

Deliverable 6.1 Project Website

Acronym	DOWN2EARTH
Title	DOWN2EARTH: Translation of climate information into multilevel decision support for social adaptation, policy development, and resilience to water scarcity in the Horn of Africa Drylands
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WP/Task/Thematic Team	6/6.1/Dissemination and Communication Team
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1. Project Introduction

The DOWN2EARTH project will address the multi-faceted challenges of water scarcity and food insecurity under climate change in Horn of Africa Drylands, by facilitating community-centered adaptation and resilience to climate change impacts. It will use a multidisciplinary, inclusive approach, bringing together local communities, academic experts, novel decision-support tools, multi-level governance structures, regional climate centers, and NGOs.

2. Website Deliverable

The DOWN2EARTH website, launched on November 5th 2020, can be found here <u>http://down2earthproject.org/</u>. The website aims to provide up-to-date, user-friendly news and project information to be disseminated, not only to the consortium and project partners, but more broadly to all interested stakeholders and the general public. All consortium partners will be invited to contribute blogs and news articles over the lifetime of the project, and website updates will be the responsibility of the project manager. The website will be updated and improved regularly with the support of a website taskforce, comprised of interested members of the communication and dissemination thematic team.

3. Website Structure

The website is comprised of 9 sections as detailed below and further explained in each subsections with screenshot examples:

Section	Short Description
Main title and header	This page describes the main goals of the project and links to learn
	more
Ambition	There is detail here about the project ambition and the thematic
	teams that will undertake the work
Ethos	In this section there is an explanation of the ethical and moral
	direction that underpins the project
People	Each key member of the team has a profile with professional links
	and a short biography
Organisation	This page details some of the key structures in place as well as
	synergies with our Horizon 2020 sister projects.
Impact	This page outlines the different ways that the project will have real-
	world impact such as policy and climate service applications
Outputs	All project outputs, including academic and non-academic, will be
	detailed here
Outreach	The project has a number of communication and dissemination
	activities and the key ones are described here
News	Project and wider news will be added here, including blog posts and
	articles

3.1. Main Page and Header

The main page provides a basic description of the project including links to the key elements of the project: decision support tools, climate services and climate change planning. The header along the top provides information on all the website pages and there is a Horizon 2020 funding link.



3.2. Ambition

This page details the challenges facing the HAD region and then provides information and links to the six thematic teams that will undertake different elements of the project. The six thematic teams are the model development team, the app development team, the end user and engagement impact team, the dissemination and communication team, the policy development team and the climate and water data team. These groups form the backbone of the project work with each thematic team consisting of a range of interdisciplinary members across many of the consortium partners.



3.3. Ethos

The Ethos page outlines the overarching challenges of working from a European perspective in Africa, and the historical and systematic ethical issues underpinning this type of work. DOWN2EARTH has a clear ethos on social, racial and gender issues and these are outlined here.

DOWN2EARTH Project Ethos
Co-development of knowledge to aid in climate adaptation.

The <i>DOWN2EARTH</i> project acknowledges that as a project funded by the European Union with many partners from Europe, we have a particular vantage point on issues of water and food insecurity in the Horn of Africa Drylands (HAD). We recognize how systemic racism, sexism and colonialism are and have been, leaving power concentrated in the hands of a small, northern community of elites. We are constantly self-reflecting on how systemic power and inequality, impact the current political, economic and development contexts of our project. We also recognize strong gender power differences that affect the voice and agency of women and girls in society.
Our project team will work to combat inherent societal racism, sexism, and colonialism within our team, in our interactions with stakeholders, and in the project outputs we generate. We take this responsibility seriously and will continually look to develop and implement anti-racist, anti-sexist, and anti-colonialist practices in the management and interactions in <i>DOWN2EARTH</i> .

3.4. People

Each of the key consortium members working on DOWN2EARTH have a profile on the website, which includes a picture, short biography and professional connections.

DOWN2EARTH Consortium
14 institutions from 7 countries in 1 interdisciplinary team.
DOWN2EARTH assembles a multidisciplinary project team, composed of experts and specialists in social science, rural development, gender studies, media communication, climate science, meteorology, environment, hydrology, policy analysis, GIS, remote sensing, computer science, decision-support, and dryland processes. Team members are listed below by partner institution along with their primary Thematic Team affiliation on <i>DOWN2EARTH</i> .
Cardiff University (CU) CARDIFF UNIVERSITY PRIFYSCOL
Michael Bliss Singer, DOWN2EARTH Principal Investigator and CU Principal Investigator, <u>Model Development Team</u>

3.5. Organisation

DOWN2EARTH is a multifaceted project with a layered organisation structure. The website page highlights the interactions between the main components of the project, the work packages and the thematic teams. It also discusses the structure of the management and legacy boards and how the project looks to build on similarities and synergies with sister EU Horizon 2020 projects.



Efficient, fair, and participatory project management is critical to the success of large research and innovation effort such as DOWN2EARTH. All Board and Thematic Team meetings described below will operate based on a simplified version of Robert's Rules of Order, which were developed to ensure that meetings are fair, efficient, democratic, and orderly. Such 'parliamentary procedure' ensures that all voices are heard and that all concerns are addressed and discussed by team meeting members before voting ensues. Voting within each team and board will be carried out based on simple majority, and all votes (including absente participants) will be tallied before a final decision is made on any topic.

Management Board

The DOWN2EARTH Management Board, consisting of a gender-balanced collection of PIs from each partner in the consortium, will be responsible for ensuring the overall intellectual integrity and vision of the project, milestones are met, risks are mitigated, and deliverables are created and disseminated in a timely manner. The Management Board will meet at least quarterly and have a clear view of the entire project through its interactions with various thematic teams carrying out the work in DOWN2EARTH. The DOWN2EARTH Management Board will be responsible for overseeing and directing the research and implementation activities, ensuring fruitful interactions between WPs and Tasks, and for mitigating risks and addressing any issues that arise during project implementation.

Thematic Teams

Project management will also include six Thematic Teams that will meet at least twice a year to ensure continuity of key crosscutting aspects of the project: 1) End-User Engagement and Impact (EUEI) Team; 2) App Development Team; 3) Model Development Team; 4) Climate/Water Data Team; 5) Policy Development Team; 6) Dissemination and Communication Team. These teams will work to ensure thematic milestones are met and deliverables are produced in a timely manner. They will also serve as the intellectual glue that connects project participants and galvanizes their energy toward the creation of new knowledge. Additionally, we will hold ad hoc meetings that span multiple thematic teams in order to support overall communication, synergy across the consortium, and cross-fertilization of ideas.

Legacy Board

The DOWN2EARTH Legacy Board, consisting of selected representatives from the consortium in addition to key stakeholders, will meet at least quarterly to: ensure uptake of project information and adoption of project deliverables, seek out new funding opportunities to expand the scope of the project; and enable aspects of DOWN2EARTH to continue beyond the project lifetime. The Legacy Board is the primary mechanism of extending impacts from DOWN2EARTH more broadly in the HAD region and internationally, while also strengthening aspects of the project that show great promise with further investment.

Sister Project Coordination

The DOWN2EARTH team is proud to work alongside two other EU Horizon 2020 projects, CONFER and EOCUS-Africa funded under the same call. We are working closely together to integrate our project work to exploit potential synergies and learn from collective experiences. Thus far, we have planned several cross-project activities including: membership on each other's advisory boards; a webinar series (1-2 times per year highlighting key project results of broad relevance); thematic team meetings that address common project goals (e.g., forecasting, modeling, dissemination, communication); joint co-creation of climate service(s); a joint policy brief; researcher exchanges; and a final joint workshop to collate and group project outputs and impacts, and discuss next steps.

3.6. Impact

A key part of the DOWN2EARTH project is the multiple points of impact that should arise from the work. The key ones are detailed on this page, including obtaining a thorough understanding of enduser needs and engagement, evidence-based changes to policy and improved climate services focussed on the HAD region, both in terms of data and capacity building.



3.7. Outputs

There will be a number of project and research outputs arising from DOWN2EARTH, and these will be hgihlighted on this page. This will serve as a focal point for all interested parties to engage with the different interesting elements arising from the project work. These are split into peer reviewed publications, as well as non-peer reviewed academic content such as conference abstracts and presentations. Grey literature, external news coverage, blog posts and resources will also be listed with relevant links.

DOWN2EARTH Project Outputs Publications and other products from DOWN2EARTH.	
Student and postdoc work denoted by *.	
Academic Peer Review Publications	
Singer, M.B., *Asfaw, D., Rosolem, R., Cuthbert, M.O., *Quichimbo, A., Miralles, D.G., Mitchell, D., Michaelides, K. (In Preparation); Hourly potential evapotranspiration (hPET) for the global land surface over recent decades	
Singer, M.B., *Asfaw, D., Jones, O., Michaelides, K. (In Preparation); STORM 2.0: A simple decision-support tool for exploring the impacts of climate and climate change at or near the land surface	
*Kipkemoi, I., Michaelides, K., Singer, M.B., Rosolem, R. (In Preparation); Climatic expression of rainfall on soil moisture dynamics in drylands	
*Quichimbo, E.A., Singer, M.B., Michaelides, K., Hobley, D., Rosolem, R., Cuthbert, M.O. (In Preparation); Development of a parsimonious model for assessing climate impacts on the water balance in drylands across spatial and temporal scales	
*Adloff, M., Singer, M.B., *MacLeod, D.A., Michaelides, K., *Mehrnegar, N., Hansford, E., Funk, C., Mitchell, D. (In Revision); Groundwater storage in East African drylands dominated by increasing intense seasonal rainfall	
Academic Non-Peer Review Publications	
Non-Academic Outputs	

3.8. Outreach

Project outreach in DOWN2EARTH involves a varied array of methods, including media training of journalists in Kenya, training of climate services professionals, mobile and desktop app development and a range of global outputs on social media, as well as podcasts and webinars.



3.9. News

A range of stakeholders and consortium members will be contributing blogs and posts on the website, in order to disseminate the work being done on the project as well as the challenges and developments that emerge. This page will give everyone following the project a good snapshot of the work each thematic team is undertaking and allow each of the team members a voice to discuss their own work.



4. Future Website Updates

The website in its current form is a basic outline of its evolution in the future. This site is a living document which will change as the project evolves and more data and information comes to light. The project manager will keep in touch with the consortium members on updates, news and blogs and each thematic team will be involved in ensuring their pages are kept current. The website will be promoted through the DOWN2EARTH social media and any podcasts and webinars will likewise be promoted via the website.