

TRAILWORKS

Biketrails & Wanderwege GmbH



HIKING PATHS & TRAILS

PLANNING · EXECUTION · MAINTENANCE

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Welcome to Trailworks

Trails Trails are evidence of our unique cultural landscape. In alpine regions, endless paths have been built since the first settlements to bring goods from A to B, to take the cattle to the pastures, to get from one valley to the next.

We are still moving along these historical routes today – although we hardly realize it. The use of trails has radically changed over the years. The transportation routes have become leisure and pleasure tracks. The entire hiking network of Switzerland, for example, encompasses about 65.000 km. It ensures that numerous people can explore the landscape.

Today, getting outdoors is an essential, energizing and peace-inducing element of modern society. Yet, the <run> on the mountains results in a growing pressure on nature and infrastructure. There are more and more hikers as well as more and more (e)mountain bikers. This brings new challenges – also for the construction and maintenance of hiking trails.

The co-existence of various user groups, the prevention of conflicts, creation of authentic and sustainable experiences – those are the complexities that trail building has to target today in a professional manner. In 1998, Trailworks began designing and building bike trails. What started in Flims-Laax, Davos and Lenzerheide, today expands to Engelberg and Zürich, to Austria and Africa.

Our expertise and our sustainable approach have made the rounds. In recent years, we have had more and more requests to restore, maintain or construct hiking trails – and often the tasks involved multiple-use challenges. On most occasions, we can solve those issues with smart solutions and (often easy) measures making all interest groups happy.

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CONSULTATION & EXPERT SUPPORT

PLANNING NEW TRAILS

FROM THE BEGINNING

Consultation & expert support

Trailworks consists of a highly skilled, experienced and diverse team – from structural engineers to carpenters, from landscape architects to metal workers. Thus, we can offer professional and efficient support in the design and construction of bike and hiking trails among which:

- ⊕ restoration of existing hiking paths
- ⊕ optimizing sections of the line
- ⊕ extension / maintenance of existing trails
- ⊕ new construction of hiking and biking trails
- ⊕ developing co-existence / multiple-use measures

FOR WHOM:

- administration
- lift organizations
- communities
- tourist destinations
- associations
- planning bodies



SMART LAYOUT

Planning new trails

There are numerous factors to be considered before building can begin. For entirely new trail layouts it is necessary to examine the intended use and maintenance of the tracks, the topographic and geological conditions, requirements, obligations and infrastructural questions. At Trailworks we are known for creating in-depth and efficient masterplans.

We have the expertise in all areas, we know what administrations want and what nature needs. We have a clear understanding of touristic demands and also have our eyes on future developments.

Therefore, we can support communities, lift organizations and tourist destinations by professionally handling the following tasks:

- **terrain assessment**
- **line design**
- **transferring single sections to improve maintenance**
- **planning bike & flow trails as an additional tourist attraction or**
- **expansion of recreational activities**

We are able to create the perfect multiple-user experience with an exciting and well-designed trail network. We can reduce maintenance costs, increase efficiency during the construction phase, save resources and protect nature.

CONSTRUCTION
MANAGEMENT

NEW
CONSTRUCTION

MAINTENANCE

COOPERATION

WORKSHOPS

Construction management & new construction of hiking paths / bike routes

Our world is getting more and more diverse, our interests wider – and thus the potential for added value higher. At the same time the pressure on tourist destinations, on nature and the infrastructure grows. Trailworks has specialized on exactly those challenges.

When constructing a hiking path, you have to consider the multi-use of bikers from the beginning. A smart line design can suit both user groups and a thought-through masterplan can avoid overcrowding by clever distribution. We are also experienced in minimizing maintenance through drainage and optimum utilization of the terrain and the grade.



It is one of our key concerns to keep the impact on the landscape as low as possible. You only achieve an attractive and thus successful trail layout when working with the environment and maintaining a natural surroundings. We are very much aware how sensitive the terrain is we work in. Our highly skilled staff is constantly trained, and our fleet of machines is aligned to those needs and tasks.



Maintenance of existing hiking paths

Single sections or existing hiking routes can also be adapted to the new multiple-use challenges. Especially in recent years, we were able to create quality shared trails experience with professional masterplans and layouts. Often this does not involve major interventions, but smart and individual solutions.

The following points are key in establishing a quality infrastructure for all interest groups:

- clearing blind spots
- reducing speed for riders
- installing proper drainage systems to ensure low maintenance
- interesting, exciting trail design instead of «straight lines»
- creating authentic nature experience for diverse user groups

Working with civil defense, local constructors, trail staff etc.

We often include local workers in a project under the guidance of our construction team – it keeps costs low and utilizes the knowledge of local staff.

In the past we have successfully worked on several projects with civil defense, trainees or the staff of local constructors.



Maintenance workshops for local staff

Our profession is our passion and we love sharing our expertise. We offer one- or two-day workshops where we train your local staff in efficient trail care.

The workshops are very practice-oriented and teach easy ways of optimizing existing structures on-site.





Feasibility studies & planning bike trails



The assessment, planning and implementation of bike tracks are among our core competences. Flow trails that offer great fun for beginners, families and experienced riders alike bear great potential for tourist destinations as well as for urban and metropolitan areas where the population is longing for recreational activities.

As (e)biking is getting more and more popular, we respectively see a rising demand in professional and exciting facilities. In turn, they are becoming a crucial factor for regions – not

only to stay attractive, but also to professionally navigate the guests and thus avoid overcrowded routes and tracks.

Communities, lift organizations and destinations are facing new challenges – but they bear great chances at the same time. It is crucial, however, to start with a thorough, detailed analysis of the current and the requested state, followed by an in-depth definition of the target groups, the feasibility of the project and a clear and efficient masterplan. You need to incorporate all interest groups, landowners

and organizations from the beginning. With all parties on board, the process can run smoothly and efficiently, and the added value chain can be optimized.

We are happy to support associations and private entities in realizing their trail projects.



Bike- & flow trail construction

Flow trails and easy to ride bike tracks are becoming increasingly popular. This demonstrates the extreme rise of mountain biking, as well as the attraction of those tracks themselves, drawing even more people to the sport and into nature. They are, therefore, of great interest for tourist destinations and communities – yet, there is a lot that can go wrong, especially for beginners.



Several well-built examples of flow trails reveal how strongly lifts can profit from their new clients in summer. The added value, of course, also encompasses gastronomy, hotels, shops and many other stakeholders. We have tons of experience in this field and not only guarantee fun flow trails, but also a clean, responsible construction focusing on saving resources and low maintenance.

Sustainability

We work in and with nature. We know how powerful and strong it is – but also how fragile and sensitive, especially in alpine environments. We are committed to work sustainably, clean, resource saving and nature protective. Usually we cooperate closely on-site with environmental construction supervisors. Also, our team is constantly trained and educated. We further encourage the use of local material for the construction.

References

Reshape Furka-Höhenweg
Reshape / renewal hiking trail Oberalppass (Vier-Quellen-Weg)
Construction hiking trail Schneehüenderstock
Construction / relocation hiking trail Chaschaunapass
Site management / reshape hiking trails Val Lumnez
Reshape / reconstruction Matterhorn Valley Trail
Construction / Design Flowline Lenzerheide
Construction / Design Flowtrail Jochpass / Engelberg
Construction / Design Flowtrail Brandnertal
Maintenance / renewal hiking trails Brandnertal
Maintenance / renewal hiking trails Lötschental
Maintenance workshop Valais
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