



CLINT

CLIMATE INTELLIGENCE

D9.2

COMMUNICATION AND DISSEMINATION PLAN

December 2021



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LIST OF ACRONYMS

Abbreviations

AMS:	American Meteorological Society
CS:	Climate Service
DRR:	Disaster Risk Reduction
GA:	Grant Agreement
ITU:	International Telecommunication Union
KPI:	Key Performance Indicator
Mx:	Month number (where x is the month number)
NGO:	Non-Governmental Organisation
TBD:	To Be Determined
UNEP:	United Nations Environment Programme
WMO:	World Meteorological Organization
WP:	Work Package
WPS:	Web Processing Services

EXECUTIVE SUMMARY

The CLINT Communication and Dissemination Plan (Deliverable D9.2) describes the specific communication and dissemination activities and their detailed timeline to ensure an effective dissemination of the results and knowledge generated in the project tailored for the different interested target groups. In addition, the communication plan defines various actions and communication channels, outlines the strategy for communication and dissemination, and provides communication material, considering the needs of and differences among the diverse target groups.

1 INTRODUCTION AND OVERALL STRATEGY

The communication and dissemination plan describes the specific activities for outreach and the dissemination of the results and knowledge generated within the CLINT project for various target groups. The report is a reference document defining the strategy and approach to be implemented in the project for effective communication and outreach activities. It includes the definition of key target groups and the main communication channels identified to reach them. The plan is designed to be flexible and adaptive, and will be shaped by the information and results as they unfold during the project lifetime as reported in the future updates (see Deliverables D9.4-D9.6-D9.10).

The CLINT communication and dissemination plan relies on a strategy (see Table 1) that aims to spread information on the project outside the consortium members, focusing on potential users in different countries interested in the project outputs; a particular focus will be on the dissemination of the CLINT results to benefit the Copernicus programme. The communication strategy also aims to inform the media and the general public about the main project's results, describing the potential for the innovative contributions of the project for the scientific community, the climate services providers, and relevant stakeholders and policy-makers.

To achieve its objectives, the communication strategy foresees the development and application of a series of tools and activities designed to:

- enhance the high multidisciplinary level of the actors involved in the project (including universities, national hydrometeorological services, European Union agencies, decision-makers, policy-makers, non-governmental organisations, industry, and all potentially interested stakeholders);
- activate the dialogue between stakeholders and the scientific community to define, promote, and implement a fruitful exchange of information and data regarding the most advanced scientific knowledge, but also to support interaction among the different players and actors focusing on the needs and requirements of the end-users addressed by the most effective and appropriate technological solutions for the application of Artificial Intelligence to the detection, causation, and attribution of extreme events;
- maximise the impact of the project and prepare and support the adoption of the results by the different target groups;
- ensure the continuous availability of information and data regarding the CLINT research outcomes for the local stakeholders and end-users in the Climate Change Hotspots and the wider community of climate services users at the European scale.

The CLINT communication activities will involve all consortium partners. This concerted approach is of great relevance for the communication strategy for at least two reasons. First, consortium-wide communication activities allow capitalising on each partner's network and specific field of expertise (including networking and communications with peer institutions and researchers, stakeholders or research projects) as well as their respective focus geographical area. Second, this approach enables the maximum involvement of stakeholders and interested target groups. Furthermore, it will ensure

a comprehensive and integrated representation of the research developed by the project, the results obtained, and the positive impacts of the latter on society.

The Communication section of this document details the actions and channels for effective communication of the project. All these activities are tailored to the target groups, accounting for differences across the Climate Change Hotspot areas (e.g., between the European and African contexts) as well as the diverse interests of local stakeholders, policy-makers, and the international scientific community.

Defining the target audience is essential to produce impact outside the CLINT consortium. Therefore, the formats, language, and focus of the communication material and activities are conceived and will be further shaped to address the specificities of the identified communication target groups. Table 1 lists the elements of CLINT's communication strategy by the diverse target groups, the goal that this communication will achieve, the channels used to communicate effectively, and some preliminary Key Performance Indicators. External target groups were identified already in the GA and include in order of priority:

- 1) The potential international users of Climate Services, such as Copernicus users (including industry and trading companies' users in the energy and agriculture sectors), ECMWF member states, and international committees, which will benefit from the Web Processing Services (WPS) developed in WP8 and the publication of open data and code.
- 2) The local end-users (decision- and policy-makers, and relevant stakeholders) in the CLINT Climate Change Hotspot areas and at the European level interacting with CLINT partners during project-organised workshops, webinars, and the summer school.
- 3) The scientific community interacting with the consortium partners at conferences and scientific workshops.
- 4) The climate change adaptation practitioners and disaster risk managers from NGOs, international humanitarian organisations (e.g., Red Cross, World Food Programme, etc.), and global initiatives (e.g. the Global Flood Partnership, the InsuResilience Global Partnership, etc.) that need access to forecasted and projected Extreme Events and impact assessments and will be engaged through the demonstrator and project communications around it.
- 5) The general public and the civil society, which will be engaged via the project website and social media channels.

Table 1 Elements of CLINT’s communication and dissemination strategy and preliminary definition of Key Performance Indicators (KPIs).

Target groups	Goal	Communication & dissemination channels and activities	KPI
1) Climate Services experts and practitioners	Maximise the uptake of project results by experts and practitioners, particularly from the Copernicus programme.	Face-to-face and online meetings	Number of meetings ≥ 4 (e.g., annual meetings with Copernicus staff)
		Conferences and workshops	Number of events ≥ 12
		Demonstrator of AI-enhanced CS	TBD
		Open-source software	TBD
		Open datasets	TBD
2) CLINT end-users, including both decision- and policy-makers at the European level and in the local Climate Change Hotspots	Generate a bi-directional dialogue for the co-development of the AI-enhanced Climate Services	Periodic Face-to-face and online meetings	Number of meetings ≥ 4 (e.g., annual meetings with CLINT end-users)
		Policy briefs	Number of policy briefs ≥ 2 (one in WP6 targeting EU policy makers and one in WP7 targeting local decision makers)
		CLINT webinars	Number of webinars ≥ 6
3) Scientific community	Create formal and informal networks for sharing the project results	Open access peer-reviewed publications in scientific journals	TBD
		Conferences and workshops	Number of events ≥ 12
		Open datasets	TBD

		Open-source software	TBD
		CLINT website	Number of visitors $\geq 3,000$
4) Climate change adaptation practitioners in NGOs, humanitarian organisations, & global initiatives for adaptation, early warning/early action and DRR	Generate a dialogue for sharing the project results and extends the potential uptake of AI-enhanced Climate Services beyond the CLINT case studies	Face-to-face and online meetings	Number of meetings ≥ 2 for each involved organization
		CLINT website	Number of visitors $\geq 3,000$
		CLINT webinars	Number of webinars ≥ 6
		Demonstrator of AI-enhanced CS	TBD
		Open datasets	TBD
		Open-source software	TBD
5) General public and civil society	Establish an effective communication for promoting the project findings to a vast virtual community	CLINT website	Number of visitors $\geq 3,000$
		Social media	Number of total contacts $\geq 1,000$
		Press releases and news	Number of news ≥ 6
		CLINT webinars	Number of webinars ≥ 6

2 COMMUNICATION AND DISSEMINATION OVERVIEW

2.1 Communication and Dissemination Actions

The primary communication and dissemination actions that CLINT will undertake are the following:

- Implement an effective communication and dissemination strategy for the project;
- Implement effective communication channels to the project's stakeholders, the scientific community, and broader audiences;
- Create communication and dissemination materials, including a project website and selected social media channels;
- Communicate the project activities and disseminate the project outputs to the various stakeholders and local end-users in the Climate Change Hotspots and related audiences, and support know-how transfer at the local level;

- Communicate the project activities, disseminate the project outputs, and support know-how transfer at the international level, exploiting the various scientific and business networks of the project partners;
- Organise the CLINT Summer School as a major dissemination event as well as webinars for outreach and widespread know-how transfer.

2.2 Overview of the Communication and Dissemination Plan

A list of the dissemination events planned for the CLINT project lifetime is shown below. Some dissemination activities will be organised in the occurrence of specific events, both at the local/national and the international level, prepared as back-to-back or side events during conferences (and relevant workshops) such as the annual European Geosciences Union (EGU) General Assembly and the American Geophysical Union Fall Meeting (AGU FM). A more detailed list of target conferences and journals is reported in Section 4.5.

The communication and dissemination at the international level will focus on the scientific community, policy-makers, practitioners, students, and relevant interest groups. A print and E-version of a project flyer appropriate for all target groups have been designed (see Section 3.3.1). A core dissemination activity will be the open-access publication of project outcomes and results in international scientific journals and grey literature (e.g., reports and policy briefs), along with the presentation of project results at scientific conferences and workshops. In addition, a dedicated newsletter describing project activities and ongoing results will be periodically published. The newsletter will include both scientific and practice-oriented information and highlights from the project partners and stakeholders, and local communities, where appropriate. Dissemination among policy-makers and practitioners will also be supported by attendance and participation at corresponding professional, expert group, committee meetings and other events. Exchange of information and experiences with related EU-funded projects will be supported through involvement in H2020 consultation meetings and networking events. Furthermore, CLINT will pursue the option of developing working groups with XAIDA¹, an EU-funded project with structure and aims similar to those of CLINT.

Project dissemination materials will be tailored to local needs of the different stakeholders in the case study regions and relevant target groups to ensure effective communication. Also, the local networks of project partners will be used to most effectively reach the various stakeholders and end-users via dedicated presentations of project goals and results. For the communication directed towards the general public, additional activities are planned: selected social media channels (Twitter and LinkedIn) are used to release updates about project news and outcomes and aggregate and share a broad scope of information about the different topics covered by CLINT. Details about the Social Media Channels can be found in Section 4.1.3.

Further details of the communication and dissemination plan and associated activities for individual communication channels are presented in the following sections.

¹ <https://cordis.europa.eu/project/id/101003469>

2.3 Communication and Dissemination Deliverables & Milestones

Table 2 illustrates the primary communication and dissemination deliverables and milestones as defined in the Grant Agreement, along with essential stakeholder events². These events will be documented and accompanied by adequate communication activities, in addition to the continuous communication and dissemination activities described in this document.

Table 2 Primary communication and dissemination deliverables & milestones

Project month	Communication & dissemination deliverables	Communication & dissemination milestones (MS), important stakeholder meetings
M1		Online kick-off meeting
M3	D9.1 CLINT website, visual identity and logo	
M6	D9.2 Communication and Dissemination plan	
M18	D9.4 Communication and Dissemination plan – first update	
M24		MS43 Basic version of the Forecast demonstrator
M31		MS44 Methods and software to be implemented in the AI-Enhanced demonstrators
M36	D9.6 Communication and Dissemination plan – second update	MS29 First version of the AI-enhanced S2S forecast demonstrator
M48	D7.4 Policy brief – Local Climate Services D1.6 Project networking report D9.8 AI-enhanced operational prototypes D9.9 AI-enhanced S2S forecast demonstrator D9.10 Final Communication and Dissemination report	

² Some events (such as the Summer School, Webinars, and meetings with stakeholders) do not have defined dates yet, and therefore were not included in this table. They will be added in the future updates of this report.

3 VISUAL IDENTITY AND COMMUNICATION MATERIALS

The following section describes the logo and template material used for the communication and dissemination activities. It reflects a common visual identity associated with the project logos (Section 3.1), text, and presentation templates (Section 3.2). In addition, a press kit is prepared containing a flyer, factsheet, and, throughout the project, screencasts and videos about the project and project results. Screenshots of the above materials are reported in the Appendix.

3.1 CLINT Visual Identity and Logo

The vertical and horizontal versions of the CLINT logo (primary version) are shown in Figure 1 below. The colours of the logos use the palette illustrated in Figure 6 in the Appendix; additional versions were designed using only white, black, and blue colours, respectively (see Figure 7 in the Appendix). The buffer space required by the CLINT logo is defined in Figure 8 in the Appendix. The font used in the logo is Josefin Sans Bold (Primary) and Josefin Sans Regular (Secondary); see Figure 9 of the Appendix.



Figure 1 CLINT logo: (left) vertical version, (right) horizontal version.

3.2 CLINT Templates

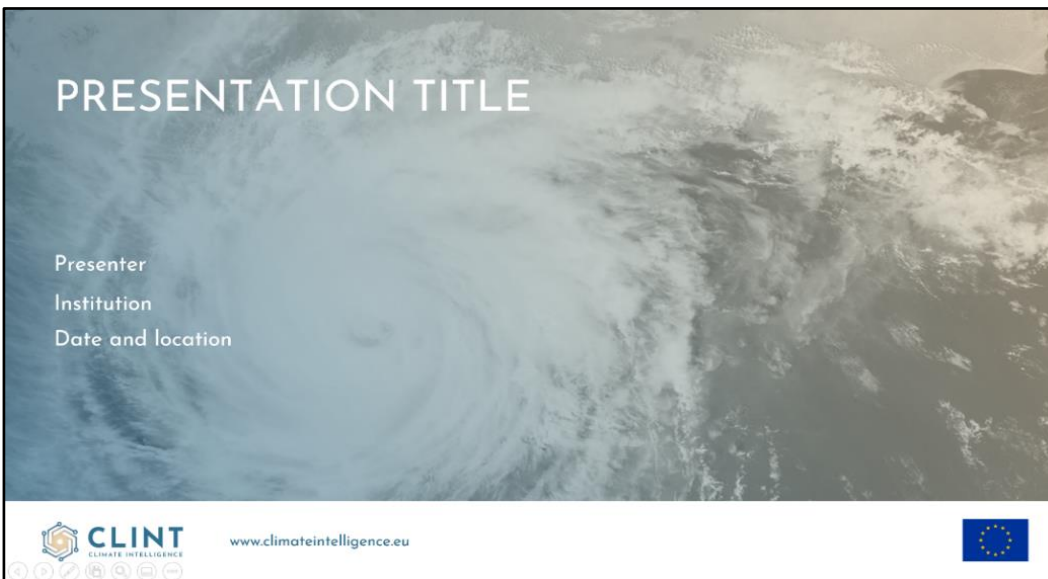
CLINT templates for presentations and deliverables were defined in the Deliverable D1.1 (Project Management Plan). Their visual design was informed by the CLINT corporate design, shown below.

3.2.1 CLINT Presentations

The presentation template (Figure 2) will be used not only for internal communication at project meetings and reviews but also for the communication and dissemination of project results to external target groups both at the international and local levels, e.g. to scientific communities at conferences and workshops, local CLINT stakeholders, and the general public.



Cover slide



Title slide



Regular slide



Final slide

Figure 2 CLINT presentation template (Cover, title slide, regular slides, and final slide).

3.2.2 CLINT Text Documents

The template format for all project deliverables is defined in D1.1. As part of the communication work, a cover page (Figure 3) was developed, which will also be used for all external communication.

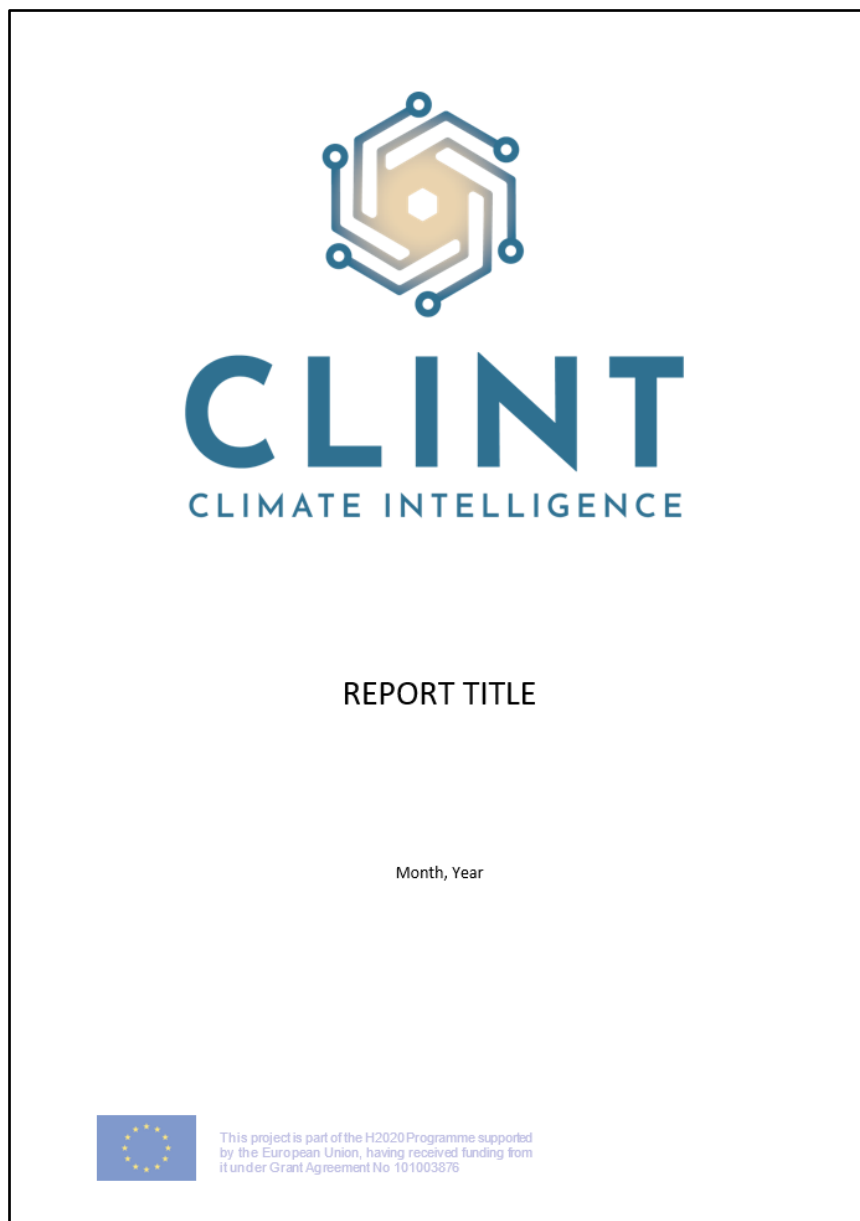


Figure 3 CLINT text template cover page.

In addition, a text template for short communication and dissemination documents such as press releases was designed, with the project and EU logo in the header (Figure 10 in the Appendix).

3.2.3 CLINT meeting minutes template

As part of CLINT’s visual identity, a template was also created to record the minutes of the various meeting held during the project (Figure 11 of the Appendix). The template follows the Text Documents template described above and highlights (both in the text and in the summary) any key actions and decisions that emerged from the meeting.

3.3 CLINT Press Kit

3.3.1 CLINT Flyer

A 3-page folded flyer (Figure 4) was produced to provide an overview of the project, illustrating CLINT’s objectives and case studies. As both the print and web versions of the flyer have been designed, the flyer can be distributed by CLINT partners online as well as at meetings and events.



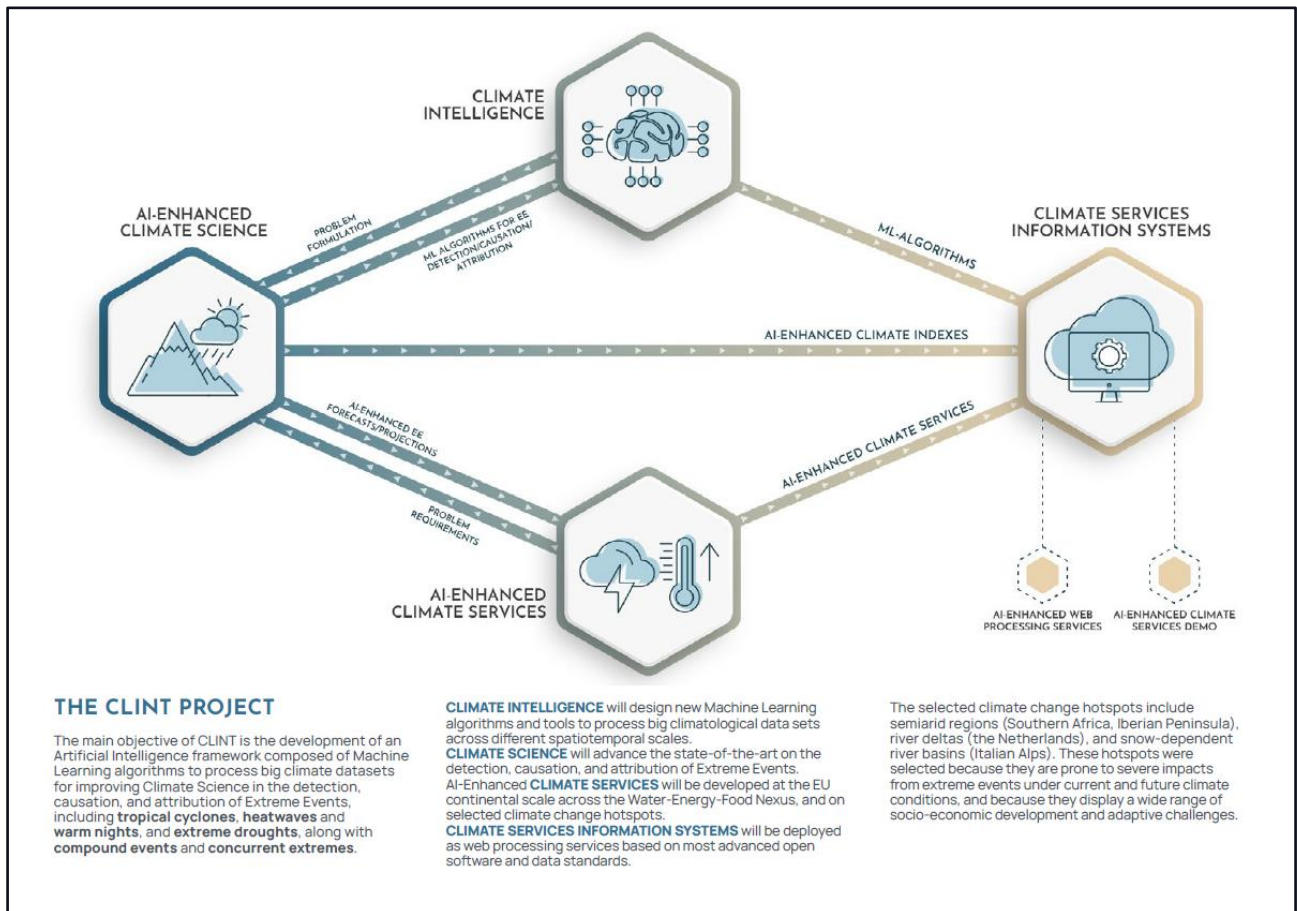


Figure 4 External (top) and internal (bottom) pages of the CLINT flyer.

3.3.2 CLINT Factsheet

A 2-page (front and back) factsheet (Figure 5) was prepared to provide a concise and effective summary of CLINT, including information about the consortium, the main objectives, and the expected impact.

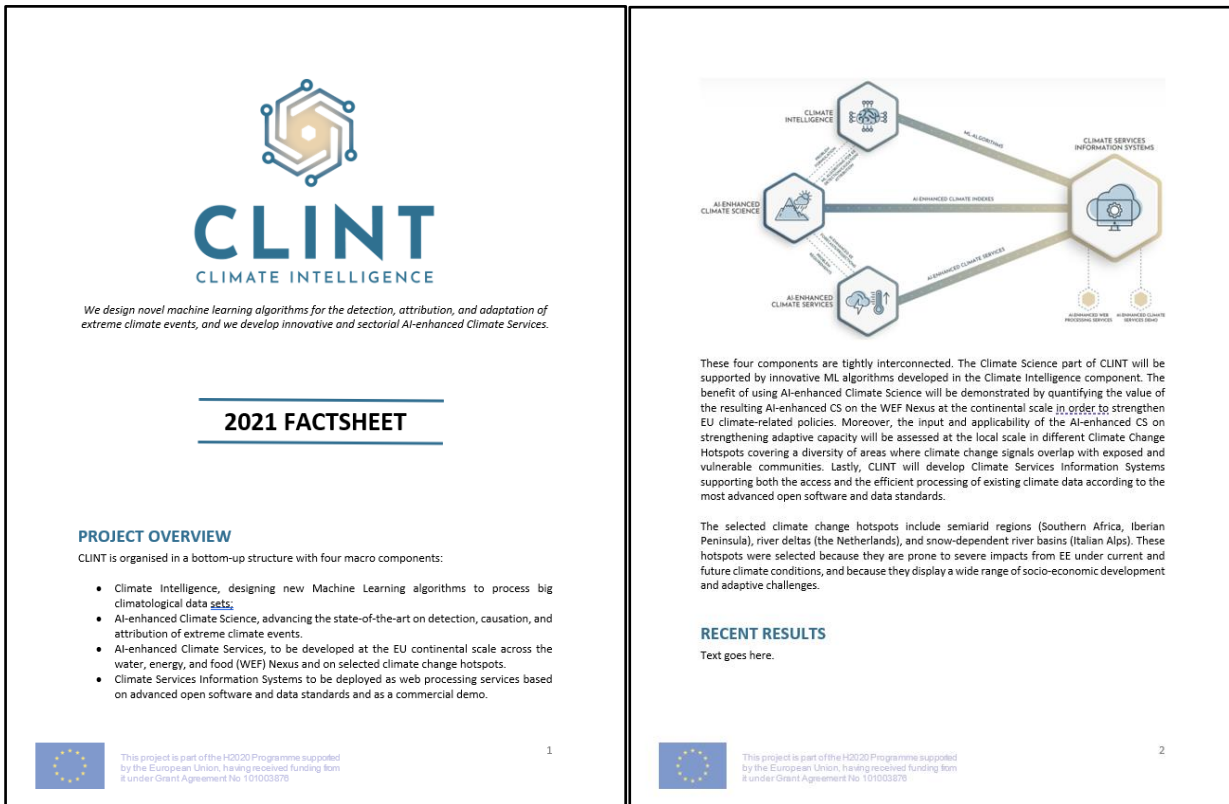


Figure 5 CLINT Factsheet template.

4 COMMUNICATION AND DISSEMINATION CHANNELS AND ACTIVITIES

In order to achieve communication and dissemination that effectively meet the project's objectives, CLINT employs various communication channels and activities using different platforms and instruments to reach diverse target audiences in different contexts, as described below.

4.1 Online Channels

4.1.1 Website

The CLINT project website (<https://climateintelligence.eu>) aims at providing information and updates about the topics, activities, and results of the project to a wide range of users, including CLINT consortium members, end-users, potential users, the scientific community, climate change disaster risk managers and adaptation practitioners, policy-makers, the general public, and the civil society. Online since 30 September 2021, the website is implemented with WordPress Essential (by Pixfort), which allows an organisation of the content that is highly flexible, dynamic, and can be adapted to the evolving needs of the project during its activities. In its start-up version, the website is organised in four sections plus the home page.

Home Page

The *Home Page* (Figure 12 in the Appendix) is designed to highlight the vision and the mission of the project and the latest information and content that shed light on the more relevant activities and outcomes related to CLINT. The graphic concept of the home page is reflected in all the webpages; it is made of a combination of texts, stock images, icons, and graphics realised ad hoc for the CLINT website. The contents of the home page will be enriched with updated and fresh material as the project advances and completes its activities (events, newsletters, deliverables, outcomes, etc.).

Project

The *Project* section (Figure 13 in the Appendix) introduces CLINT to users, providing information on the general concept of the project, its structure, and the topics that are the object of the project research, including a definition of extreme events and details related to the Climate Change Hotspots for local risk-aware decision-making.

Consortium

The *Consortium* section introduces the partner institutions contributing to CLINT, describes their roles and activities and gives information on the scientists involved in the research team.

News and Events

The *News and Events* section is the most dynamic area of the website: it collects updates on activities and events such as workshops, conferences, etc. This section is populated as CLINT activities develop during the project; it is intended to keep track of all the initiatives related to the project or in which the project is involved.

Outcomes

The *Outcomes* section hosts all the documents, data, information, and knowledge that will be provided by the CLINT WPs. It is the repository where users will be able to reach and consult the project outcomes and follow the steps of the research activities, from the methodology to the final results.

4.1.2 Newsletter

In the first year of the project a single newsletter will be published, detailing updates on the progress of activities, new initiatives, publications, etc. From the second year, it will be circulated twice per year. The newsletter will provide continuity to the communication and will keep regular contact with the target readership in its entirety. The newsletter will be posted on the project website for consultation and open download. In addition, the link to each new issue will be circulated through consortium partner networks and stakeholder mailing lists.

4.1.3 Social Media Channels

Social media are valuable platforms for the dissemination and communication of content produced through scientific research. In particular, they are functional for broader circulation of messages within the scientific community and for better dissemination of research results outside the community of peers, especially to groups interested in the CLINT topics, such as the project stakeholders.

Moreover, a further function of social media for a research project such as CLINT is to activate and initiate relationships with potentially interested parties with activities/interests similar to those of the project. As they enable dialogue between accounts related to research projects, institutions (local/national/European/global), and individuals, social media are the right place to develop and maintain relations that can lead to useful insights.

CLINT has identified two social media platforms suitable for its communication and dissemination activities: Twitter and LinkedIn.

The Twitter channel (<https://twitter.com/CLINTH2020>) was activated on 30 September 2021. Twitter is a platform for rapid communication, consisting of short sentences. It requires a very direct type of language for immediate interaction on topics related to the results of the project, for sharing news and other information that is considered interesting, produced directly by the project activities, or coming from the wide area of research and research application that is of interest to CLINT. Twitter activities will be fast and interactive, thanks to the incorporation of hashtags, and they will target diverse groups with key messages.

Interactions on Twitter aim at a diverse audience that includes experts, academics, the universities themselves, international and national research organisations, and stakeholders. The flow of activities produced through the CLINT Twitter account is embedded in the website's home page, thus ensuring continuity in the visibility of the project communication activities.

LinkedIn will be used primarily for professional relations. Communication via the CLINT group (<https://www.linkedin.com/in/clint-climate-intelligence-53901a222/>) will have a slower pace in the publication and will target professionals and other organisations involved in research areas akin to

those of CLINT. The LinkedIn group will also post materials shared through Twitter and the website to stimulate social interaction and the dissemination of CLINT key messages and activities.

4.1.4 Partners' Channels

A significant part of CLINT's communication outreach potential relates to the ability to engage the consortium partners' channels and networks to maximise message dissemination and intensify relationships with target groups. For example, institutional websites, social media, media relations, webinars, and events are all part of the CLINT communication plan having a consistent role in the communication strategies of the project partners and are opportunities to intensify and enhance the communication capacity of the project.

In its role of leader of Task T9.3 (Direct outreach activities), CMCC will publish on its institutional website all the news related to the project, including events, and will use its social channels to amplify the reach of CLINT communication.

Table 3 List of Partners' channels.

CHANNEL	TYPE	CLINT beneficiary
https://www.polimi.it/	Website	POLIMI
https://twitter.com/polimi	Twitter	POLIMI
https://www.linkedin.com/school/polimi/	LinkedIn	POLIMI
https://www.cmcc.it/	Website	CMCC
https://twitter.com/CmccClimate	Twitter	CMCC
https://www.linkedin.com/company/cmccfoundation/	LinkedIn	CMCC
https://www.hereon.de/	Website	HZG
https://www.csic.es/en	Website	CSIC
https://twitter.com/IGeociencias	Twitter	CSIC
https://www.smhi.se/en/	Website	SMHI
https://twitter.com/SMHI	Twitter	SMHI
https://www.linkedin.com/company/smhi/mycompany/	LinkedIn	SMHI
https://www.hkv.nl/en	Website	HKV
https://twitter.com/hkvlijinwater	Twitter	HKV
https://www.linkedin.com/company/hkv-lijn-in-water/	LinkedIn	HKV
https://e3modelling.com/	Website	E3M
https://twitter.com/E3Modelling	Twitter	E3M
https://www.linkedin.com/company/e3-modelling-energy-economy-environment/	LinkedIn	E3M
https://theclimatedatafactory.com	Website	TCDF
https://twitter.com/TheClimDatFac	Twitter	TCDF
https://www.linkedin.com/company/theclimatedatafactory/	LinkedIn	TCDF
https://www.dkrz.de/de	Website	DKRZ
https://www.un-ihe.org/	Website	IHE
https://www.ecmwf.int	Website	ECMWF
https://www.uah.es/es/	Website	UAH
https://www.uni-giessen.de/welcome	Website	JLU
https://www.linkedin.com/school/jluggiessen/	LinkedIn	JLU
https://geologicas.ucm.es/	Website	UCM

https://www.linkedin.com/in/ciencias-geol%C3%B3gicas-ucm-1237557a/	LinkedIn	UCM
https://twitter.com/geologicasucm	Twitter	UCM

4.2 Press Releases

A *Press Release* will be developed for each activity with high public relevance (meetings, outcomes, publications, etc.). Press releases will be published on the website and delivered to the media contact list of the different partners to reach out to local/national/EU media and get appropriate coverage, thus contributing to raising awareness to the communities interested in the outcomes of the project. As described in Section 3.3, the press kit developed for CLINT also contains a leaflet and fact sheet describing the project, its objectives, and its relevance for the peers' community and stakeholders. Press releases will be in English, and translations in the partners national languages will be available also through the partners' websites.

4.3 Networking Activities

4.3.1 Collaboration with Other Projects and CLINT Liaisons

CLINT will make use of linkages to other projects through its partners to further promote the project activities. In addition, informal liaisons and information sharing through the existing contacts and related projects of the consortium partners will support the wider diffusion of CLINT project activities. Examples of such collaboration are provided in Table 4, and will be potentially expanded in the future updates of this report.

Table 4 List of projects with which CLINT could establish liaisons.

PROJECT ACRONYM	PROJECT EXTENDED TITLE	TYPE OF INTERACTION FORSEEN
H2020 GoNEXUS	Innovative tools and solutions for governing the water-energy-food-ecosystems NEXUS under global change	GoNexus will develop decision making models across the water, energy and food nexus on both Lake Como and the Zambezi river basin. These models can potentially use AI-enhanced EE predictions and projections developed in CLINT and, conversely, CLINT might test some of the models developed in GoNEXUS for Climate Services assessment.
H2020 XAIDA	EXTREME EVENTS: artificial intelligence for detection and attribution	XAIDA and CLINT are funded under the same call topic and will address similar challenges from two different angles: more methodological for XAIDA and more application and service oriented for CLINT. Future collaboration will include comparative analysis of developed AI-enhanced tools on the same hotspots.
H2020 CoCliCO	Coastal Climate Core Services	Potential interactions are foreseen in the two CLINT climate change hotspot comprising delta and coastal system (the Netherland and the Zambezi watercourse)

H2020 I-CISK	Innovating climate services through integrating scientific and local knowledge	Seasonal reforecasts and hydroclimatic projections will be used in I-CISK based on improved impact assessment through ML at the regional scale.
OGC CCS	OGC Climate Change Services Initiative	The objective of the Climate Change Services Pilots is to accelerate our collective readiness for accessing, fusing, and analyzing data from the climate change modeling community with earth observation and sozial science data in order to contribute to the global push for achieving climate resilience. Forseen interaction is to exchange best parctise experiences for cliamte change inforamtion systems with respect of the COPERNICUS C3S modules.
TransformAr	Accelerating and upscaling transformational adaptation in Europe: demonstration of water-related innovation packages	TranformAr aims to build transformational adaptation in territories facing acute water-related risks and climate change impacts. To this end it will apply multidisciplinary integrated risk assessment cross-correlating biophysical multi-hazards and macroeconomic implications of climate change for relevant sectors/vulnerable regions. Interaction could be foreseen in the detailed (e.g. high resolution) modelling assessment of hazards, cascading effects and their inter-linkages.

4.4 Scientific Publications

Scientific publications based on project methodologies, processes, and results will be published as open access, whenever possible (gold open access), or in a self-archiving mode (green open access) on partner websites and research collaboration platforms (when the length of the embargo period is acceptable).

Journal papers will present the most significant project results at the highest scientific standards and disseminate them to a scientific audience. As they typically involve long time-to-publish periods, these publications will focus on substantial, matured, and empirically verified project results and are thus more likely to appear towards the project end. No journal papers have been published so far, but some are in preparation. Relevant target journals include:

- *Science*;
- *Nature*;
- *Nature Climate Change*;
- *Nature Sustainability*;
- *Nature Machine Learning*;
- *Science Advances*;
- *Scientific Reports*;

- *Earth's Future*;
- *Water Resources Research*;
- *Climate Services*;
- *Climate Dynamics*;
- *Journal of Climate*;
- *Bulletin of the American Meteorological Society*;
- *Geophysical Research Letters*;
- *Environmental Research Letters*;
- *Machine Learning*;
- *Journal of Machine Learning Research*.

Conference papers will present fresh interim project results of appropriate scientific quality in a timely manner to disseminate them as quickly as possible in the scientific community. Relevant target conferences and workshops include:

- the *European Geosciences Union (EGU) General Assembly*;
- the *American Geophysical Union Fall Meeting (AGU FM)*;
- the *World Environmental & Water Resources (EWRI) congress*;
- the *European Association of Environmental and Resource Economists (EAERE) conference*;
- the *Scientific Assembly of the International Association of Hydrological Sciences (IAHS) conference*;
- the *AMS Conference on Hurricanes and Tropical Meteorology*;
- the *Energy Model Platform for Europe (EMP-E) conference*;
- the *Integrated Assessment Modelling Consortium (IAMC) conference*;
- the *Enlargement and Integration - Digital Transformation, Data and AI in the Western Balkans workshop*;
- the *ITU/WMO/UNEP Workshop on Artificial Intelligence for Natural Disaster Management*;
- the *Conference on Neural Information Processing Systems (NeurIPS)*;
- the *International Conference on Machine Learning (ICML)*;
- the *International Conference on Learning Representations (ICLR)*.

4.5 Dissemination to Policy Makers

CLINT dissemination also aims to present project results to selected public, private, and academic institutions through dedicated workshops and policy briefs to support bottom-up EU policies and discuss the potential uptake of the project's results and the remaining research gaps.

Policy briefs are intended to translate scientific findings into bite-sized pieces, allowing us to reach public administrators and have a potential impact on public policy.

4.6 Dissemination to Hotspot areas stakeholders

In the local scale case studies of the climate change hotspots, dissemination activities will address at least two target stakeholder groups: practitioners and policy-makers. If relevant, e.g. in case of a

national level scientific event, also the local scientific audience will be addressed, but mostly scientific audience will be addressed at international conferences (e.g. EGU at dedicated sessions for the European case studies, and the Waternet conference in southern Africa for the Zambezi case study).

Each of the case studies has a key stakeholder organisation as counterpart for the CLINT WP7 activities (see the endorsement letters that were attached to the project proposal). Dissemination will start within these organisations by target first practitioners including, for example, reservoir operators, operational forecasters, and modellers. Dissemination at this level will be done through multiple small-scale presentations. In some of the case studies, multiple extreme events and/or multiple time scales (S2S, climate change projections) are being addressed, which may be the responsibility of different practitioner teams. Care will be taken to reach all practitioner teams involved.

Policy level stakeholders will be addressed once the developments and results of CLINT have matured further. Here specific activities could be organisation-wide presentations, followed by a dedicated meeting with the management team(s).

Finally, dissemination for the local Climate Change Hotspots aims to extend to the national level, for both practitioners and policy-makers. Here the envisaged approach is to present at national or county level events, and to present at national level disaster risk management committees, for event preparedness and management or planning as most relevant for the specific case study.

The beneficiaries in the Zambezi Watercourse hotspot will include:

- Academic outreach: targeted outreach through the WaterNet symposium, e.g. by holding a special session on climate services and innovations. The symposium is typically attended by Southern African Development Community (SADC) representatives (there we could also link initiatives with I-CISK);
- Policy outreach: SADC and Zambezi Watercourse Commission (ZAMCOM), and through ZAMCOM the represented riparian countries;
- Practitioner outreach: Potentially the Joint Technical Committee to link to water reservoir operators such as Zambezi River Authority (Kariba reservoir) and Hidroelectrica de Cahora Bassa (Cahora Bassa reservoir). Besides, outreach will potentially address local meteorological agencies, power operators (e.g. ZESCO), and other internationally active stakeholders such as WWF.

The beneficiaries in the Lake Como hotspot will include:

- Academic outreach: SISC - Italian Society for Climate Change, which holds regular annual meetings on topics of interest for CLINT;
- Policy outreach: Ministry for Ecological Transition (national level), Regione Lombardia - DG Montagna (regional level);

- Practitioner outreach: Consorzio dell'Adda (lake Como operator) and the main irrigation district boards (Consorzi di Bonifica) have technical offices potentially interested in training sessions.

The beneficiaries in the Douro River Basin hotspot will include:

- Academic outreach: Spanish Association of Meteorology and New Water Culture Foundation, who hold biennial conferences on topics related to CLINT
- Policy outreach: the Directorate General for Water in the Ministry for the Ecological Transition and Demographic Challenge (national level), who is in charge of coordinating the work of all the River Basin Authorities.
- Practitioner outreach: At the regional scale, Douro River Basin Authority, which is the key stakeholder organisation. At the local scale, potential practitioners are: (i) the main Water User Association (Sindicato Central de los Barrios de Luna); (ii) Hydropower company in Los Barrios de Luna Reservoir (Naturgy); (iii) Drinking Water Company of Leon city (Aguas de León). Based on practitioners' needs and interests, workshops and training events might be conducted throughout the project.

The beneficiaries in the Rhine Delta in the Netherlands will include:

- Academic outreach: it will be done mostly at European conferences, e.g. EGU, within sessions that will attract many scientists active in the field of extreme events detection and prediction from the NL. In addition, at the national level STOWA, foundation for applied research for the water boards, will be addressed.
- Policy outreach: policy advisors and management teams of regional water boards of Rijnland and Rijn en IJssel (droughts), and policy advisors flood risk of Rijkswaterstaat of the ministry of Infrastructure and Water Management (national level).
- Practitioner outreach: operational water management teams of the regional water boards of Rijnland and Rijn en IJssel, as well as the regional and national committee for drought event management.

5 KNOWLEDGE TRANSFER AND TRAINING

5.1 CLINT Summer School

As part of the process of knowledge transfer towards all levels and target groups, an online summer school will be organised made open to university students, young researchers, and practitioners, including those from the local Climate Change Hotspot areas. The purpose will be to share knowledge gained in the project, as well as guidance on the key technologies and tools developed and employed in the CLINT framework. The curriculum developed for the summer school will be drawn from the project and its case study areas, as well as from other relevant sources as appropriate (e.g. literature, educational and training material complementary to the covered themes). Instructions will be provided by partners in the project who are themselves teaching in higher education institutions. The summer school will be held during the last year of the project. The date of the school as well as the detailed scope and structure will be decided at a later stage of the project.

5.2 CLINT Webinars

As part of Task T9.3 (Direct Outreach Activities), a series of *CLINT Webinars* and dissemination meetings to be delivered remotely will be organised for know-how transfer and direct outreach to policy-makers and practitioners. Starting from the second year of the project, two webinars per year will be organised and hosted on the CMCC servers. The future updates of this document will include reports on the main outcomes from the held webinars and organisational updates on these activities.

APPENDIX

This appendix reports (in figure form) additional details on CLINT’s visual identity, as well as screenshots of the communication and dissemination materials described in Section 3 and of the communication and dissemination channels described in Section 4.

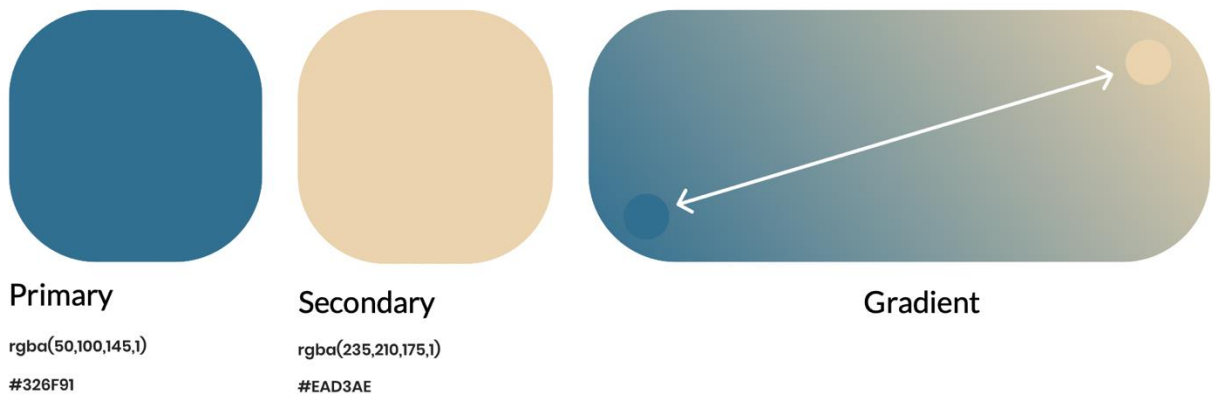


Figure 6 CLINT's logo colour palette.



Figure 7 Alternative versions of CLINT's logo.



Figure 8 Buffer zone of CLINT's logo.

Main

**Josefin Sans
Bold**

ABCDEFGHIJKLMNÑOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Secondary

**Josefin Sans
Regular**

ABCDEFGHIJKLMNÑOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Figure 9 Fonts used in CLINT's logo.



Figure 10 Header of text template for short communication and dissemination documents.



Figure 11 CLINT meeting minutes template: front page (left), main page (right).

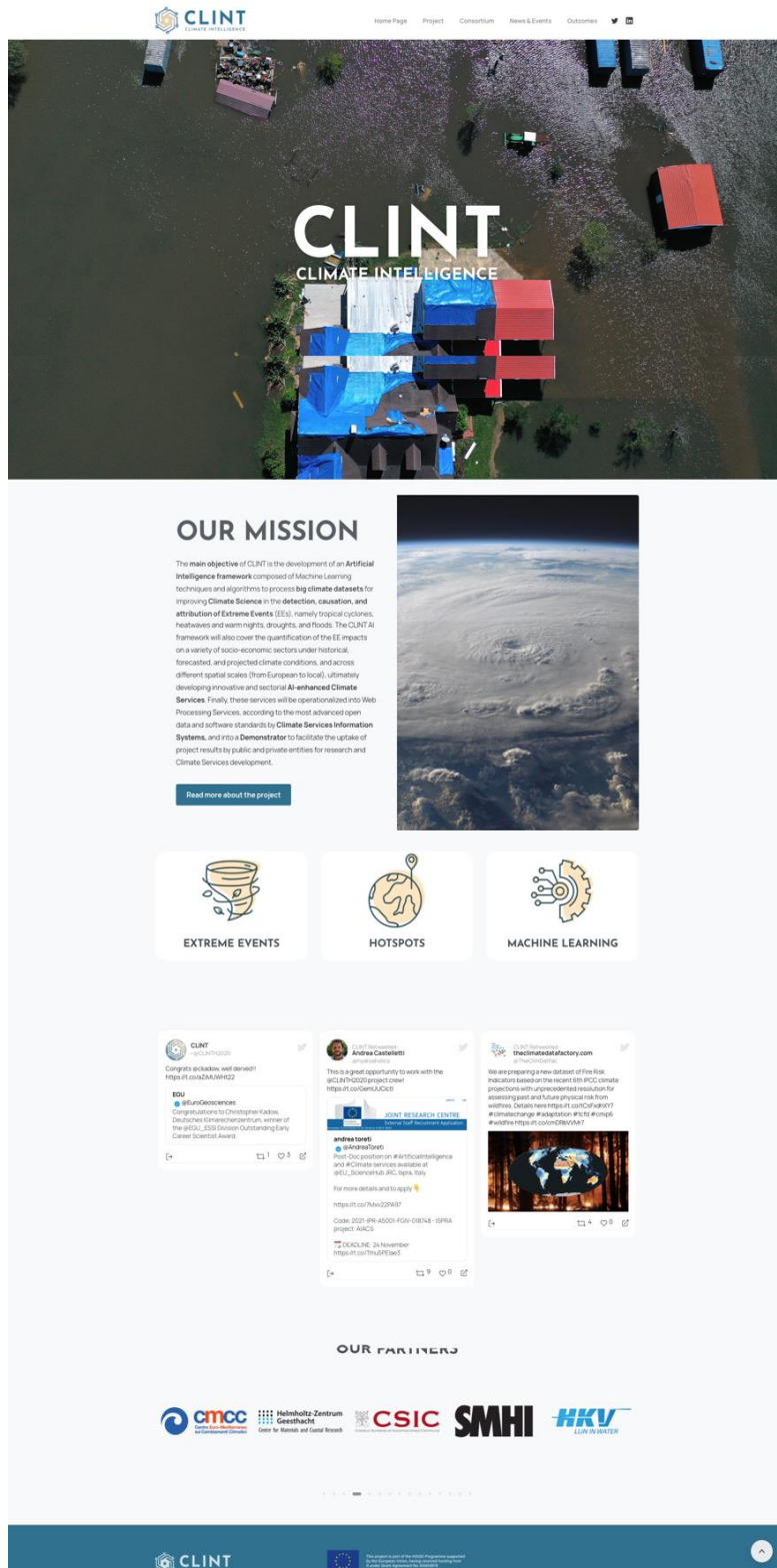


Figure 12 CLINT website: home page. The image at the top is one of five images of EEs, arranged in a randomly rotating slider.

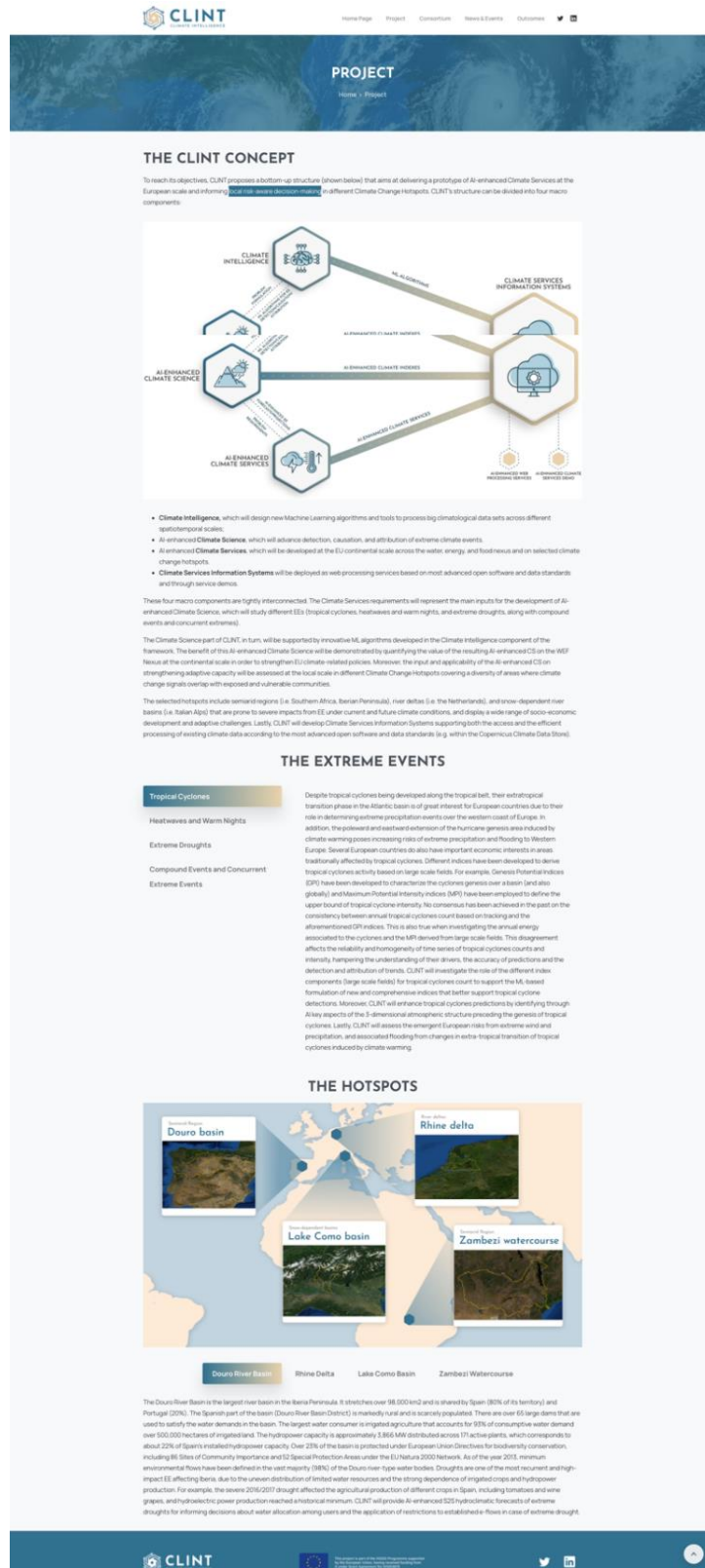


Figure 13 CLINT website: Project section.



Figure 14 CLINT's Twitter account: personal wall.

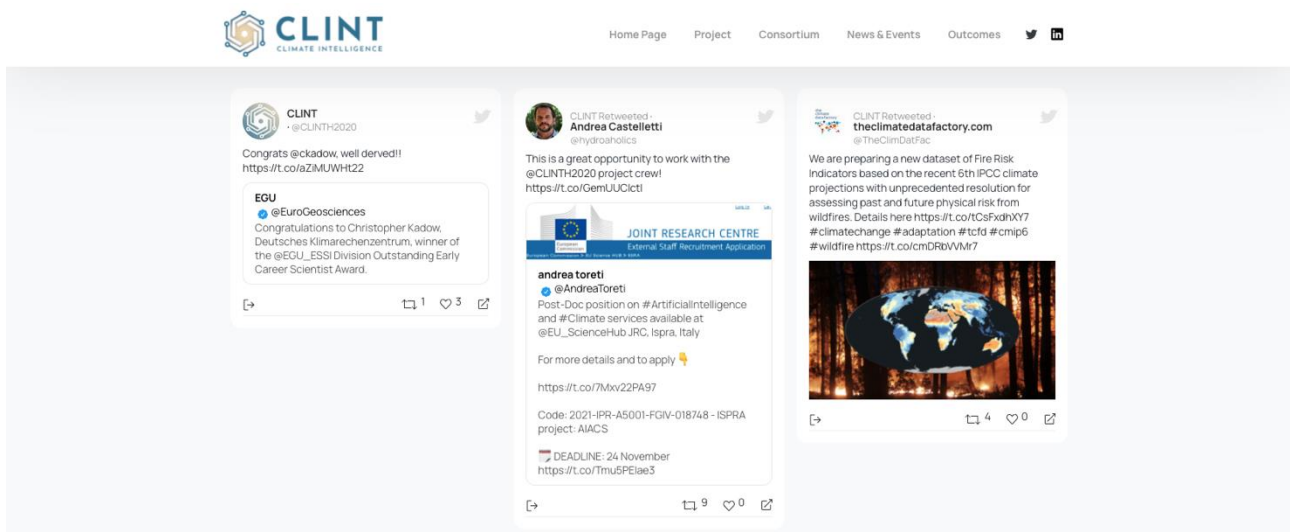


Figure 15 CLINT's Twitter widget on the home page of CLINT's website.



CLINT

CLIMATE INTELLIGENCE



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