stakeholders

The implementation of the plan will be overseen by WP7 leaders. The plan is to be constantly evaluated and updated in order to support the execution of project objectives and professional development of the APPLICATE project. Changes to the plan will be discussed within WP7 and brought to the project Executive Board if necessary. Mandatory updates to the plan are scheduled in time for the periodic reports (project months 18 and 36) and will be implemented by the Project Manager.

In order to review and support the overall project communication and the effectiveness of its communication tools, an on-line user feedback tool will also be developed by AP and BSC and implemented for project communication review and management. This online tool is for collecting feedback and organizing of all consultations, virtual and physical, to improve the quality and content of project promotional material and the interaction with and to the stakeholders identified by the project.

The virtual tools will provide additional feedback mechanisms and traceability (always respecting all due confidentiality), while providing a wider perspective on the challenges, discrepancies, misconceptions and important issues.

## 6. ACRONYMS

AP – Arctic Portal

APECS – Association of Polar early career scientists

APPLICATE - Advanced Prediction in Polar regions and beyond: Modelling, observing system design and LInkages associated with a Changing Arctic climaTE

BSC – Barcelona Supercomputing Center

C3S – Copernicus climate change services

EU – the European Union

H2020 – Horizon 2020 (EU Research and Innovation programme)

IPCC – Intergovernmental Panel on Climate Change

YOPP – the Year of Polar Prediction project

SAON – Sustaining Arctic Observation Networks

## 7. REFERENCES

APPLICATE project website: www.applicate.eu

Blue Action project website: www.blue-action.eu

Year of Polar Prediction website: www.polarprediction.net/yopp/

Blog Polar Prediction Matters is going to be hosted in: https://blogs.helmholtz.de/