



**KILIAN
JORNET**
FOUNDATION



"A society where humans live with a sustainable use of the natural resources to ensure the quality of life for all the species, including ours leads to a more equitable society. With a universal respect and knowledge of nature as a key value, where nature is integrated in everyone's life and where natural spaces are wider and wilder.

For this vision to become true we need to change the model of our society. While this vision should be carried in a global scale we believe that community strength and small steps lead towards bigger transitions and that's the aim this foundation was born for, to work on preserving one of the biggest natural spaces towards a better future for all the inhabitants of earth."

Kilian Jornet





Preserve the mountains with us

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Your turn!



All started with...

Kilian Jornet

Kilian Jornet is the best mountain athlete in the world. For the last 15 years he has dominated the ski mountaineering and trail running scene, winning all major championship and races. He is also a pluridisciplinary athlete who feels comfortable running, climbing, skiing or scrambling in the mountains and he holds speed records in mountains around the world, including a double ascent to Mount Everest in a week in 2017.

Growing up in a refuge at 2000 metres, the mountains have always been his natural environment. Being introduced to outdoor activities at a very young age gave him a headstart in developing his passion for mountain sports, and a natural aptitude for adventure and physical challenges has increased with experience.

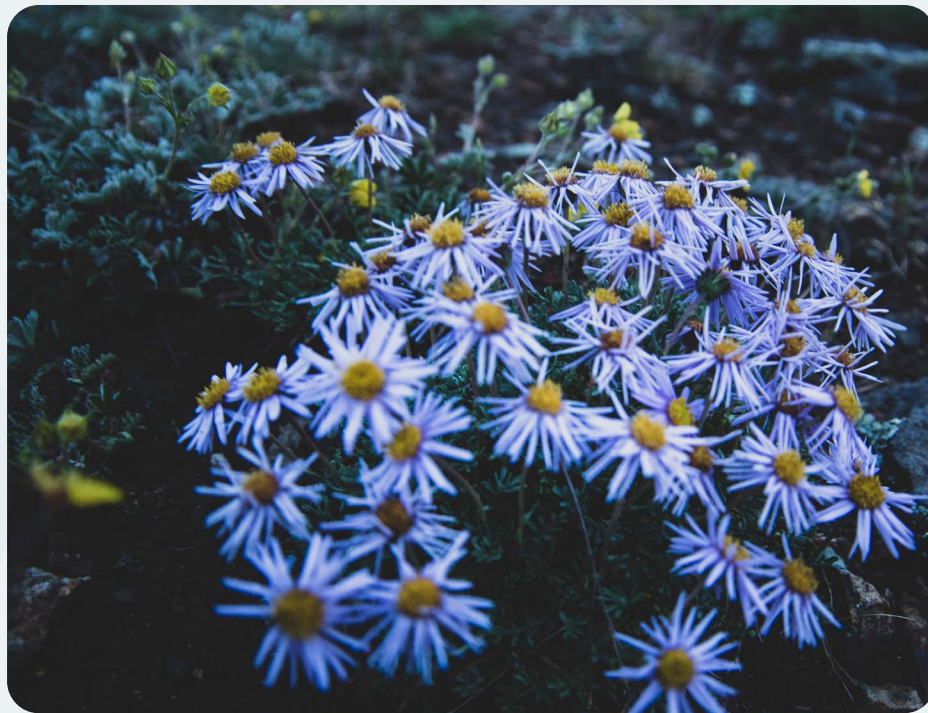
"I define myself as a lover of mountains. I like competing, but, above all, I conceive sport as a way to discover landscapes both inside and outside you. But now I am facing the hardest summit, and it will be the most important summit I would need to climb, to reverse the devastating effects of climate change. And for that, we would need to work together to preserve mountain environments."



Mission

The main mission of the Kilian Jornet Foundation is the preservation of mountains and their environment

Although mountain environments are different throughout the world, they share many of the same problems as they are very vulnerable natural areas. Our goal is to work towards a durable, solid and long-lasting cooperative engagement and collective action in order to preserve mountain environments.



Vision

Mountains have played an essential role in Kilian Jornet's athletic and personal growth.

We believe that community strength and small steps lead towards bigger transitions and that's the aim this foundation was born for, to work on preserving one of the biggest natural spaces towards a better future for all the inhabitants of earth.



Our values



Transparency



Commitment
to sustainability



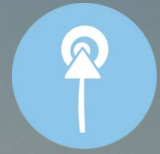
Research



Inclusivity



Solidarity



Simplicity



Ethical



Humanism



Volunteerism



Participative



Perseverance



#MountainsMatter

Why are mountains so important?

Mountains play a key role in our global system. Without them and their environment there would be no life, and that is why it is essential to conserve and manage them sustainably.

Mountain environments are a fundamental part of our daily lives, as they cover 25% of the Earth's surface, and all of its inhabitants depend on them directly or indirectly.

Protecting mountains and increasing their sustainable development is paramount and you can start small. This protection will help us increase their inhabitants' recovery capacity as well as the main resources mountains provide: food, water or the conservation of biodiversity. Climate and other changes need to be addressed comprehensively, and therefore it is essential to gather data and raise awareness of the importance of small actions for the change of the global system affecting mountains.

They provide us with water

Fresh water is vital for our survival. A very important part of this water is found in mountain settings, including glaciers, lakes or rivers. Mountains provide fresh water to more than half of the world's population, for drinking and domestic use, irrigation, industry and hydroelectric production.

They provide natural resources

Thanks to mountain ecosystems we can obtain numerous materials, such as wood, basic food or drinking water. Renewable energy can be generated from some of them, whether hydroelectric, solar, biomass or wind; this is beneficial for human health.

They are natural biodiversity refuges

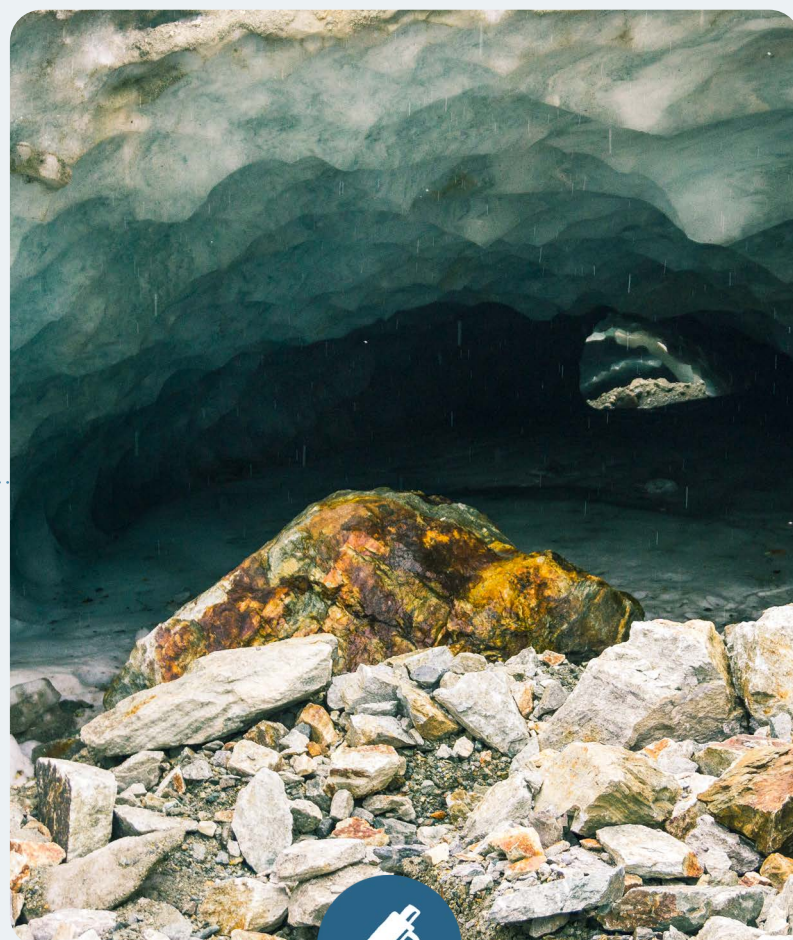
Mountain regions are a refuge for countless endemic or threatened species of flora and fauna: 73% of these epicentres are located in these settings. Biodiversity is key to our planet's survival. The forests found in mountain ecosystems are essential to reduce erosion and increase air quality and quantity.

They provide resilience against climate change

Mountain environments have processes involving resilience or adaptation to the negative factors of climate change. And there are several types, from the absorption of CO2 through forests or the erosion of some rocks to the reduction of the sun's effects through the reflection of white surfaces.



Our work



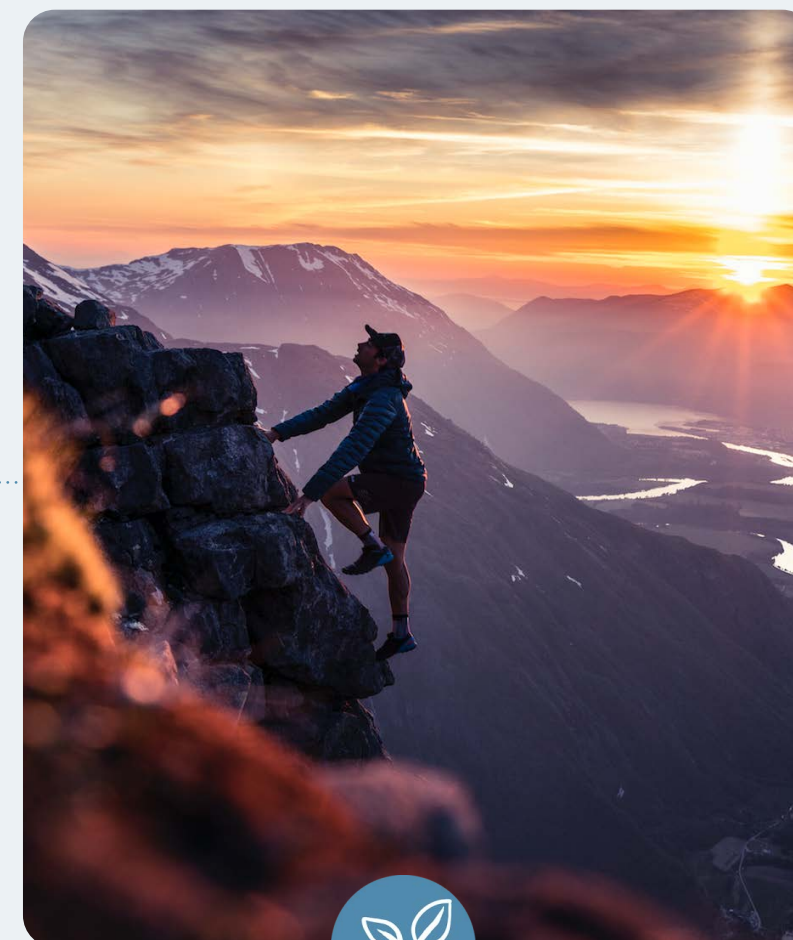
Research

Research is key to **understand what is happening** to the environment and take action. We bet on it, and we enroll to different projects that will help to prevent the effects of climate change.



Education

Teaching the next generation about climate change and its impacts on nature and humans is an important task towards a net zero emission society. A big part of our work is to understand and **share knowledge** about what we could do to mitigate our impact on the environment. Thanks to the education projects, kids, university students, athletes and outdoor lovers would have a meeting point to learn more about it and find answers to their questions. To preserve an environment you need to love it, and to love it you need to know it well.



Direct actions

Preserving mountain environments is our mission. We identify a specific problem and we try to solve it by our direct actions, creating new and more sustainable processes. Keeping our planet healthy and ensuring a future for the upcoming generations is the aim of all direct actions we work on. Both through owned projects or financed ones.



Research

Research is key to **understand what is happening** to the environment and take action. We bet on it, and we enroll to different projects that will help to prevent the effects of climate change.



Climate Change Studies

Help financing research and monitoring studies focusing on climate change effects and pollutions in mountain environments.



Study the mountains

Study the mountain's role in the ecosystem and the impact to preserve human activity.



Find solutions

Find solutions and actions to preserve the mountain environment in order to fight climate change.





Education

Teaching the next generation about climate change and its impacts on nature and humans is an important task towards a net zero emission society. A big part of our work is to understand and **share knowledge** about what we could do to mitigate our impact on the environment. Thanks to the education projects, kids, university students, athletes and outdoor lovers would have a meeting point to learn more about it and find answers to their questions. To preserve an environment you need to love it, and to love it you need to know it well.



Raise awareness

Raise awareness and access to comprehensible resources information.



Promote attitudes

Promote attitudes to be taken.



Help players

Help players to commit transition into a sustainable model focused on mountain resources.





Direct actions

Preserving mountain environments is our mission. We identify a specific problem and we try to solve it by our direct actions, creating new and more sustainable processes. Keeping our planet healthy and ensuring a future for the upcoming generations is the aim of all direct actions we work on. Both through owned projects or financed ones.



Own Projects

Actions like:

- Protecting or rebuilding an ecosystem.
- Finding sustainable engineering or technological solutions.
- Ad-hoc projects for institutions and companies that believe in the values of the Foundation and want to join us this global cause.

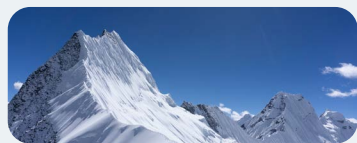


Project financing

Financial or communication support to different projects aligned with the goals of the Foundation.



KJF Projects



World Glacier Monitoring Service (WGMS)

Research

Education



Alpaga Project

Research



Lacos Project

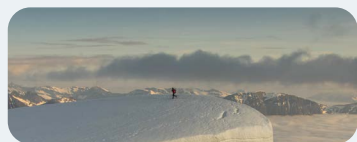
Research

Education



Athlete Climate Academy

Education



Educational programs

Education



Aprenem biodiversitat de les muntanyes

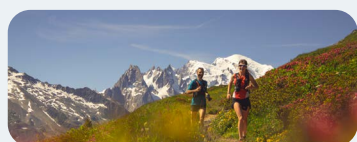
Education



Outdoor Friendly Pledge

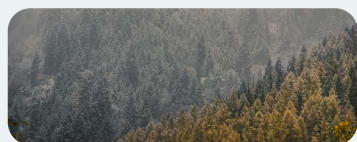
Education

Direct Actions



Green Trail Concept

Direct Actions



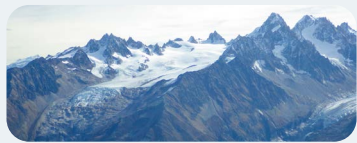
The Greatest Forests

Direct Actions



Muntanyes vives

Direct Actions



ESA MAPS

Direct Actions

This program has been gathering standardized observations of changes in glaciers, as well as information about their fluctuation. The funds collected go to different initiatives promoted by the World Glacier Monitoring Service.

The ALPALGA project focuses on microscopic, invisible organisms, which are at the heart of environmental changes, whose role in ecosystems is major, but whose biodiversity is largely unknown.

Thanks to the Joan Oró and the Salvador Grau i Tort scholarships, we started the LACOS project, a scientific study in collaboration with secondary schools in the Pyrenees.

Webinars dedicated to athletes in order to bring them closer to science and the knowledge of the environment in order to contribute to the environmentally friendly transition of sport.

Different projects and campaigns from local to general actions involving education in kindergarten, school and university.

Through the creation of different types of materials, the goal is to reach students in kindergarten, primary, and secondary education.

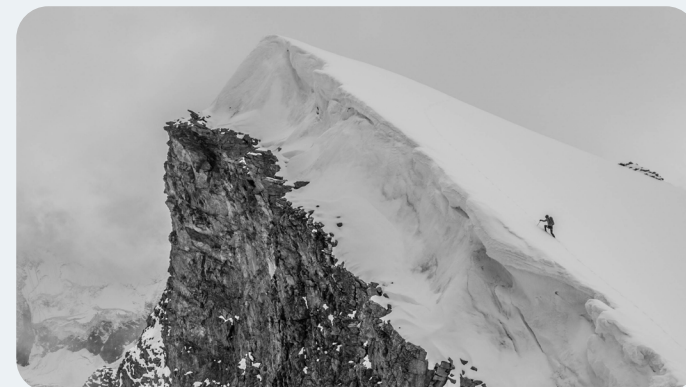
To build a community of athletes, brands and federations wanting to implement initiatives that contribute to making the practice of outdoor sports more sustainable.

Improve the governance of sporting events by incorporating environmentally, socially and ethically sustainable practices in the management of mountain running events.

Promotion to acquire the timber rights of forest reserves with unique elements, with the aim to protect their ecosystem.

Create awareness of the need to practice sport respectfully for the environment. Clips where environmental specialists meet an athlete in their usual sports practice, reflecting the impact this practice could have on the natural environment.

APP that allows visitors of a natural space to acknowledge if they are in an overcrowded and/or vulnerable area. The unique natural elements that are present and what behavioural guidelines are recommended to protect the area.



World Glacier Monitoring Service (WGMS)

The Kilian Jornet Foundation wants to focus its first project on the study and investigation of one of the most visible climate change phenomena: the retreat of glaciers.

Studying this retreat is key to developing projects to conserve these ice masses that hold between 60 and 80% of the planet's fresh water. To do this, the Kilian Jornet Foundation is partnering with the World Glacier Monitoring Service (WGMS) of the University of Zurich, in Switzerland. For more than 125 years, this program has been gathering standardized observations of changes in glaciers, as well as information about their fluctuation. The funds collected will go to different initiatives promoted by the World Glacier Monitoring Service, from measuring devices and equipment for researchers to education programs for schools, among others.

Today, the World Glacier Monitoring Service (WGMS) collects standardized observations on changes in mass, volume, area and length of glaciers with time (glacier fluctuations), as well as statistical information on the distribution of perennial surface ice in space (glacier inventories).

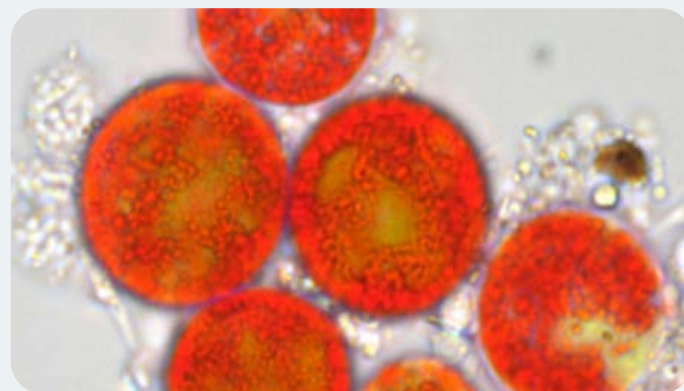
Goal

We will buy several autonomous measurement stations for monitoring high-resolution glacier ablation that will be used by the WGMS. These stations, known as smart-stakes and developed in France, make possible to study the glacier surface melt processes at a temporal scale never reached before and online monitoring and understanding of the effects of global warming on glaciers.

Our goal is to buy 20 units.

Unit price: €10.000

[Donate](#)



Alpaga Project

The ALPALGA project focuses on microscopic, invisible organisms, which are at the heart of environmental changes, whose role in ecosystems is major, but whose biodiversity is largely unknown.

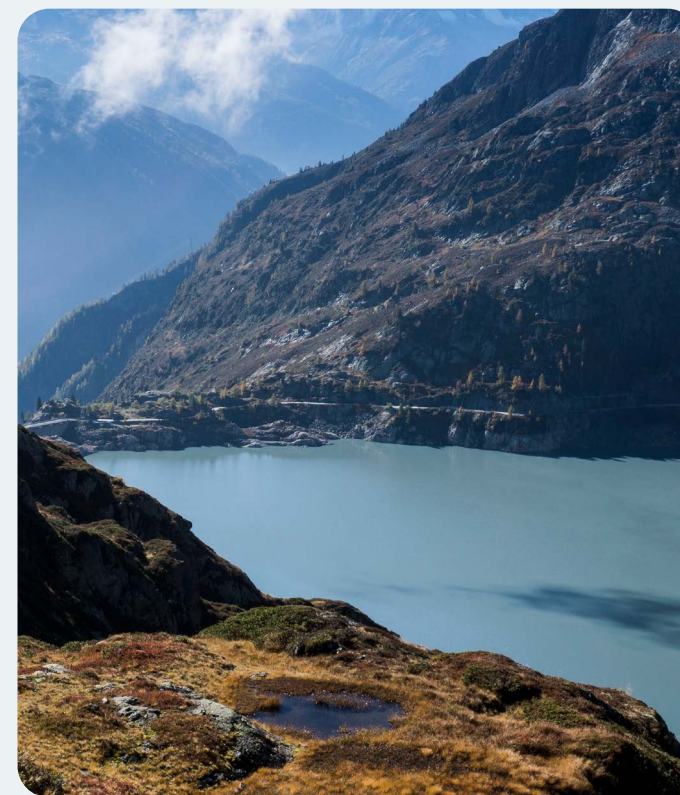
In the context of climate change, mountain environments are dramatically affected. Glaciers are retreating, lake levels are falling, the supply of water to rivers and streams is endangered. At all elevations, all environments such as forests, mountain pastures, snow cover, are affected. We are facing visible changes but also invisible ones.

Microalgae are photosynthetic organisms of very small size (a few thousands of a millimeter), either unicellular or forming colonies of a few cells. They are well known in the plankton of oceans, lakes and rivers, but they also develop in all types

of environments exposed to light: soil, snow, ice. Thanks to photosynthesis they capture CO₂ when they are exposed to light, making them pioneer organisms capable of colonizing terrestrial environments and serving as food for a variety of organisms.

Despite this vital role, helping to form the basis of ecosystems, the microalgae that inhabit terrestrial environments are still poorly understood. They are impacted by climate change, favored by the increase of CO₂ in the atmosphere, and this is expected to destabilize ecosystems, but also accelerate certain negative effects on some environments, in particular glaciers. For this reason, we worked with ALPALGA raising funds for two genetic sequencing of two species that have not been studied yet; being able to reach new information crucial for the environment.

alpalga.fr/



LACOS Project

the importance of mountain lakes in the carbon cycle

The main objective of this project is to study the importance of mountain lakes in the carbon cycle, specifically carbon dioxide (CO₂) and methane (CH₄). The hypothesis that is formulated is whether mountain lakes are carbon emitters or reservoirs, as well as whether human impact with over-frequency or introduction of invasive species affects this balance.

The LACOS (Lakes, Carbon, Oxygen, Schools) project is led by the scientist Núria Catalán, aquatic biochemist, affiliated with the Laboratoire des Sciences du Climat et de l'Environnement (LSCE), Centre National de Recherche Scientifique (CNRS).

This study will allow us to better understand how these

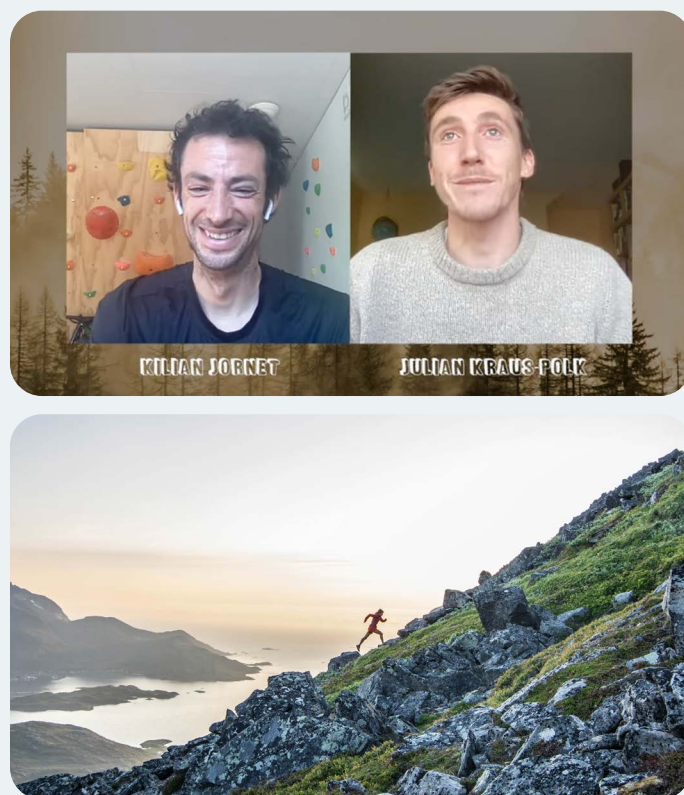
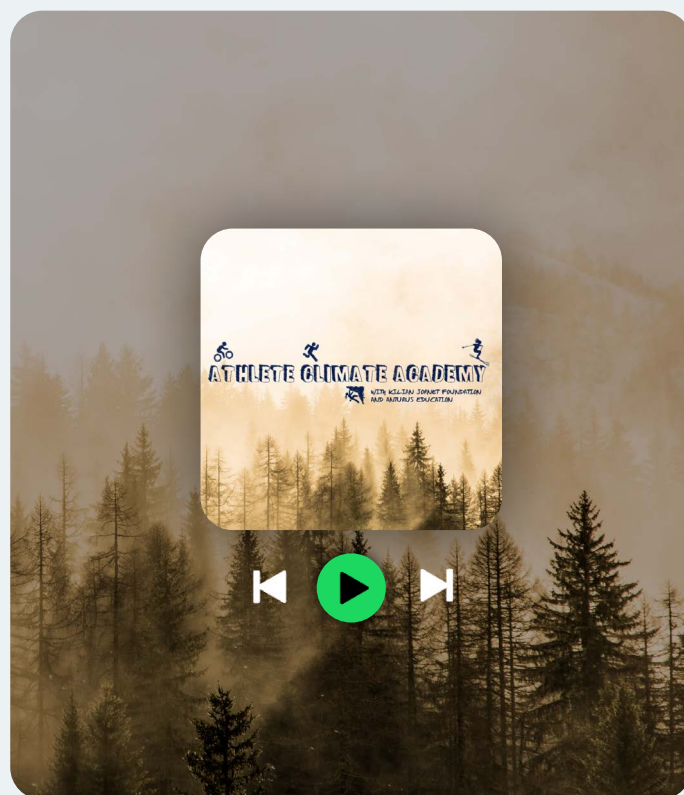
ecosystems work in order to make good decisions for their preservation and resilience.

To carry out the study, oxygen and carbon sensors will be implemented in two lakes in the Alt Pirineu Natural Park, one located outside the main hiking routes, and the other more accessible and frequented, in order to determine if there are variations.

Goal

One of the main objectives of the project is to share live science through the collection and analysis of data, with the direct participation of students. We want to increase the awareness of the importance of conservation.

During March 2023, the sensors will be installed in the lakes, and we will begin to receive data.



Athlete climate academy *the scientific performance*

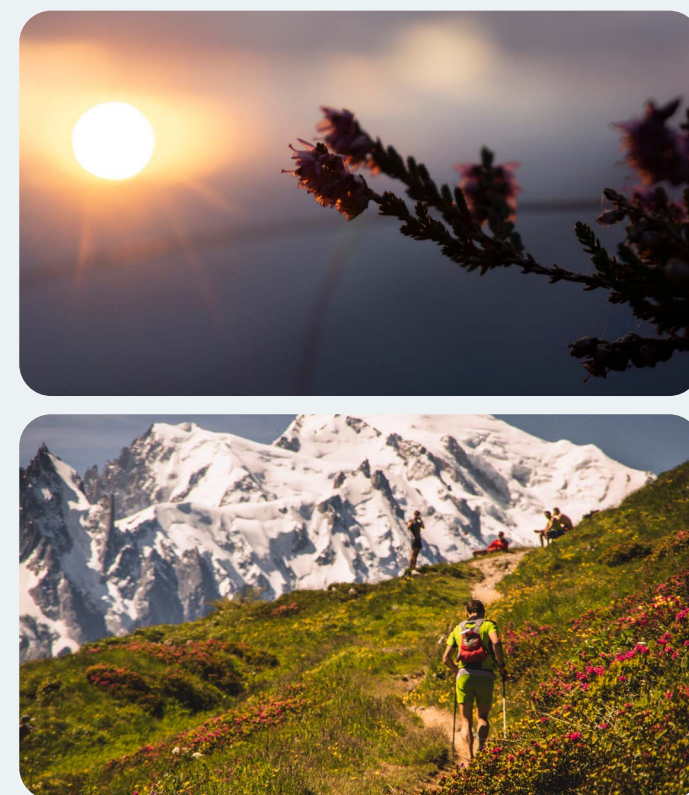
Podcast hosted by Kilian Jornet and Huw James, dedicated to athletes in order to bring them closer to science and the knowledge of the environment in order to contribute to the environmentally friendly transition of sport.

At a time when climate change is advancing unabated, we need to provide the tools and knowledge of what climate change means globally and locally. Understanding the effects of climate change on ecosystems and becoming aware of what we can do to reduce our footprint. These are some of the goals of the project, oriented towards high-level athletes but also open to everyone.

For the transition to sustainability, knowledge is as important as a good attitude.

Goal

- Create a sport community with more knowledge about the environment on which they flourish.
- Create a podcast, video interviews and live webinars.
- Raise awareness of the fragility of the natural environment and its ecosystems in offline events.
- Involve participants in the transition to a more sustainable sport activity.

athleteclimateacademy.com
[Listen podcast](#)


Aprenem biodiversitat de les muntanyes

This collaborative project arises when we realize that schools and institutes in mountain territories, such as the Pyrenees, do not have suitable materials for working on topics related to nature and sustainability that are relevant to their reality.

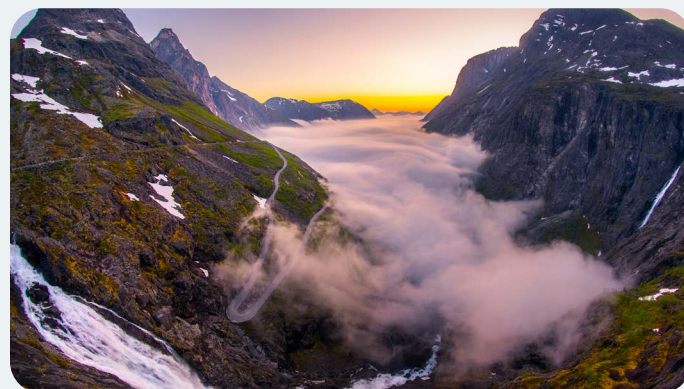
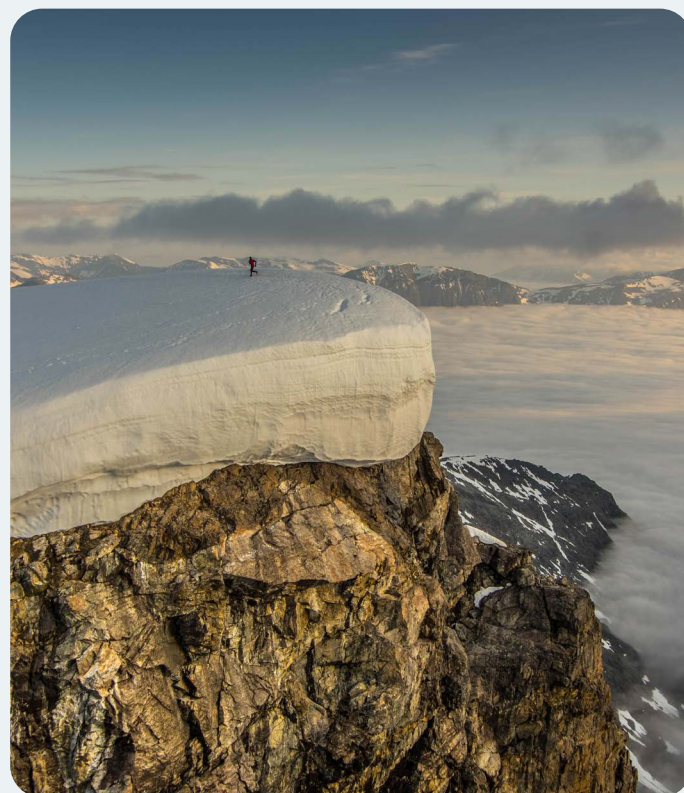
Likewise, visitors and schools from other areas that come to the mountains also do not find such materials. We would like the children and young people in our territory to better understand which animals are in danger of extinction in our own area.

Goal

The main objective of the project is for the educational community, natural parks, and all mountain territories to work together with the foundation to develop these materials that can be accessible to everyone, specifically to work on aspects related to fauna, flora, and ecosystems in mountain environments.

Through the creation of different types of materials, the goal is to reach students in kindergarten, primary, and secondary education.

[Donate](#)



Educational programs

Listening and educating the next generation

The Kilian Jornet Foundation wants to inform and raise awareness in the educational field and the general public of the importance of preserving mountain environments. To preserve an environment you need to love it and to love it you need to know it well.

Different projects and campaigns from local to general actions involving education in kindergarten, school and university.

1. Inspiring projects

This is a world map of inspiring school projects from the kindergarten to high school and vocational training.

2. Learning biodiversity from mountains

Creating materials about the regional biodiversity for the education community in mountain regions.

3. Actions

Different actions to do during the school year to raise awareness about nature.

[More about KJF Education Projects](#)



Outdoor Friendly Pledge

outdoor sports for the environment

Outdoor sports use the natural environment as their playground and training space. Every outdoor enthusiast loves nature in one way or another. However, we need to take a step further when it comes to the preservation of the environment and the sustainability of sport activity.

The Outdoor friendly pledge was born with the aim of helping the practice of sport become more sustainable. The goal is to do this through a community where athletes, brands and federations can come together and speak up in order to commit to this cause and reach their environmental goals.

Goals

- Promote a more sustainable sport activity.
- Reduce the carbon footprint caused by the practice of sport.
- Improve the management of natural resources and the preservation of biodiversity.
- Create a more environmentally sensitive sports community.
- Implement a sustainable commitment for athletes, federations and sports brands.

outdoorfriendly.org/



Green Trail Concept

GreenTrailConcept seeks to improve the governance of sporting events by incorporating environmentally, socially and ethically sustainable practices in the management of mountain running events, while engaging event audiences in taking more sustainable actions and integrating the principles of inclusion and social justice in the organization and management of events.

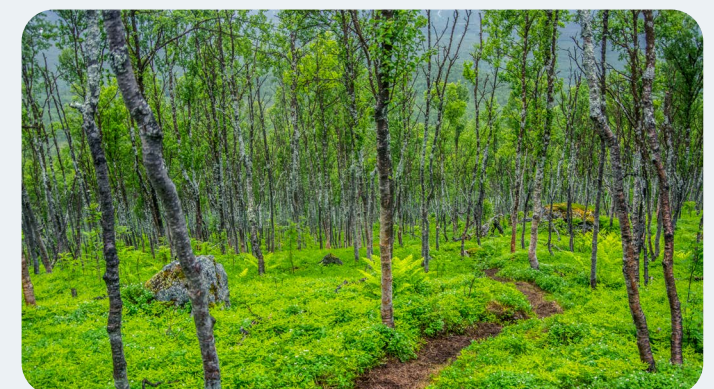
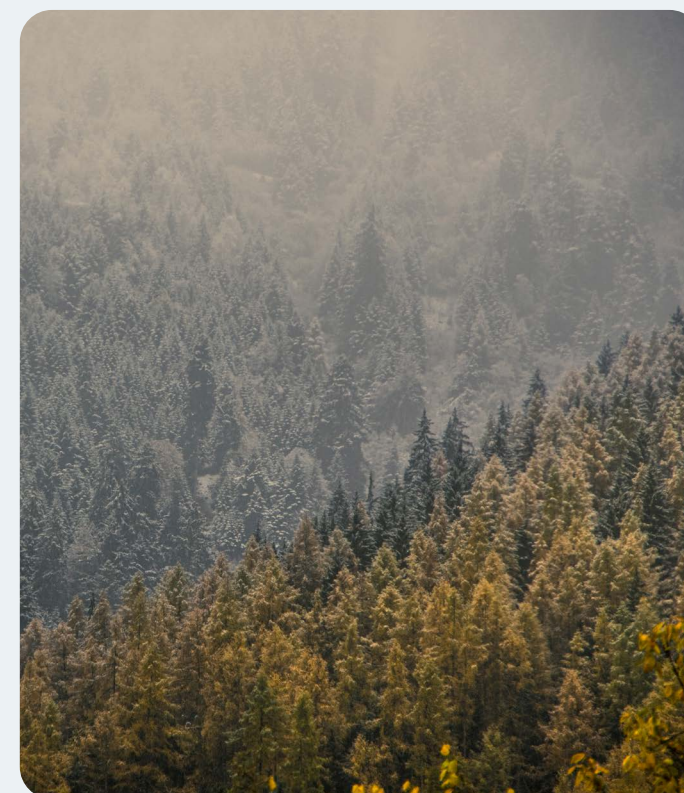
At the same time, raise awareness among sports organizations, participants and the public about the effects of climate change on natural areas and how to improve sustainability in sports practice.

Goal

For the first objective, the project will develop and **promote the use of a certification system to plan**, analyze, monitor and evaluate the performance of organizations. The tool will

not only assess the current situation, but provide guidance and advice to improve the overall sustainability of planned activities. In order to involve the public, a participation strategy will be drafted and a communication campaign dedicated to mountain racing fans, participants and their families will be carried out in order to increase awareness of the impact derived from their practices and to stimulate behavioral change through small individual actions.

GreenTrailConcept will be governed through the three pillars of sustainability: environmental, social and economic, promoting activities in order to integrate the races in the landscapes where they are carried out, encouraging and rewarding inclusion, gender equality and creating synergies with local communities and economies. The project brings together four partners: ADP events sportives AB, Ecoserveis, GRID-Arendal and the Kilian Jornet Foundation, that will work as a consortium during three years developing the project.



The Greatest Forests

The forests matters

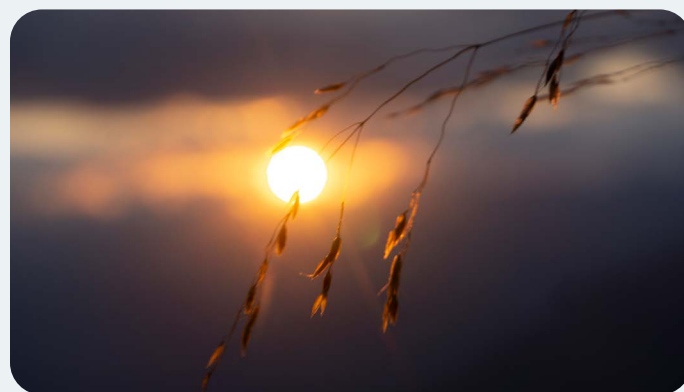
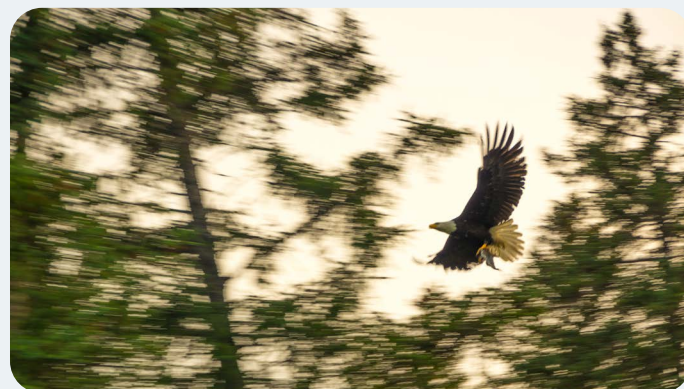
We are in a context of climate change where biodiversity is in clear decline. This is confirmed by different scientific studies given that year after year they show the same problem. One of the ecosystems most affected by human pressure and land use change are the forests.

The Greatest Forests are a series of forest reserves spread throughout Europe. These reserves are chosen for the unique elements found in there, either because they are mature and singular forests or because of their faunal and floristic values. Companies, individuals and institutions will be able to acquire the timber rights of these forests in order to ensure that the

forest is preserved without altering its ecosystem. The duration of the agreement will be for a minimum of 25 years and all CO2 generated may be offset by the holder of the reserve.

Goal

- Creation of forest reserves for 25 years.
- Protection of sensitive habitats and conservation of associated biodiversity.
- CO2 storage.
- Dissemination and awareness of the values held by these forest reserves.



Muntanyes vives

The impact of sports practice on the environment

The number of people practicing sports activities in the natural environment has increased considerably. In many cases, the new practitioner and those already familiarized with the sport, have a lack of knowledge of the natural values of the environment where they develop the activity. Within this scenario, it is necessary to make the sports community aware of the risks and threats that an irresponsible practice mean to the natural environment.

During the first edition of [Muntanyes Vives](#), we created a website that displays different natural spaces with emblematic species from each one and details the problems they face. The aim of the Muntanyes Vives II project, is to create aware-

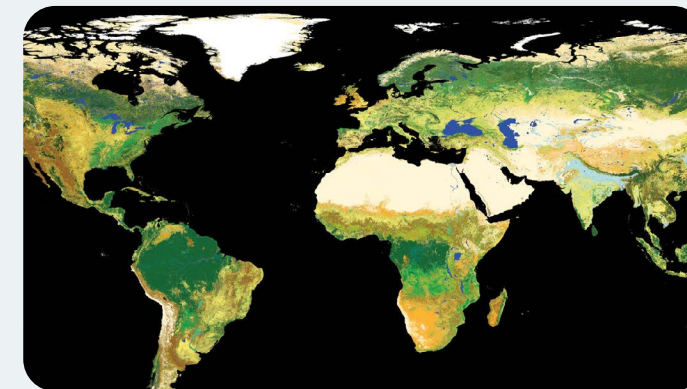
ness of the need to practice sport respectfully for the environment. The project will have 4 clips where an environmental technician/specialist will meet an athlete in their usual sports practice, reflecting the impact this practice could have on the natural environment. The four sports disciplines will be mountain skiing, climbing, canyoning and trail running.

Goal

The main objectives of this project, are to **share with the sports practitioners the natural values of the mountain areas; raise awareness** about the threats and impacts that are generated from outdoor sports; **establish behavioral guidelines** and recommendations to be taken into account for each sporting activity and **bring the sporting community closer to the conservation of natural values**. Follow this project to learn more about preserving the environment and enjoy it for many years.

@muntanyesvives

Supported by:



ESA MAPS

for a respectful outdoor access and sports practice

The rise of outdoor sports and human pressure on the natural environment is growing day by day. In many cases, sports in the wild take place in vulnerable areas with very limited capacity. In addition, many outdoor sports enthusiasts are unaware of the impact they can have on the environment. This project aims to provide the tools for the transition of a more responsible and environmentally friendly outdoor sport.

ESA MAPS is an API and APP that intuitively and easily informs visitors of the natural environment about whether they are in a vulnerable and / or overcrowded area. What natural values are held there and what behavioral guidelines are recommended to minimize their impact. The APP also wants

to incorporate all the regulated areas regarding climbing, canyoning, mountain biking or skiing activities, so that any of these athletes can know, in a single application, all the information necessary for a responsible sport activity.

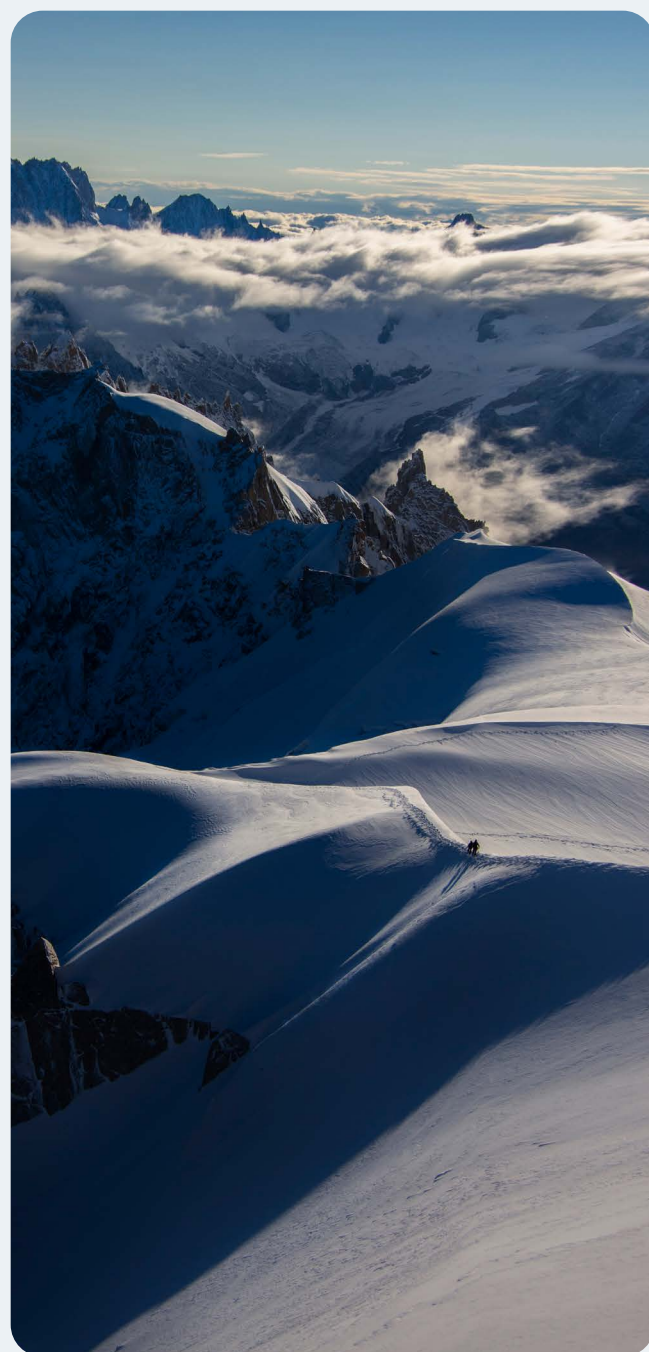
Goal

- Reference APP creation.
- APP easy to consult and friendly interface.
- Useful tool for athletes and land managers.
- Lower human pressure in sensitive areas. Involve participants in the transition to a more sustainable sport activity.



Our year by the numbers

The KJF has developed different actions and programs with a high local impact.



+70 schools

have raised money for local environmental projects.

European School Sport Day 2022

Collaboration focusing on Going Green KJF developed different videos where Kilian Jornet incentivised a respectful sport practice with the environment.

+108 actions worldwide

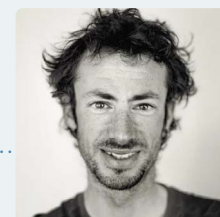
Plogga II is a project led by KJF incentivizing individuals and collectives to pick up trash while practising sports. More than 108 individual and collective actions were activated in 2022 around the world (Europe, Asia, America, Australia and Africa).

+6.000kg removed from environment

Plogga II action's reach more than 6.300 kg that were removed from the environment.

Team & Partners

A dynamic multi disciplinary team with a strong commitment to nature, mountains, social justice and human rights. The Foundation has become the meeting point for a variety of nature and mountain lovers with a common goal, the preservation of mountain environments.



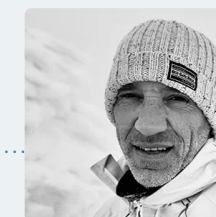
Kilian Jornet
President



Jordi Lorenzo
Trustee



Toni Sendra
Trustee



Joan Solà
Collaborator



Gerard Vila
Project Manager



Nuria Burgada
Educational Project Coordinator



Laura Viñals
Communications Manager

Our partners on the preservation of the mountains



Get involved

Your turn!

Take your first action for
the preservation of the mountains

Donate

Contact with us

Follow us on social media

