



score

D9.2-Mid-term report on dissemination and communication activities

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LIST OF ACRONYMS AND ABBREVIATIONS

Acronym / Abbreviation	Meaning / Full text
CCLL	Coastal City Living Lab
DoA	Description of Action
EBA	Ecosystem-Based Approach
EC	European Commission
GA	Grant Agreement
KPI	Key Performance Indicator
PEDR	Plan for Exploitation and Dissemination of the Project Results
RPO	Research Performing Organisation
SME	Small and Medium Enterprise
M	Month
NBS	Nature-Based Solutions
HRB	Horizon Results Booster
WP	Work Package





BACKGROUND: ABOUT THE SCORE PROJECT

SCORE is a four-year EU-funded project aiming to increase climate resilience in European coastal cities.

The intensification of extreme weather events, coastal erosion and sea-level rise are major challenges to be urgently addressed by European coastal cities. The science behind these disruptive phenomena is complex, and advancing climate resilience requires progress in data acquisition, forecasting, and understanding of the potential risks and impacts for real-scenario interventions. The Ecosystem-Based Approach (EBA) supported by smart technologies has potential to increase climate resilience of European coastal cities; however, it is not yet adequately understood and coordinated at European level.

SCORE outlines a co-creation strategy, developed via Ecosystem-Based Approach a network of 10 coastal city 'living labs' (CCLLs), to rapidly, equitably and sustainably enhance coastal city climate resilience through EBAs and sophisticated digital technologies.

The 10 coastal city living labs involved in the project are: Sligo and Dublin, Ireland; Barcelona/Vilanova i la Geltrú, Benidorm and Oarsoaldea, Spain; Oeiras, Portugal; Massa, Italy; Piran, Slovenia; Gdansk, Poland; Samsun, Turkey.

SCORE will establish an integrated coastal zone management framework for strengthening EBA and smart coastal city policies, creating European leadership in coastal city climate change adaptation in line with The Paris Agreement. It will provide innovative platforms to empower stakeholders' deployment of EBAs to increase climate resilience, business opportunities and financial sustainability of coastal cities.

The SCORE interdisciplinary team consists of 28 world-leading organisations from academia, local authorities, RPOs, and SMEs encompassing a wide range of skills including environmental science and policy, climate modelling, citizen and social science, data management, coastal management and engineering, security and technological aspects of smart sensing research.





EXECUTIVE SUMMARY

This document is a deliverable of the SCORE project, funded under the European Union's Horizon 2020 research and innovation programme under grant agreement No 101003534.

This deliverable is the mid-term report on communication and dissemination, produced as part of Work Package 9 on communication, dissemination and exploitation, whose objectives are to:

- Identify the potential different routes for innovation and exploitation of the project results in order to maximize the project's impact and legacy on a large range of stakeholders;
- Disseminate information about SCORE to a wide range of relevant stakeholders, to engage the community behind the project and ensure effective transfer of SCORE's knowledge outputs and results;
- Ensure maximum visibility of the project through widespread communication activities in order to raise awareness about SCORE and (potential) impact and benefit of SCORE on society.

The scope of this document is to summarise and analyse the communication tools created and dissemination activities performed during the first half of the SCORE project (M1 – M24); the outreach of the communication channels and tools; and the evaluation of performance and impact of these actions and tools, based on pre-established Key Performance Indicators (KPIs).

Several communication resources and tools were developed for SCORE at its launch: MBI created a unique project logo and the accompanying brand guidelines, as well as visuals for PowerPoint presentation and social media. Work Package 9 leader, Euronovia, created all templates and tools to support partners to promote the project in a consistent and efficient manner: PowerPoint and poster presentations, the project flyer, roll-up banner, infographics, as well as the public project website and social media (LinkedIn, Twitter, Facebook and Instagram). All materials and tools will be maintained and updated if necessary, and further resources will be developed over the course of the project in line with the project's Description of Action (DoA) as well as in response to project results and partner, CCLs and stakeholder requirements.

This document is drafted by Euronovia using inputs from all partners. In fact, to achieve a greater impact, partners were regularly invited to share project results and information in their own communication channels and through their existing networks. Great efforts were made by everybody to ensure appropriate visibility of the project and dissemination of first results over the last 2 years. To keep track of all communication and dissemination actions, a collaborative spreadsheet was created and made available by Euronovia on the SharePoint area of the project since M1, that is being regularly updated by partners. This internal tool has been used to monitor and evaluate the dissemination and communication actions undertaken by the consortium during these first 24 months.

The outcomes of this evaluation process show that a high number of communication and dissemination activities were performed by all partners during the first half of the SCORE project. These include a massive use of social media and blogs, organisation of and participation in online and face-to-face events and workshops, delivering of oral and poster presentations, publication of scientific publications and conference proceedings, online articles, videos, newsletters and many more, as detailed in the next sections of this report.

An analysis of the impact of these actions using Key Performance Indicators (KPIs) is presented in the Section 3 and Annex 1 of this report.

The final list of communication and dissemination activities and an analysis of their impact will be included in the final report on dissemination and communication (D9.3) to be submitted at M48.

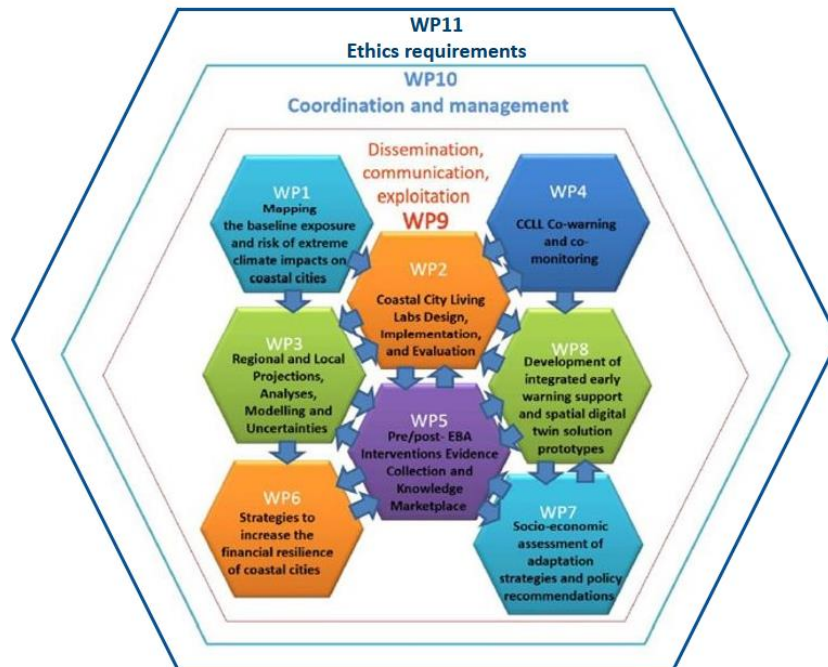




LINKS WITH OTHER PROJECT ACTIVITIES

WP9 is a transversal work package integrating the results of all the WPs in the dissemination and exploitation process: it will ensure that the outputs and learnings arising from all the activities and all WPs of the project are visible to a wide audience and that these can be learned from and implemented on a European scale.

Figure 1: WP9 in relation to other WPs



Links with some of the activities developed within the project are stronger than others, in particular for all those activities that are directly targeting stakeholders at the local/regional level (in particular within WP2), the citizens Science activities planned within WP4, the set of policy guidelines / policy briefs to be produced within WP7, and the networking and synergies activities with other EU projects as part of WP10.





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1. DISSEMINATION AND COMMUNICATION STRATEGY

The planning and execution of the project dissemination activities requires a schedule closely aligned with key project deliverables and milestones. At this scope, the project is organised around 3 phases:

- **Initial awareness phase (Month 0-12)** to ensure the project is known to relevant stakeholders and the public in general. In this phase, we developed the project website, launched 4 social media accounts (SCORE is on LinkedIn, Twitter, Facebook and Instagram) and a YouTube channel, created the project graphical identity (i.e. project logo, branding guidelines, templates for project documents and presentations) and various communication and dissemination materials, including a press release, a newsletter, a project flyer, poster and roll-up banner. In this phase, we also mapped key stakeholders to be included in the project database to optimize targeted communication and dissemination.
- **Targeted dissemination phase (Month 12-36)** to encourage a better understanding of the project results leading to greater engagement of external stakeholders and better future uptake of the project outcomes. To do so, we will not only disseminate project results but also success stories showing how public value is created out of adaptation measures in SCORE. In this phase, the consortium is enriching the website with new content related to activities and tools developed by the consortium, such as links to the Ecosystem-based Adaptation catalogue, to the SCORE Platform populated with data and sensors from some CCLs, to the SCORE Community Geosurveys maps (the tool for citizen science activities). During this phase, project partners attend relevant international congresses, national events and workshops to present project results, some of which are leading to conference proceedings. Preliminary project results are also being disseminated to the target audiences through scientific publications. In this phase, the mapping of project exploitable results has started.
- **Presentation of results (Month 36-48):** this represents the period just prior to the end of the project when the project reaches its most significant outputs. This will be the most active period in the whole PEDR strategy, matching with the finalisation of the project and the publications of the final project results. Exploitation of these results will also be ensured by outlining the actions required to fulfil their market potential. Knowledge Transfer Plans (KTPs) will be mapped, detailing customised transfer activities for the (target/end) user. This will contribute to maximising the project's impact and legacy on a large range of stakeholders.

1.1. Purpose of the communication and dissemination actions

The communication activities that are part of the dissemination plan of the project are tailored to ensure that important messages are widespread to the adequate targeted audience and that the public at large gets connected with SCORE. Such activities complement the dissemination as they “translate” the sometimes-complex results into easy-to-understand resources focusing more on the impacts and added value for the end-users of SCORE findings and the society in general.

The main purposes of the communication and dissemination activities of the project have been defined as follow:

- Show how European collaboration has achieved more than would have otherwise been possible, notably in achieving scientific excellence, contributing to competitiveness and solving societal challenges. This is done thanks to the extensive ongoing collaborations and joint activities developed by the 28 partners in the 10





Coastal City Living Labs (CCLLs) spread across Europe. Our aim is to ensure that any solution we come up with to increase climate resilience is suitable to be replicated anywhere else. In particular, we are developing several smart technologies and digital platforms aiming to improve the management and adaptation system of Europe's coastlines.

- Show how the outcomes are relevant to our everyday lives, by creating jobs, introducing novel technologies, or making our lives better. To do so, the SCORE project directly involves citizens, scientists, policy makers and other stakeholders in several science activities, such as the design process of EBA solutions through low-cost sensors.
- Make better use of the results, by making sure they are taken-up by industry and the scientific community to ensure follow-up, and also by decision-makers to influence policymaking. Experiences and lessons learned in the 10 CCLLs will serve to prepare recommendations for stakeholders at the European, national and regional level, that will be included in and disseminated through Policy briefs and Policy guidelines.

The different dissemination and communication activities and tools created and implemented in the first half of the project are presented below.

2. COMMUNICATION TOOLS AND DISSEMINATION ACTIVITIES

2.1. Branding

The project branding was developed at the beginning of the project to help all partners communicate about SCORE in a uniform, consistent, and professional manner. The project logo, visual identity, and templates for Word and PowerPoint were designed shortly after the launch of the project.

2.1.1. Logo and visual identity

The **SCORE logo** consists of a clear and modern font and of an icon representing a wave composed of different shades of blue. This icon symbolises both the water element typical of the coastal cities as well as the specific challenges tackled by the project, such as the increase of sea levels, coastal erosion, and extreme weather events. This logo is used in all communications (written deliverables, event flyers, presentations, invitations etc.) to ensure project recognition and visibility.

The **project's graphical identity** includes fonts, colours, and texts directly derived from the project logotype. Such visual identity is defined by the project logo, and it is used in all dissemination tools and printed materials. For more detailed information on the project graphical identity, please [see deliverable D9.5](#).

Figure 2: SCORE project logo





2.1.2. Templates

Based on the project graphical identity, several **templates** were produced during the first months of the project and are used by all partners whenever needed:

- A template for deliverables;
- A template for deliverables' review reports;
- A template for a meeting's agenda;
- A template for a meeting's minutes;
- A template for PowerPoint presentations.

Other templates will be produced, as necessary, in the course of the project. As an example, templates for infographics have recently been prepared by ERINN and Euronovia to help CCLLs to illustrate the main hazards they are facing and the EBA that were selected as solutions to better protect them. Also, a template for policy briefs is planned to be prepared by the project coordinator in the next months to help the different CCLLs in preparing relevant recommendations to reach local and regional stakeholders.

Figure 3: Power Point template



Figure 4: Deliverable template

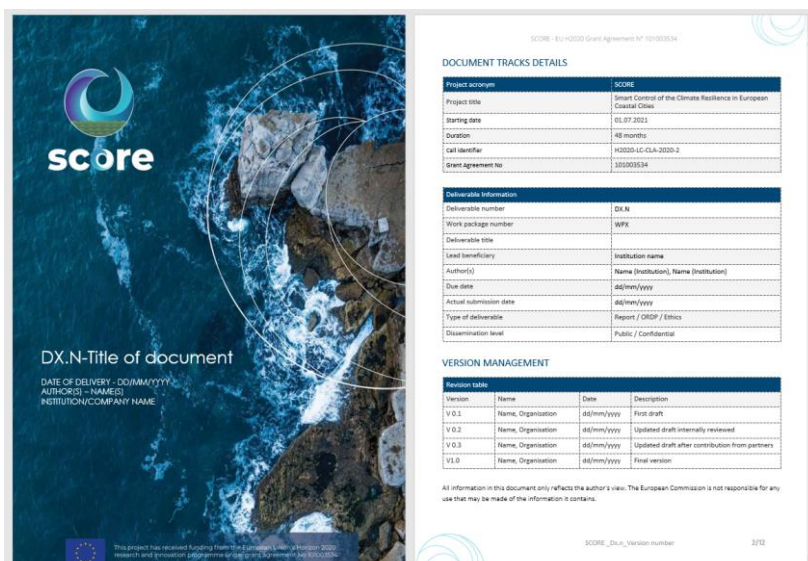




Figure 5: Agenda and meeting minutes template

The figure displays three templates for project communication materials:

- Agenda Template:** Features the SCORE logo and a background image of a globe. It includes fields for 'Name of the project meeting', 'DATE OF THE MEETING', and 'PLACE OF THE MEETING'. Below these are two tables for agenda items, each with columns for 'TIME', 'TOPIC', and 'RESPONSIBLE'. The first table is for 'DAY 1' (13.06-13.06) and the second for 'DAY 2' (14.06-14.06).
- Meeting Minutes Template:** Features the SCORE logo and a background image of a globe. It includes fields for 'DATE - DD/MM/YYYY', 'PLACE - Web meeting or physical', 'AUTHOR(S) - Name(s)', and 'INSTITUTION/COMPANY NAME'. Below these is a table for 'Meeting minutes' with columns for 'TIME', 'TOPIC', and 'RESPONSIBLE'. The table is for 'DAY 1' (13.06-13.06).
- Document Tracks Details Template:** Features the SCORE logo and a background image of a globe. It includes a table for 'DOCUMENT TRACKS DETAILS' with columns for 'Identification' and 'SCORE'. Below this is a table for 'VERSION MANAGEMENT' with columns for 'Version', 'Name', 'Date', and 'Description'. The table has three rows: 'V 0.1', 'V 0.2', and 'V 1.0'. Below the tables is a disclaimer: 'All information in this document only reflects the author's view. The European Commission is not responsible for any use that may be made of the information it contains.'

2.2. Communication material

During the first six months of the project, the following printed communication materials were prepared and distributed to project partners in order to ensure effective communication and increase public awareness of the project. These communication materials have been used by partners for events in which they participated to promote the project and its early results.

2.2.1. One page project description / Information sheet

An **information sheet**/consent form translated into different languages was prepared at the start of the project for distribution to participants in any project-related activity where necessary (workshops, scientific research, user requirements and socio-economic studies, and system testing). This document contains a simple description of the SCORE project and its objectives, as well as a Consent Form that participants will be requested to sign, in some cases, before the start of specific research activities.

2.2.2. Flyer

A project **flyer** with general information on the project and the 10 CCLLs was created at M6. The flyer has been distributed to partners who print it and distribute it when organising or attending external events. The flyer is available for download at: https://score-eu-project.eu/wp-content/uploads/2023/05/Score_Flyer_web.pdf.





Figure 6: SCORE flyer

About SCORE

SCORE is an EU-funded project aiming to develop a network of 10 coastal city 'living labs' (CCLs) addressing water and climate related hazard to enhance coastal city climate resilience through an **Ecosystem-Based Approach (EBA)** and smart technologies.

28 partners
12 countries
4 years
01.07.21 - 30.06.25 start-end
10M euros

Follow us on social media

The SCORE consortium partners

PROJECT COORDINATOR
Dr. Salen Charalá, ATU Sligo, Ireland
contact@score-eu-project.eu

Smart control of the climate resilience in European coastal cities

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101003534.

Project concept

The intensification of extreme weather events, coastal erosion and sea-level rise are major challenges to be urgently addressed by European coastal cities.

To tackle these challenges, SCORE will develop and deliver a new generation of tools, technologies and methodologies, as well as validated EBAs, to enable exploration of different mitigation actions and risks.

Coastal City Living Labs (CCLs)

CCL is one of the main concepts behind SCORE. It is a new approach that expands the living lab concept in coastal cities to address climate change adaptation and resilience issues through Ecosystem-Based Approaches (EBAs) and smart technologies.

These CCLs are evenly distributed across Europe to make sure that any solution we come up with to increase climate resilience is suitable to be replicated anywhere else.

The CCLs will directly involve citizens, scientists, policy makers and other stakeholders in the design process of EBA solutions through low-cost sensors for citizen science activities in order to raise their awareness of EBAs. The objective is to provide local authorities and citizens a framework and tools for continuing their engagement after the end of the project. If you would like to be involved in our activities, contact us through our website: www.score-eu-project.eu

CLIMATE AND WATER-RESILIENT URBAN AREAS

2.2.3. Poster and roll-up banner

A project poster template and a roll-up banner were created in the first months of the project to be printed and used during external conferences and events attended by the consortium to promote and increase the results arising from the project. The poster is easily editable by project partners in order to include their latest results.

Figure 7: SCORE poster and roll-up

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Smart control of the climate resilience in European coastal cities

SCORE aims to develop a network of 10 coastal city 'living labs' (CCLs) addressing water and climate-related hazards to increase climate resilience of European coastal cities using an integrated approach of smart technologies and nature-based solutions.

28 partners
12 countries
4 years
01.07.21 - 30.06.25 start-end
10M euros

Coastal City Living Labs (CCLs)

SCORE is establishing a network of 10 coastal city 'living labs' that will involve citizens, scientists, policy makers and other stakeholders in providing proactive coastal city early-warning systems.

Expected outcomes

- Iterative risk analysis and mapping of extreme climate impacts and sea level rise
- Coastal City Living Lab (CCL) design, implementation and evaluation framework and lessons learned
- Climatic downscaling methods, data and uncertainties
- Models for coastal hazard predictions
- Citizen science solutions for climate change monitoring
- A new database containing the processed data and the main SCORE outcomes
- A software for the design and evaluation of financial resilience strategies
- Socio-economic assessment of risk interventions and policy recommendations

Our partners

www.score-eu-project.eu | contact@score-eu-project.eu

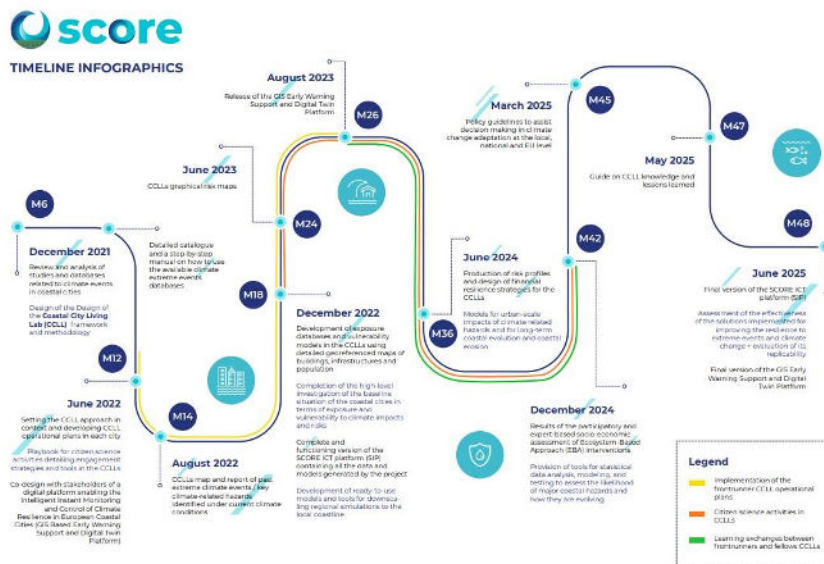




2.2.4. Infographics

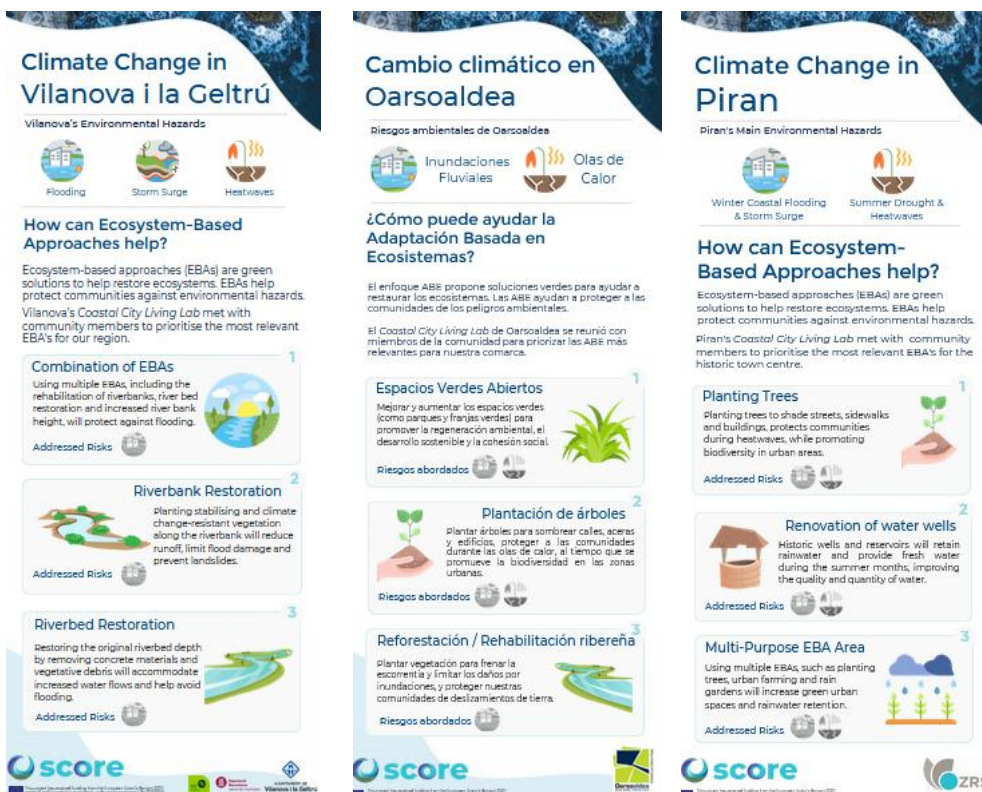
A timeline infographic was created to illustrate the key activities of the project throughout its duration. It was widely distributed online (SCORE website, social media) and through the project newsletter. It is available for download at: https://score-eu-project.eu/wp-content/uploads/2022/07/Timeline_Infographic-SCORE.pdf.

Figure 8: SCORE Infographics



In addition, within WP2 activities, three CCLLs (Vilanova i la Geltrú, Orsoaldea and Piran) have prepared infographics displaying the main hazards their cities are facing and the EBA that were selected to better protect them. Each infographic is available in English and in the local languages for better dissemination. The other CCLLs will also prepare their own infographics in the coming months.

Figure 9: SCORE CCLLs Infographics





2.2.5. Project audio-video material and YouTube Channel

Several videos were produced and posted online during this first 24 months of the project, especially to ensure visibility of the project following its launch:

- A **SCORE presentation video** was produced by the communication office of ATU immediately after the launch of the project: https://www.youtube.com/watch?v=tHla4FppfWk&embeds_referring_euri=https%3A%2F%2Fscore-eu-project.eu%2F&source_ve_path=Mjg2NjY&feature=emb_logo;
- A **podcast** was produced by ATU in July 2021 to present the project (<https://soundcloud.com/aidan-haughey-255918628/it-sligo-to-lead-10m-horizon-2020-project-to-increase-climate-resilience-in-european-coastal-cities>).

Both were disseminated through ATU's website and social media channels, and the video uploaded to the SCORE YouTube Channel and are showcased on the SCORE website.

In addition, the Irish Minister for Further and Higher Education, Research, Innovation and Science, Mr Simon Harris, supported the launch of the project with a **video message** to the SCORE consortium during the kick-off meeting: <https://twitter.com/itsligo/status/1415663482339577862?s=20>. The video received almost 2k views on Twitter.

Several videos were also produced by UCD to promote the activities related to the Minecraft workshops:

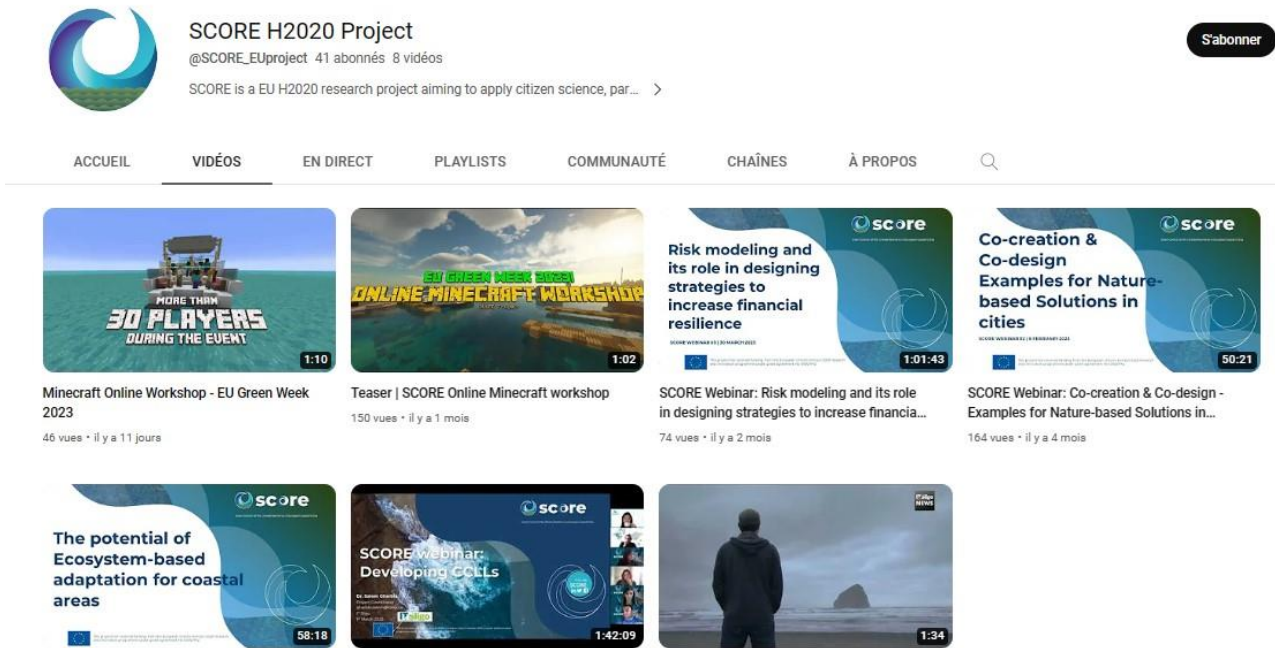
- A **teaser** for the SCORE Online Minecraft workshop taking place on 7 June 2023 as part of the 1st SCORE Training School. The video was posted on the SCORE YouTube channel and promoted on social media: <https://www.youtube.com/watch?v=-nNuLn4VLz8>.
- A **summary video** of the online Minecraft workshop: <https://youtu.be/7rHywzTGjOM>
- **Other short videos** were also produced to promote these Minecraft activities on social media (examples: <https://www.linkedin.com/feed/update/urn:li:activity:7069243553868083200/> and <https://www.linkedin.com/feed/update/urn:li:activity:7067422783948906496/>).

To gather all these different project videos in one place, a SCORE **YouTube channel** was created in March 2022 (https://www.youtube.com/@SCORE_EUproject/about). At M24, this YouTube channel contains 7 videos (SCORE presentation video, recordings of 4 project webinars, the teaser and the presentation of the SCORE Minecraft workshop) obtaining 1280 views and 41 subscribers. This YouTube channel will be fed with additional videos throughout the project lifetime, including the recordings of the **webinars** and the **interviews of partners**. The Minecraft workshop was also livestreamed through the SCORE YouTube channel on 7 June 2023 in the framework of the SCORE training school and the EU Green Week.





Figure 10: SCORE YouTube Channel



2.3. Website

The project website was launched in October 2021 at the following address: <https://score-eu-project.eu>. It is of crucial importance to enhance the visibility of SCORE as it serves as the main communication tool for the wide dissemination of the project activities, deliverables, and outcomes.

Together with social media, the website is a key tool for reaching out to a wide audience, communicate about the project and its results. The website provides essential information on the project, such as its concept and objectives, workplan, partners, activities, technology to be developed, information on the CCLs, news, publications, and more.

Figure 11: SCORE Homepage of the SCORE website



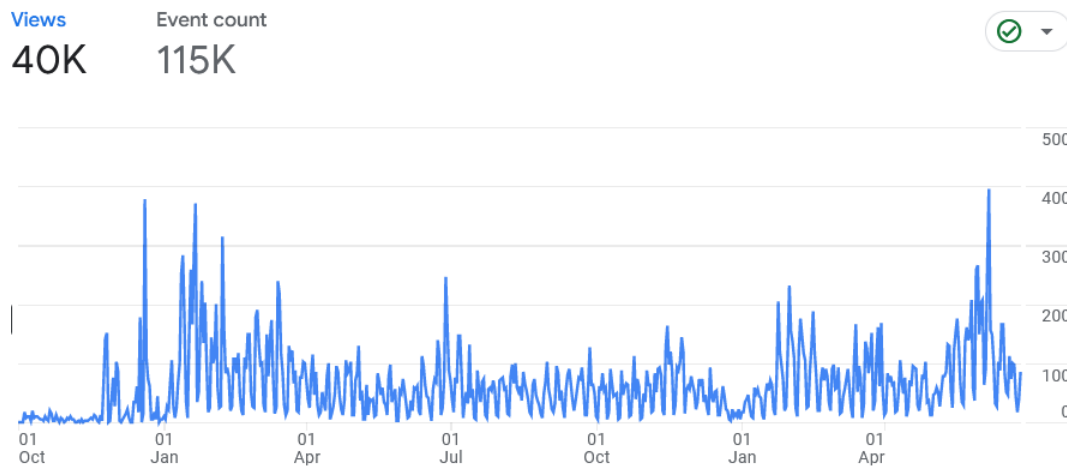


The content of the website is updated as the project progresses, including new pages and news which are regularly published to inform about achievements or events organised by the project partners. At M24, 45 news have been published on the SCORE website. Each CCLL has a specific page which is currently being updated with a new section featuring local news.

More information on the content and structure of the website can be found in the dedicated deliverable D9.6.

The impact of the website is monitored using Google Analytics. In the period from October 2021 to June 2023, the website was visited by 10,510 visitors, with 39,738 page views and an average visit duration of 1.26 minutes.

Figure 12: Overview of the SCORE website page views over time



The website received an excellent worldwide coverage, with visitors spread over all continents (**138 countries** mapped), demonstrating a worldwide interest in the project. The top-10 countries of origin of the website's visitors are: Ireland, Spain, the Netherlands, the United States, Italy, France, Finland, Portugal, Austria and the United Kingdom.

The presence of the United States, Finland, Austria, and the United Kingdom in this top-ten clearly demonstrates that the project is reaching well outside the borders of the project partners' countries.

Figure 13: SCORE website visitors by country



The most visited pages, after the homepage, are the pages describing the SCORE team, the page on the project concept and the page describing the first edition of the SCORE Climate Adaptation Training School. This shows that





the important efforts made in terms of communication to promote this important event were very fruitful and contributed to make it visible.

Table 1: Most visited pages of the SCORE website

Page	Views
Homepage	13,601
Our Team	2,268
Project Concept	1,729
SCORE Climate Adaptation Training School – First edition	1,676
Partners	1,489
News & Events	1,465
Deliverables	1,341
CCLLs	1,184
Contact	986
Workplan	919

2.4. Social media and online presence

Social media is widely being used by the consortium to inform and connect with professionals, policymakers and the scientific community as well as to reach out to the general public (students, citizens, local communities).

2.4.1. SCORE social media accounts

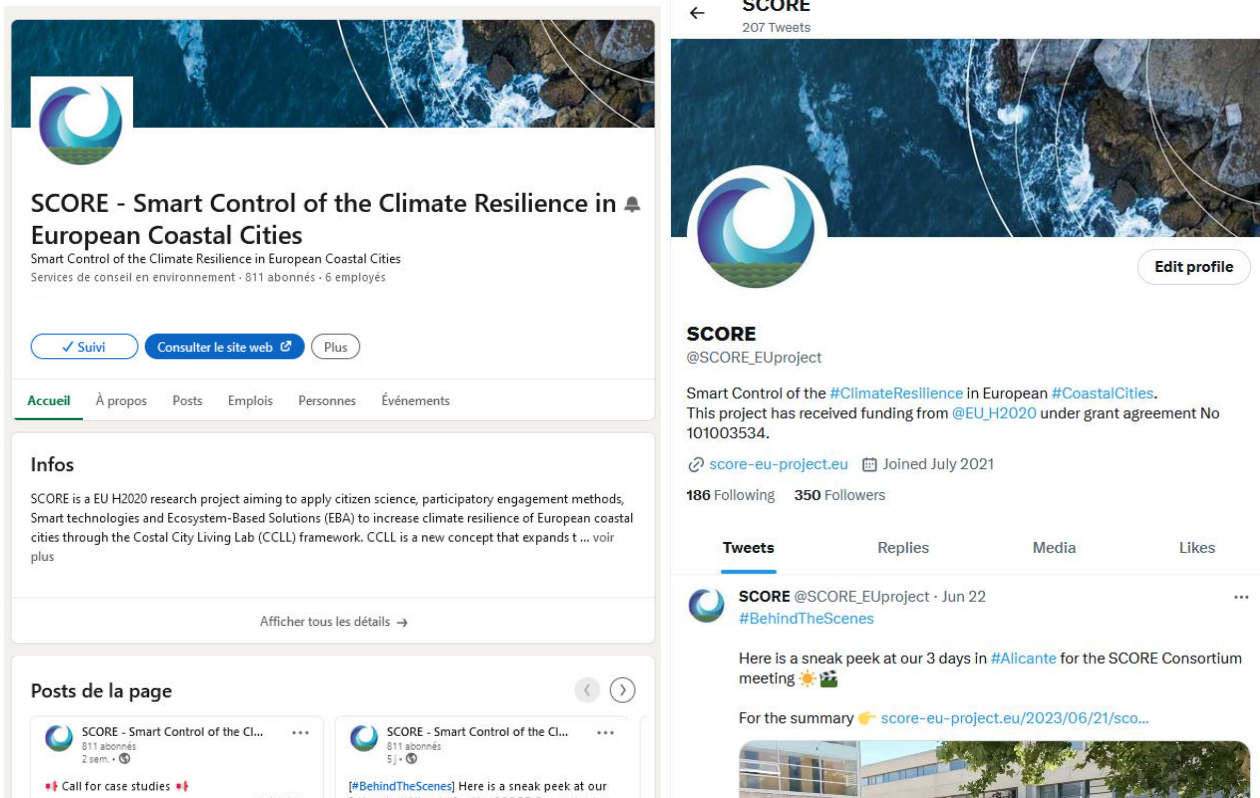
A [LinkedIn page](#) and a [Twitter account](#) were created right before the start of the project, in June 2021, in order to inform researchers, stakeholders and similar EU projects of the launch of the project:

- The **LinkedIn** account is managed by Euronovia and ATU with the aim to disseminate official project information among a professional audience. Partners and CCLLs regularly contributes to write posts on LinkedIn using their personal/institutional LinkedIn accounts: this way they are able to raise awareness of the project among their contact networks and the consortium reaps the benefits of the partners' combined networks to reach a wider audience. The account currently has 811 followers with an average monthly increase of 9%, and 130 posts.
- The **Twitter** account is managed by Euronovia, in a more informal way, especially to retweet partners and tweets coming from CCLLs' members to keep the followers updated on the work undertaken daily by each partner. The account currently has 350 followers with an average monthly increase of 6%, and 207 tweets.





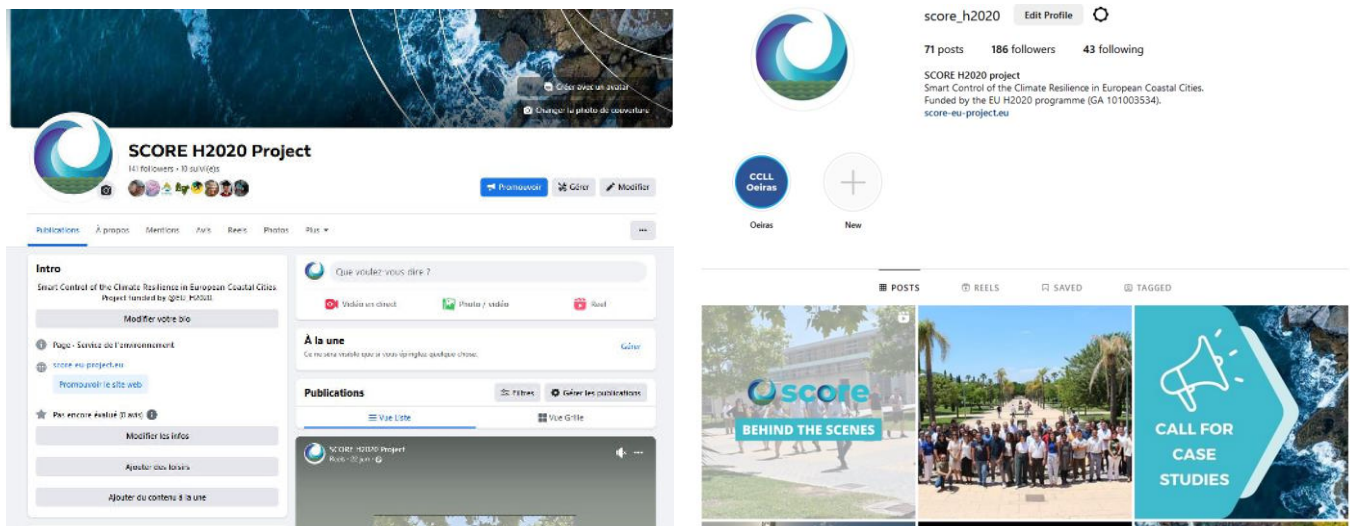
Figure 14: SCORE LinkedIn and Twitter accounts



A [Facebook page](#) and an [Instagram account](#) were created in September and October 2021 respectively to primarily target students and the general public, with content focused on educating the public on climate change and its effects on coastal cities:

- The **Instagram** account is run by each CCLL for 1 week/month on a rotational basis: they publish stories and posts with updates on their work within the project. Additional, project level content is published by Euronovia. The account currently has 191 followers and 71 publications.
- The **Facebook** page is managed by Euronovia, ERINN and ATU who feed it by reposting relevant LinkedIn, Twitter and Instagram publications from partners and CCLLs. The account currently has 141 followers.

Figure 15: SCORE Facebook and Instagram accounts





A **social media strategy** and calendar were created around M12 to ensure an efficient and coordinated contribution from all partners and CCLLs. This strategy is available in the project's SharePoint to guide all members of the consortium and reminders are sent regularly by Euronovia. The content shared on the SCORE accounts is a mix of project level and local news from the CCLLs, as well as more generic information on SCORE's topics of interest (e.g., climate adaptation and resilience, ecosystem-based approaches).

The SCORE social media accounts are contributing to developing a community of people interested in how the project is going to tackle climate change and its effects on coastal cities, to raise awareness on the project and its objectives and to allow for more interaction with related initiatives.

The **impact of these tools is being monitored monthly** through the tools listed below in order to identify the best performing content both in terms of **impressions** and **engagement**:

- Statistics on the use of Twitter have been collected through Twitter Analytics,
- Facebook Insights provides useful information on how the content is resonating with the audience, how the page is growing and performing,
- The impact of the LinkedIn page is accessible by the group administrators,
- For Instagram we take into consideration the evolution of the number of followers/likes.

The KPIs analysis, included those related to social media, is available in Annex 1. A more detailed impact analysis by month (page views, clicks, impressions, etc.) for each social media channel is available upon request to Euronovia.

2.4.2. Partners' social media accounts and websites

In addition to the SCORE official accounts, project partners used their own personal and institutional websites and social media accounts to raise awareness of SCORE and to disseminate the activities taking place within the project to their networks. This contributed to expand the reach of the project to those people who are interested in the coastal and climate adaptations but who are not necessarily part of the SCORE community.

At M24, we have registered **369 news** published by partners in their institutional websites and **376 posts** published on their social media accounts.

Lastly, three CCLL have chosen to set up their own social media accounts in order to reach their communities in their own languages and publish more local news about their different activities:

- Gdansk (Polish): [Twitter](#) and [Instagram](#)
- Dublin (English): [Twitter](#)
- Benidorm (Spanish): [Twitter](#)

2.5. Publications

2.5.1. SCORE biannual newsletter

At M24, **3 newsletters** (out of 8 planned over the whole project duration) were sent out to our ever-growing subscribers list (305 subscribers as of June 2023). The newsletters are published regularly every 6 months and include the latest project news with links to the website in order to drive more traffic.





All newsletters are also made available on the project website and are disseminated through all social media platforms.

- [Newsletter 1: January 2022](#)
- [Newsletter 2: July 2022](#)
- [Newsletter 3: January 2023](#)

The next newsletter will be published in July 2023. On average, the opening rate for the SCORE newsletter is 53% and the click rate 40%.

2.5.2. SCORE press release

A **press release** including the most important information related to the project (scope, objectives, messages) was drafted in July 2021 to officially communicate the launch of the project. It is available for download in the project website: https://score-eu-project.eu/wp-content/uploads/2021/12/SCORE_PR_-_press-release_website.pdf.

The press release was translated into French, Spanish and Italian and distributed by the project partners to their contact networks and widely published through their institutional websites and social networks. ATU sent also their press release to all regional press in the Northwest of Ireland.

2.5.3. Media appearances

SCORE partners have been very active with the media at regional, national and European levels.

At mid-term, we have identified **61 media appearances** of SCORE in regional and national online and print media. Among these, we would like to highlight:

- The publication of the article "[Using nature and data to weather coastal storms](#)" featuring the SCORE project, that was published in Horizon, the EU's Research and Innovation magazine, on 11 August 2022.
- The **video interview** with the project coordinator that was broadcast by the RTE News (Ireland's National Public Service Media) in June 2021 to promote the coastal living labs approach in Ireland (<https://www.rte.ie/news/connacht/2021/0930/1250003-sligo-coastal-study/>).

Several other videos and interviews have been broadcast by local and regional TV and radio channels in Slovenia and Italy. The full list of media appearances is available upon request to Euronovia.

Table 2: Overview of media appearances by country and type

Country	Media appearances
Turkey	1
Ireland	6
Slovenia	19
Italy	21
Spain	11
Europe	3

Type	Media appearances
Online article	34
TV	9
Radio	8
Print article	10





2.5.4. Relevant non-scientific publications

In addition to the publications cited above, the SCORE project was also featured in other external publications, among which we highlight the following ones:

- The **blog article** “[Nature Will Guide You: NbS in European Coastal Cities](#)” was published on the Urbanet website by SCORE project partners ERINN and IHS to present the innovative approach of SCORE that focuses both on NbS and living labs to address societal challenges through a participatory approach.
- SCORE, together with the CoCliCo and PROTECT projects, prepared a **policy brief** entitled “[When will a 2 meter rise in sea level occur, and how might we adapt?](#)” recommending best practices for European coastal cities to tackle dramatic sea level rise in the coming decades, and even centuries. This policy brief was presented on 7 November 2022 at the COP 27 session “IPCC Projections & Planning for Extreme Sea Level Rise Risk” and it was also presented during a webinar of the PROTECT project, that is available [on YouTube](#).
- SCORE was featured in the “**Sea’ties Regional Report – [Adapting Coastal Cities and Territories to Sea Level Rise in the Mediterranean Region, Challenges and Best Practices](#)**” where the SCORE project and its Coastal Cities Living Labs (CCLLs) are one of two case studies presented (see page 26-27). This report was published with the support of the City of Marseille, Plan Bleu and MedECC and was presented on 12 November 2022 during the COP27, both online and at the Mediterranean Pavilion.
- Following the project’s contributions to the COP27, SCORE was highlighted as a **featured project by CINEA**, which promoted it on its website and social media: https://cinea.ec.europa.eu/featured-projects/score-coastal-city-living-lab_en.

2.5.5. Scientific publications

During the duration of the project, the consortium is actively disseminating its results through scientific publications. At M24, partners have published **27 scientific publications**, including:

□ 16 Journal articles:

- Giannetti, F.; Reggiannini, R. Opportunistic Rain Rate Estimation from Measurements of Satellite Downlink Attenuation: A Survey. *Sensors* 2021, 21, 5872. <https://doi.org/10.3390/s21175872>
- Gharbia, S.; Riaz, K.; Anton, I.; Makrai, G.; Gill, L.; Creedon, L.; McAfee, M.; Johnston, P.; Pilla, F. Hybrid Data-Driven Models for Hydrological Simulation and Projection on the Catchment Scale. *Sustainability* 2022, 14, 4037. <https://doi.org/10.3390/su14074037>
- Toledo, I.; Pagán, J. I.; López, I.; Aragonés, L. Causes of the different behaviour against erosion: Study case of the Benidorm Beaches (1956–2021), *Marine Georesources & Geotechnology*, 2022, <https://doi.org/10.1080/1064119X.2022.2084003>
- Espinosa, L.A.; Portela, M.M. Grid-Point Rainfall Trends, Teleconnection Patterns, and Regionalised Droughts in Portugal (1919–2019). *Water* 2022, 14, 1863. <https://doi.org/10.3390/w14121863>
- Saggese, F.; Lottici, V.; Giannetti, F. Rainfall Map from Attenuation Data Fusion of Satellite Broadcast and Commercial Microwave Links. *Sensors* 2022, 22, 7019.
- Meulenbergh, C.J.W.; Hawke, S.M.; Cavaion, I.; Kumer, P.; Lenarčič, B. Understanding interdisciplinarity through Adriatic maricultures and climate change adaptation. *Visions for Sustainability*, 2022, 18, 6945, 11-36. <https://doi.org/10.13135/2384-8677/6945>





- Espinosa, L.A.; Portela, M.M.; Matos, J.P.; Gharbia, S. Climate Change Trends in a European Coastal Metropolitan Area: Rainfall, Temperature, and Extreme Events (1864–2021). *Atmosphere* 2022, 13, 1995. <https://doi.org/10.3390/atmos13121995>
- Tiwari, A.; Rodrigues, L.C.; Lucy, F.E.; Gharbia, S. Building Climate Resilience in Coastal City Living Labs Using Ecosystem-Based Adaptation: A Systematic Review. *Sustainability* 2022, 14, 10863. <https://doi.org/10.3390/su141710863>
- Barańczuk, J.; Zeleňáková, M.; Abd-Elhamid, H.F.; Barańczuk, K.; Gharbia, S.S.; Blišťan, P.; Meulenberg, C.J.W.; Kumer, P.; Golus, W.; Markowski, M. Prediction of Actual from Climatic Precipitation with Data Collected from Northern Poland: A Statistical Approach. *Sensors* 2023, 23, 1159. <https://doi.org/10.3390/s23031159>
- Ahmed, T.; Creedon, L.; Gharbia, S.S. Low-Cost Sensors for Monitoring Coastal Climate Hazards: A Systematic Review and Meta-Analysis. *Sensors* 2023, 23, 1717. <https://doi.org/10.3390/s23031717>
- Riera-Spiegelhalder, M.; Campos-Rodrigues, L.; Enseñado, E.M.; Dekker-Arlain, J.d.; Papadopoulou, O.; Arampatzis, S.; Vervoort, K. Socio-Economic Assessment of Ecosystem-Based and Other Adaptation Strategies in Coastal Areas: A Systematic Review. *J. Mar. Sci. Eng.* 2023, 11, 319. <https://doi.org/10.3390/jmse11020319>
- Riaz, K.; McAfee, M.; Gharbia, S.S. Management of Climate Resilience: Exploring the Potential of Digital Twin Technology, 3D City Modelling, and Early Warning Systems. *Sensors* 2023, 23, 2659. <https://doi.org/10.3390/s23052659>
- Abd-Elhamid, H.F.; Zeleňáková, M.; Barańczuk, J.; Gergelova, M.B.; Mahdy, M. Historical Trend Analysis and Forecasting of Shoreline Change at the Nile Delta Using RS Data and GIS with the DSAS Tool. *Remote Sens.* 2023, 15, 1737. <https://doi.org/10.3390/rs15071737>
- Kumer P., Meulenberg C., & Kralj E. (2023). Challenges for planning climate change resilience through the co-creation living lab approach in the Mediterranean coastal town of Piran . *Journal for Geography*, 17(2), 89-106. <https://doi.org/10.18690/rg.17.2.2737>
- Sapienza, F., Bacci, G., Giannetti, F., Lottici, V., Vaccaro, A., Serafino, G., ... & Facheris, L. (2023). A Feasibility Study on Opportunistic Rainfall Measurement From Satellite TV Broadcasts. *URSI RADIO SCIENCE LETTERS*, VOL. 4, 2022. <https://doi.org/10.46620/22-0033>
- Antonini, A.; Melani, S.; Mazza, A.; Baldini, L.; Adirosi, E.; Ortolani, A. Development and Calibration of a Low-Cost, Piezoelectric Rainfall Sensor through Machine Learning. *Sensors* 2022, 22, 6638. <https://doi.org/10.3390/s22176638>

□ 6 Conference proceedings:

- Adirosi, E.; Facheris, L.; Giannetti, F.; Sapienza, F.; Bacci, G.; Vaccaro, A.; Mazza, A.; Ortolani, A.; Baldini, L. On the influence of the vertical variability on the Earth-to-satellite communication link rain retrievals, 2022 3rd URSI Atlantic and Asia Pacific Radio Science Meeting (AT-AP-RASC), Gran Canaria, Spain, 2022, pp. 1-4. <https://doi.org/10.23919/AT-AP-RASC54737.2022.9814224>
- Giannetti, F.; Vaccaro, A.; Sapienza, F.; Bacci, G.; Lottici, V.; Baldini, L. Multi-Satellite Rain Sensing: Design Criteria and Implementation Issues, 2022 3rd URSI Atlantic and Asia Pacific Radio Science Meeting (AT-AP-RASC), Gran Canaria, Spain, 2022, pp. 1-4, <https://doi.org/10.23919/AT-AP-RASC54737.2022.9814405>.





- Beden, N.; Oksal, N. G. S.; Ariman, S.; Haliloglu, S.; Ahmadzai, H. City Living Labs for Sustainability and Resilience of Climate Change. In Proceeding Book, 3rd International Conference on Applied Engineering and Natural Sciences; Konya, Turkey, 2022, ISBN: 978-625-00-0830-0
- Zelenakova, M.; Abd-Elhamid, H.; Barańczuk, K.; Barańczuk, J. Assessment and adaptation to climate change and sea level rise impacts on Egypt's northern coasts in 2022 IOP Conf. Ser.: Mater. Sci. Eng. 1252 012009. [DOI:10.1088/1757-899X/1252/1/012009](https://doi.org/10.1088/1757-899X/1252/1/012009)
- Nagy, P.; Zeleňáková, M.; Barańczuk, K.; Barańczuk, J. Hydrologic Regime of the Torysa River Basin. In Book of Abstracts and Articles, 17th International Symposium on Water Management and Hydraulic Engineering (WMHE2022); Gdansk, Poland, 2022, [ISBN: 978-83-7348-874-8](https://doi.org/10.1088/1757-899X/1252/1/012009)
- F. Sapienza et al., "Rainfall Field Reconstruction by Opportunistic Use of the Rain-Induced Attenuation on Microwave Satellite Signals: The July 2021 Extreme Rain Event in Germany as a Case Study," 2022 IEEE 2nd Ukrainian Microwave Week (UkrMW), Ukraine, 2022, pp. 523-528, [doi: 10.1109/UkrMW58013.2022.10037149](https://doi.org/10.1109/UkrMW58013.2022.10037149).

□ 4 Conference abstracts:

- Giannetti, F.; Sapienza, F.; Lottici, V.; Moretti, M.; Bacci, G.; Baldini, L.; Facheris, L.; Vaccaro, A.; Ortolani, A. Design Criteria for Precipitation Measurement Systems based on Satellite Downlink Monitoring. In Book of Abstracts, 11th European Conference on Radar in Meteorology and Hydrology (ERAD 2022). Locarno, Switzerland, 2022. https://www.erad2022.ch/files/ugd/25a7b1_23b223c508be440ca402c5a29bba166e.pdf
- Ahmed, T., Creedon, L., Anton, I., and Gharbia, S.: The use of low-cost sensors for monitoring coastal climate hazards and developing early warning support against extreme events. , EGU General Assembly 2022, Vienna, Austria, 23–27 May 2022, EGU22-8825, <https://doi.org/10.5194/egusphere-egu22-8825>
- Anton, I., Paranunzio, R., Gharbia, S., Baldini, L., Ahmed, T., Giannetti, F., Brandini, C., Ortolani, A., Meulenberg, C., Adirosi, E., Hawke, S., Pilla, F., and Iglesias Rodriguez, J. G.: Challenges in retrieving and using climate services' data for local-scale impact studies: insights from the SCORE project, EGU General Assembly 2022, Vienna, Austria, 23–27 May 2022, EGU22-5469, <https://doi.org/10.5194/egusphere-egu22-5469>
- Riaz, K., McAfee, M., Anton, I., and Gharbia, S.: Conceptualising the management of climate extreme events through the GIS-based digital twin system, EGU General Assembly 2022, Vienna, Austria, 23–27 May 2022, EGU22-7343, <https://doi.org/10.5194/egusphere-egu22-7343>

□ 1 Editorial:

- Hawke, S.M.; Spanring, R. Editorial: Critical inter-disciplinary and inter-species approaches to water sustainability and climate change issues, Visions for Sustainability, 2022, 18, 7115, 3-10. <https://doi.org/10.13135/2384-8677/7115>

These papers are all available in open access, except for the conference proceedings of the 3rd URSI Atlantic and Asia Pacific Radio Science Meeting (AT-AP-RASC 2022) and of the Ukrainian Microwave Week (UkrMW) that have been published under restricted access. All these publications have been uploaded in the **SCORE Zenodo community** that was set-up in June 2023 by Euronovia: <https://zenodo.org/communities/score-eu-project>. This will be used as a project repository where all project publications and datasets will be uploaded for long-term preservation.

The SCORE project also cooperated with the **special issue** “Rain Sensors” of the open access journal Sensors, published by MDPI and co-edited by the SCORE partner Filippo Giannetti (University of Pisa, Italy) and Luca Lanza





(University of Genoa, Italy): 4 papers authored by SCORE researchers were published in the special issue and are listed among the 16 journal articles above.

2.6. Events

During the first half of the project, partners have organised and have participated in several public events to promote SCORE and disseminate the first results of the project, as detailed below.

2.6.1. Organisation of project events

□ EBA Training Schools:

- The first pilot activities (e.g., Minecraft workshops) for the EBA Training Schools were organised online in September 2022, as part of Dublin Climate Action Week (CCLL Dublin), and in person during Bright Night Researchers' Night in Pisa, Italy (CCLL Massa).

Figure 16: SCORE partners at the Bright Night Researchers Night in Pisa, Italy



- The first edition of the [SCORE Climate Adaptation Training School](https://score-eu-project.eu/2023/05/11/score-climate-adaptation-training-school-first-edition/) has been organised as a three-day event in June 2023, within the framework of the EU Green Week to participate in an EU-wide major event and increase its visibility. A short description is available below, while more details are available on the SCORE website at <https://score-eu-project.eu/2023/05/11/score-climate-adaptation-training-school-first-edition/>. At M24, the total number of participants who have joined the first edition of the SCORE Training School has already reached 524. Additional participants are still expected as some local activities will take place in July 2023 (M25).





Figure 17: Some social media visuals used to promote the SCORE 1st Training School



- **Day 1 – June 6, 2023, 12:00 – 13:30 (CEST):** online lecture involving experts in approaches to climate adaptation, discussing nature-based solutions, ecosystem-based adaptation, citizen science, and smart cities. This session, that was attended by 160 persons, was followed by parallel talks by SCORE experts on approaches to climate adaptation. Presentations were held by CCLL representatives on different topics (including nature-based solutions/ecosystem-based adaptation, citizen science, and smart cities) and were held in different breakout rooms with participants being able to select the room of their choice based on location and language.
- **Day 2 – June 7, 2023, 12:00 – 17:00 (CEST):** Online Minecraft workshop organised to design environmentally friendly ways to protect our homes and improve coastal cities for the future. Players were tasked with working together to address the threats facing a coastal city using Ecosystem-based Approaches. The session was also available in livestream on YouTube.
- **Several local-level citizen engagement activities** are taking place at several dates during May– July 2023 in the 10 SCORE CCLLs as in-person, online, or hybrid events. The format and content of these events was decided by each CCLL depending on priorities and capacity. Some examples: DIY Sensor Workshop, Pilot SCORE Geodesign game, Geo-survey Mapathon, Local walks/guided tours, public debates, awareness-raising events, exhibitions, social club activities, etc.

Figure 18: Kids participating in the SCORE Minecraft workshop in Dublin, Ireland



□ Citizen Science activities and workshops in each CCLL:

- The SCORE consortium has organised a series of 3-day workshops in the 10 CCLLs in March-April 2022. This first series of workshops was mainly attended by SCORE partners, especially the teams responsible for the





different CCLLs, while external stakeholders were invited to specific sessions. The aim of these events was to define the framework of each CCLL. More details on these activities are reported under WP2.

- A second series of workshops were organised over 2 days in 4 CCLLs (Vilanova, Oarsoaldea, Sligo and Piran) in February-March 2023. Within these workshops, a variety of stakeholders across the quadruple helix were brought together to using the multicriteria analysis methodology developed in WP7, to prioritise relevant EBAs for the CCLL.
- Workshops are being carried out to select sensors to be used for citizen science activities within WP4. The first of these workshops was held in Dun Laoghaire over the month of May 2023. Representatives of public administration (local authority, utilities, etc.) and academia (UCD, ATU Sligo) from both Sligo and Dublin CCLLs came together to shortlist sensors that address the most pressing hazards in their local areas. Other workshops are planned in other CCLLs in the next months. These activities will be reported under WP4.
- Several citizen science activities were organised by the 10 CCLLs in the last 2 years to raise awareness of the project among the general public (students, citizens, local community) and to engage local stakeholders in the SCORE activities, among these: field trips, visits, Minecraft activities, workshops, games for students. A complete report on these activities will be provided under WP4, in particular with deliverable D4.5: Citizen science activities in CCLLs at M36.

Figure 19: Citizen science activities in Piran, Slovenia





- **Webinars:** In order to reach a wider target and present the project's activities and results, SCORE partners decided to launch a webinar series, with each webinar focusing on the work of one work package. Webinars are organised approximately every two months by WP leaders and in collaboration with Euronovia. When possible, we invite an external expert to participate in the programme in order to provide a different point of view and to encourage the exchange of experiences and best practices. The recordings of these webinars are published on the SCORE YouTube channel and the speaker's presentations are made available on the SCORE website. A dedicated section on the project website has been created to make them more easily findable and accessible by the website users: <https://score-eu-project.eu/videos/>. At M24, we have organised the following 4 webinars. These are:
- Developing Coastal City Living Labs | 1 March 2022 (<https://score-eu-project.eu/2022/01/20/score-webinar-developing-coastal-city-living-labs-ccll/>) . Over 130 participants joined the webinar and the video recording on YouTube has 282 views.
 - The potential of Ecosystem-based adaptation in coastal areas – 24 November 2022 (<https://score-eu-project.eu/2022/11/14/webinar-the-potential-of-ecosystem-based-adaptation-in-coastal-areas/>). Over 70 participants joined the webinar and the YouTube video has 249 views.
 - Co-creation & Co-design - Examples for Nature-based Solutions in cities | 8 February 2023 (<https://www.youtube.com/watch?v=xVuayUbOdZo&t=28s>). About 80 participants joined the webinar and the YouTube video has 164 views.
 - Risk modeling and its role in designing strategies to increase financial resilience | 30 March 2023 (<https://score-eu-project.eu/2023/03/16/webinar-risk-modeling-and-its-role-in-designing-strategies-to-increase-the-financial-resilience/>). About 30 participants joined the webinar and the YouTube video has 74 views.

2.6.2. Participation in external events

So far (M24), the consortium participated in several external events for project promotion and scientific dissemination, where partners presented the work done within the project:

- **14 scientific conferences:**
- Presentation at the Water Resources and Wetland 2021 International Conference (9-11 September 2021 – Tulcea, Romania) by UG
 - Presentation at the 3rd URSI Atlantic and Asia Pacific Radio Science Meeting (30 May 2022 - 04 June 2022 - Gran Canaria, Spain) by UNIFI
 - Presentation at the 39th IAHR World Congress (19-24 June 2022 – Granada, Spain) by IST-ID
 - Presentation at the 3rd International Conference on Applied Engineering and Natural Sciences (20-23 July 2022 - Konya, Turkey) by SAMU
 - Presentation at the IV Symposium Ibero-African-American on Risks (21-23 July 2022 - online) by IST-ID
 - Presentation at the 11th European Conference on Weather Radar in Meteorology and Hydrology (29 August – 2 September 2022 – Locarno, Switzerland) by CNR and UNIFI
 - ATU Sligo led a workshop about the SCORE project at the Education with Sustainability Conference (15-17 August, 2022 - Sligo, Ireland)





- Presentation at the Limnology conference 'natural and anthropogenic changes in lakes and water reservoirs (14-15 September 2022 – Ruciane Nida, Poland) by UG
- Presentation at the 17th International Symposium on Water Management and Hydraulic Engineering (16 September 2022 – Sopot, Poland) by UG
- Presentation at ATMOS'22, 10th International Symposium on Atmospheric Sciences (18-21 October 2022 – Istanbul, Turkey) by SAMU
- Presentation at the 15th edition of the international conference 'Air and Water - Components of the Environment' (17-18 March 2023 – Cluj Napoca, Romania) by UG
- Presentation at the EGU General Assembly 2023 (23-28 April 2023 – Vienna, Austria) by UG and TUKE
- Poster presentation and organisation of a joint session with the CoCliCo project at the 6th European Climate Change Adaptation Conference (ECCA) 2023 (19-21 June 2023 – Dublin, Ireland) by ATU and HIS
- Presentation of the SCORE project and NBS at the SRI Congress (26-30 June 2023 – Panama City, Panama & Virtual) by ATU

Figure 20: SCORE and CoCliCo presentations at the ECCA Conference 2023



□ **7 science popularisation events:**

- Presentation of the SCORE project and distribution of project flyers to attendees of the Sligo Engineering & Technology Expo (28 April 2022 – Sligo, Ireland) by ATU. In addition, a full page was dedicated to present the SCORE project in the catalogue of the Expo (page 186 - https://issuu.com/itsligo/docs/sligo_eng_tech_expo_2022_edition).





- SCORE was selected to participate in the FAIR live exhibition as part of the 1st edition of the New European Bauhaus Festival (9-12 June 2022 – Brussels, Belgium). A SCORE mobile exhibition booth was on display in 4 different locations around the city during the 3 days of the festival.
- UCD organised an exhibition booth and the workshop “Geodesign game for families” during the UCD Festival (11 June 2022 – Dublin, Ireland)
- UNIPI attended the Bright researchers Night 2022 (20 September 2022 – Pisa, Italy) with an exhibition booth.
- ATU promoted the SCORE project at the Sligo Science Festival (13 November 2022 – Sligo, Ireland)
- Project promotion at the ATU Sligo Engineering Fair (5 March 2023 – Sligo, Ireland) by ATU
- Project promotion at the ATU Sligo Engineering Expo (4 May 2023 – Sligo, Ireland) by ATU. A full page was dedicated to present the SCORE project in the catalogue of the Expo (page 30 - https://issuu.com/atlantictechnologicaluniversity/docs/sligo_eng_tech_expo_catalogue_2023/2).

□ 2 exhibition fairs in technology and Open Innovation events:

- Exhibition booth and workshop at the Earth Technology Expo (13-16 October 2021 – Florence, Italy) by MBI, CNR and LAMMA
- Promotion of project at the ENOLL booth during the OpenLivingLabDays 2022 (20-22 September 2022 – Turin, Italy) by ENOLL

□ 7 International forums

- Exhibition booth at the High-level Conference on Citizen Engagement in EU Missions (21 March 2022 – Paris, France) by ENOLL
- Poster presentation at the Climate Week 2022 (14 June 2022 – Frankfurt, Germany)) by IHS
- Chair of a thematic panel on the state of water and flooding at the Climate Change Forum (11 October 2022 – Gdansk, Poland) by UG
- Presentation of the latest results and findings of SCORE to representatives of the European Commission at the 1st Clustering event of the ClimateChangeMitigation.eu (28-29 March 2023) by ATU.
- Presentation at the Oceans Visions Biennial Summit (4-6 April 2023 – Atlanta, Georgia) by ATU
- Presentation of the latest results and findings of SCORE to representatives of the European Commission at the Ocean Visions Biennial Summit 2023 (5 April 2023) by ATU.
- Presentation of the project and of the CCLL framework at the Waves of Change Forum (5-6 June 2023 – Biarritz, France) by NAIDER

□ National, regional and local events

Several partners, in particular representatives of the CCLLs, have participated in local, regional and national events to present the project and to raise awareness of SCORE’s approach to address climate change adaptation and resilience issues in coastal cities. The objective is to engage local stakeholders and policymakers and have an impact at the local level as much as possible. On these occasions, presentations are done in the local language, making it





easier for locals to understand the challenges and benefits of the proposed actions. Here is a list of some of these events attended by partners during the first half of the project:

- Presentation of the SCORE project and results at the XVI Jornadas Españolas de Ingeniería de Costas y Puertos (11-12 May 2022 – Vigo, Spain) by UA
- Presentation of the project at the Foro de las Ciudades (14 June 2022 – Madrid, Spain) by NAIDER and ENT in collaboration with the CCLLs of Oarsoaldea, Benidorm and Vilanova i la Geltrú
- Presentation of the project at the presentation event of the Oarsoaldea Development Agency 2021 activity report (21 June 2022 – Oarsoaldea, Spain) by OAE
- Presentation of the project at during the presentation event of the Barcelona’s Metropolitan Strategic Plan (20 September 2022 - Espai far, Vilanova i la Geltrú, Spain) with the attendance of several local municipalities by VNG
- Presentation of the project at the VI Jornada de Governança del Litoral del Garraf (17 November 2022 – Vilanova, Spain) by UA
- 2 presentations at the XII Congreso Ibérico de Gestión y Planificación del Agua (26-28 January 2023 – Murcia, Spain) by IST-ID
- Project presentation, stakeholder briefing & discussion on practical engagement (27 January 2023 - Dunmoran Beach, Sligo, Ireland) by SCC
- Oral presentations at the 16° Congresso da Água (21-24 March 2023 – Lisbon, Portugal) by IST-ID
- Project presentation and discussion with the local stakeholders on the solution to protect the sand dunes in Streedagh (19 April 2023 - Streedagh Beach, Sligo, Ireland) by SCC and ATU
- Presentation of the SCORE project to the Minister of Environment, Climate and Communications, Eamon Ryan (5 May 2023 – Sligo, Ireland) by ATU

2.7. Collaboration with other EU projects

2.7.1. Horizon Results Booster

A list of EU projects working on similar domains was identified in the PEDR and further updated throughout the project. Several projects were shortlisted and contacted in order to create a Project Group and apply for the Horizon Results Booster (HRB) together. The group consists of four projects which aim at improving coastal city climate resilience: [CoCliCo](#), [PROTECT](#) and [REST-COAST](#). Following a first meeting with the Horizon 2020 projects to discuss joint dissemination activities, an application was submitted as a Project Group for Module A and B of the HRB’s Dissemination service. It was successfully accepted, with activities starting in January 2023. As of June 2023, Module A was completed with the finalisation of a Portfolio of Research and Innovation Results and the HRB service delivery team identified a dissemination network with 50 contacts and related social media channels identified across the stakeholder groups to start engaging with. This can serve as an important basis for future dissemination activities. Module B was launched in April 2023. The service will provide direct support to the Project Group to carry out joint dissemination activities to leverage each other’s results and networks to increase impact. A visual identity, factsheet, and video for the Project Group are currently being produced by the HRB service.





2.7.2. Other collaborations

Other collaborations with EU projects have been carried out by project partners, such as:

- Presentation of the SCORE project at the EUSPACE Summer School (19-23 July 2021 - online) by MBI
- Presentation of the SCORE project at the GoGreen Routes Autumn School (11 October 2021 – Ireland/hybrid event) by ATU
- Presentation of the SCORE project at the MOCHAS Autumn School (3 November 2022 - Ireland) by ATU
- Presentation of the SCORE project at the 1st Clustering Event of the EC and the [Maia Project](#) where several Horizon Europe and Horizon 2020 climate research projects presented their latest results and findings to representatives of the European Commission (28-29 March 2023 – online). SCORE was presented by ATU within the session on “Research and Innovation results and outputs for the mission adaptation”, whose aim was to showcase the research & innovation results and outputs that could inform the implementation and be taken up by the Mission on Adaptation to Climate Change, with focus on actionable knowledge, tools and solutions in the area of coastal risks & agriculture and other areas (i.e., nature based solutions).
- Invitation of a guest speaker from the proGReg project to the SCORE webinar: Co-creation & Co-design - Examples for Nature-based Solutions in cities (*see section 2.6.1 for more information*)
- Joint policy brief with the CoCliCo and PROTECT projects entitled “[When will a 2 meter rise in sea level occur, and how might we adapt?](#)” (*see section 2.5.4 for more information*) that was presented on 7 November 2022 at the COP 27 session “IPCC Projections & Planning for Extreme Sea Level Rise Risk” and during a webinar of the PROTECT project.
- Joint CoCliCo and SCORE session on "Sea levels rise: Transformational change" at the 6th European Climate Change Adaptation Conference 2023 (19-21 June 2023 – Dublin, Ireland). The session includes two presentations to set the scene: “Assessing the scale of the transformational challenge at the coast” and “Challenges faced and adaptation responses by coastal cities and towns across Europe”. This was followed by a panel session taking questions and inputs from the floor and online.

Figure 21: SCORE and CoCliCo Joint Session and policy brief

CoCliCo
coastal climate core services

score

6TH EUROPEAN CLIMATE CHANGE ADAPTATION: SEA LEVELS RISE: TRANSFORMATIONAL CHANGE

“Transformational change
The scale of the realignment challenge at the coast”

21ST JUNE (WEDNESDAY)
@ 11:30 - 12:15
CROWN JEWELS ROOM,
BEDFORD HALL

WHY ATTEND
Coastal communities face an unprecedented challenge in responding to sea level rise and associated changes. This session will ask:
Is re-location a necessary and viable strategy, financially, technically, and socially?
Join us to discuss the scale of the challenge and how best to respond.

BACKGROUND
For many coastal communities responding to sea level rise through incremental adaptation may be appropriate (although not without limits). This may include progressively raising defences, nourishing beaches, and other conventional management measures. Such actions are well supported by existing governance structures and investment vehicles.
For others however, contributing to provide protection from erosion may not be technically feasible or financially viable. For these communities, transformational adaptation such as realignment or relocation will be needed. Implementing such change, however, is difficult and requires clarity of long-term planning and a means of supporting communities to take early action in making this transition. This Panel session will discuss the issues and present five examples of where such discussions are ongoing and draw lessons from international experience.

SESSION OUTLINE

Time	Topic
11:30 - 11:45	Two short talks providing the latest insights Exploring the scale of the challenge in England - Dr Ing Paul Sayers A global perspective climate-induced relocation: Opportunities and Challenges in achieving socio-environmental justice - Chormoe Pyi Win-Neruccia

PROTECT / COCLICO / SCORE

When will a 2-metre rise in sea level occur, and how might we adapt?

Protect
CRYOSPHERE & SEA LEVEL

CoCliCo
coastal climate core services

score

Credits: Anthony Sparatore from Getty Images

In addition, online meetings were also organised with the WaterLANDs and IChange project communication teams to discuss potential cooperation, mainly through social media.





3. IMPACT ASSESSMENT

Monitoring the impact of the different dissemination activities involves a systematic collection of data and reporting of information from all partners. This information serves to deliver the final verdict on the success of the dissemination process undertaken by the project.

In order to measure the success of the implemented communication and dissemination activities, a detailed communication and dissemination plan was created at M6 in order to check that all activities are planned and are effectively taking place, integrating **Key Performance Indicators (KPIs)** to measure the impact of each dissemination and communication activity. KPIs are a measuring factor for the performance and progress of an activity, message, task, etc. towards its expected impact. Several KPIs have been defined for each communication activity. They are being used to assess the performance of the dissemination activities all along the project duration and re-orientate the dissemination plan when KPIs are not matched, and the expected impact not reached.

The **table presenting the KPIs reached at M24** compared to targets that have been set to measure the success of the communication and dissemination actions at the end of the project (M48) **is available in Annex 1**. For this mid-term evaluation, the targets were adapted to fit the expected targets due at M24 (e.g., if 50 publications are expected by M48, we considered that the target at M24 is 25 publications).

The following scale was used to score each KPI:

- If the results are lower than 50% of the target, the result is considered as Low
- If the results are lower or equal to 75% but above 50%, the result is considered as Moderate
- If the results are lower or equal to 100% but above 75%, the result is considered as Good
- If the results are higher than 100%, the result is considered as High

Over half of our KPIs received a 'High' score, and over $\frac{3}{4}$ are either 'High' or 'Good' (as reported in Table 2). The activities are thus well on track with the work plan.

Table 3: Distribution of KPI evaluation scores

Score	High	Good	Moderate	Low
% of KPI	52%	24%	21%	3%

The **highest KPIs** are related to the organisation of citizen science activities and workshops in each CCLL, the number of visits on the SCORE website, the media coverage, the number of publications and the participation in external events to disseminate project results. It is to be noted that, in addition to scientific conferences, popularisation events and open innovation events whose participation was planned in the GA, the consortium participated also in a number of international forums and local, national and regional events for which we did not set any KPIs in the initial PEDR because these were not planned. These events contribute to increase the visibility and impact of the project both at the international and the national/regional level.

Most of the **lower-performing KPIs** are related to social media and video performance which can be explained as the KPIs set for these activities were very high from the start (target: +3000 followers on LinkedIn, +2000 followers on Twitter, 50,000 views for videos). **Additional efforts and new activities have already been put in place** by the consortium to increase performance of these KPIs, such as:





- The creation and dissemination of additional videos, such as the project presentation video created to launch the project, partners interviews in different languages, videos related to promote the Minecraft activities, and the recordings of a series of webinars presenting the activities implemented within each WP;
- The creation of a social media strategy to involve all project partners and CCLLs representatives in the creation of content to increase the number of posts and their dissemination to other external networks.

In addition to quantitative KPIs, some **qualitative indicators** are taken into consideration to understand the impact of the actions carried out, for example the feedbacks obtained through satisfaction questionnaires sent to participants after project webinars and after the Green Week events: an average score of 4.6/5 was given by the participants regarding the level of interest of the webinars and an average satisfaction score of 4.8/5 for the Green Week. Responses to these questionnaires can be provided to the EC upon request.

4. CONCLUSIONS

The communication and dissemination activities have been carried out in line with the Grant Agreement and the strategy and the objectives defined in deliverable D9.1 Plan for the exploitation and Dissemination of project Results (PEDR). During the first half of the project, all partners successfully participated in the communication activities and dissemination of the first significant results of the project. At M24, the analysis of KPIs for the period is very satisfying: the indicators measuring the performance of the communication and dissemination actions at mid-term are mostly 'high', with just a few KPIs behind schedule and for which we are planning additional efforts in the second half of the project, as described above.

The conclusions of this mid-term report will be taken into account for the annual update of the Plan for the exploitation and dissemination of project results (PEDR).





ANNEX 1 – KPI ANALYSIS AT M24

Dissemination or communication activity	Tool / Activity	When (and where, if relevant)	KPI	Target - M48	Target - M24	Results - M24	Evaluation - M24				Partner(s) in charge
							High (>100%)	Good (≤ 100%)	Moderate (≤ 75%)	Low (<50%)	
Events to be organised by the project partners	EBA Training Schools	2023, 2024, 2025	Number of training schools	30	10	10	>10	≤ 10	≤ 7	< 5	ATU, UCD and CCLLs
			Number of participants	30/session	30/session	52/session	>30	≤ 30	≤ 22	< 15	
	International technology workshops	2024, 2025	Number of workshop organised	2	0	N/A	-	-	-	-	TBD
			Number of participants	30-40/workshop	N/A	N/A	-	-	-	-	
	Webinars	2024, 2025	Number of webinars	2	0	4	> 1	-	-	-	Euronovia
			Number of participants	40-50/webinar	40-50/webinar	78/webinar	> 40	≤ 40	≤ 30	< 20	
Final Info Day	M40	Number of participants	1000	0	N/A	-	-	-	-	Euronovia	
Citizen science activities and workshops in each CCLL	M6-M24	Number of activities	10	10	20	>10	≤ 10	≤ 7	< 5	ATU, UCD and CCLLs	
Participation in external events and conferences	Scientific conferences	Whole project duration	Number of conferences	10	5	14	> 5	≤ 5	≤ 3	< 2	All
			Number of face to face contacts	100	50	2300	> 50	≤ 50	≤ 37	< 25	
	Exhibition fairs in technology and Open Innovation events	2024, 2025	Number of participation/exhibition	3	0	2	> 0	-	-	-	Euronovia
	Science popularization event	Whole project duration	Number of participation/exhibition	1	0	7	≥ 1	-	-	-	Euronovia, ALL
Website	M3-M6	Number of visits	1000/month	1000/month	1894/month	> 1000	≤ 1000	≤ 750	< 500	Euronovia	
			Number of news	2/month	48	45	> 48	≤ 48	≤ 36		< 24
	Flyer	M6	Number of flyers distributed	2000	1000	524	> 1000	≤ 1000	≤ 750	< 500	Euronovia
				Number of videos	10	5	7	> 5	≤ 5	≤ 3	
	Project videos/ Interview videos	M48	Number of views	50,000	25000	12836	> 25000	≤ 25000	≤ 18750	< 12500	Euronovia
				Number of videos	30	0	N/A	-	-	-	
	Massive Open Online Courses created from lectures and workshops	M36	Number of videos	30	0	N/A	-	-	-	-	ERINN
	Final brochure	M42	Number of brochures distributed	2000	0	N/A	-	-	-	-	Euronovia
	LinkedIn page	Whole project duration	Number of followers	3000	1500	811	> 1500	≤ 1500	≤ 1125	< 750	All
			Number of post	300	130	130	> 150	≤ 150	≤ 112	< 75	
	Twitter account	Whole project duration	Number of followers	2000	1000	350	> 1000	≤ 1000	≤ 750	< 500	All
			Number of tweet	300	150	207	> 150	≤ 150	≤ 112	< 75	
	Facebook page	Whole project duration	Number of followers	500	250	141	> 250	≤ 250	≤ 187	< 125	Euronovia, ERINN, ATU
	Instagram account	Whole project duration	Number of followers	500	250	191	> 250	≤ 250	≤ 187	< 125	CCLLs
	Final media press kit	At the end of the project		1	0	N/A	-	-	-	-	Euronovia
	Newsletter	Every 6 month, starting M6	Number of newsletter	8	3	3	> 3	≤ 3	≤ 2	< 1	Euronovia
			Number of registered for updates	1000	500	305	> 500	≤ 500	≤ 375	< 250	
	Press releases	M6, M30 and M42	Number of press releases	3	1	1	> 1	≤ 1	≤ 0	< 0	Euronovia, ATU
	Article in specialized magazines	M24 and M36	Number of articles	2	1	0	> 1	≤ 1	≤ 0	-	Euronovia, ALL
	Media coverage	Whole project duration	Number of external articles	100	50	61	> 50	≤ 50	≤ 37	< 25	All
Decision-support guidelines	M42	Number of set of guidelines produced	2	0	N/A	-	-	-	-	RED	
Policy recommendations	M47			0	2	> 0	-	-	-	TERO	
Publications	Scientific publications in peer-reviewed Journals	Whole project duration	Number of publications	30	15	15	> 15	≤ 15	≤ 11	< 7	All
	Conference proceedings	Whole project duration	Number of conference proceedings	10	5	7	> 5	≤ 5	≤ 3	< 2	All
	Special issue/special collection in a peer-reviewed journal	M48	Number of special issue	1	0	1	> 0	-	-	-	All