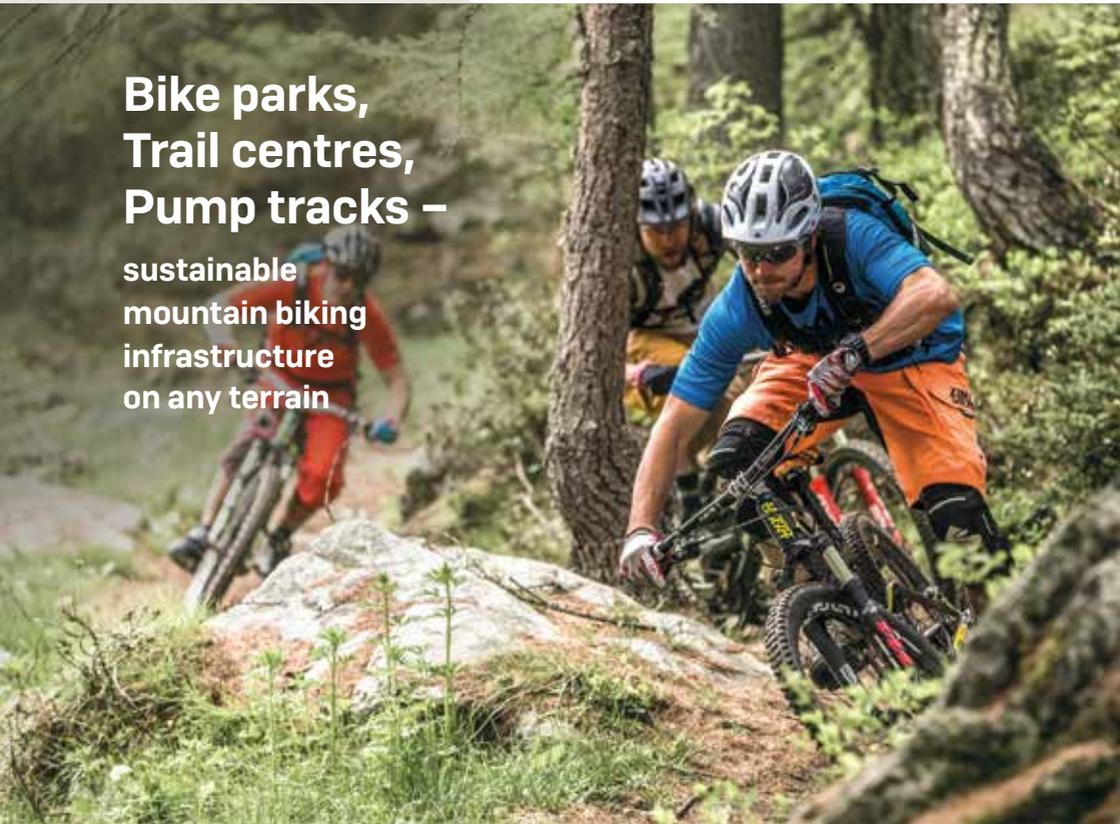




# DOWN THE HILL INTO THE CITY

**Bike parks,  
Trail centres,  
Pump tracks –**

**sustainable  
mountain biking  
infrastructure  
on any terrain**



**TAILORED  
MOUNTAIN BIKING  
FACILITIES**

# Balzamico Trail Design

Balzamico Trail Design offers planning and consulting services for sustainable mountain biking infrastructure.

We develop and implement mountain biking facilities – perfectly adapted to landscape conditions. Individual customer requirements and specifics for each project are always at the heart of our work.

“Mountain biking is ever growing in importance, not only as a recreational sport but also as a service to tourists. An increasing number of mountain bikers are expected, especially thanks to new electrically assisted mountain bikes.”\*

**ALPINE**

In the mountains, bike parks wonderfully complement winter tourism and compensate for lower utilisation of the existing infrastructure in mild weather conditions.

**RURAL**

In suburban and rural areas, trail centres offer attractive alternatives for tourists and are thus economic assets.

**URBAN**

In urban areas, pump tracks constitute the ultimate sports site for the biking generation.



\* Lund-Durlacher, Germany, [9/2015]. Mountain biking as a recreational and tourist activity in Austria: Status quo and development prospects with special consideration of the legal framework. MODUL University Vienna, Department for Tourism and Service Management

**TEAM**

**ANDREAS WITTMANN**

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The internationally renowned mountain bike pro from Bavaria grew up on a bike and knows every significant mountain biking site on the planet. The mastermind behind the course at the mountain bike freeride-event “**Suzuki Nine Knights**”, he knows exactly what expectations modern mountain bikers have of bike parks.



**HUBERT LEIBL**

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As a **civil engineer**, he makes sure that our trails truly deliver on a structural level. Thanks to his professional experience, he knows the manifold demands required to realise bike trails in nature. This makes him an expert for authority procedures and sustainable design of our sites.



**ANDREAS BREWI**

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He planned the route for the mountain bike Dirtjump Event “**Vienna Air King**” at Vienna Town Hall and has become a well-known face, both inside and outside the community. In 2011, he beat an Olympic snowboard champion down a ski slope on his mountain bike during a famous German TV show. Since then, he has devoted all of his energy to landscape architecture.



ALPINE

# Bike parks



## Innovative mountain bike trails around lift installations

Bike parks increase off-season utilisation in winter sports areas.

**Based on the existing slopes and service infrastructure**, the set-up of different mountain bike tracks can be realised. Due to their unique design, they fulfil the necessary special requirements regarding safety and frequent use.

**Bike parks therefore are attractive, full-fledged holiday destinations.**

The different levels of difficulty on the tracks are, much like ski slopes, appealing to a wide range of users.

Special features like jumps, steep turns and obstacles enhance the tracks and reflect the current mountain biking trends.

**Bike parks are a particularly ideal addition to existing winter tourism infrastructure** in alpine regions and add to the range of facilities for mountain bike fans. The use of existing infrastructure and hills increases their capacity – especially in times of little snow.



SHOWCASE

### DESCRIPTION OF THE AREA

<b>LOCATION</b>	Eastern Alps
<b>HEIGHT</b>	750 m to 1950 m
<b>INDUSTRY</b>	Tourism
<b>INFRASTRUCTURE</b>	Ski lifts, slopes, Ski lodges, sports retail

### PROJECT OPTION

- **Summer operation of cable car lift;** also T-bar lift and conveyor near the bottom lift terminal.
- **Adjustment of service facilities** to mountain biking
- **40 km of MTB tracks** with different levels of difficulty between summit and bottom terminal of the cable car lift.
- **Skills park with dirtjump line** thanks to the use of the T-bar lift near the bottom terminal
- **Kids area** with conveyor lift near the bottom terminal



### TIPS

A considerable number of mountain bikers likes to go uphill without the help of lifts. A complementing set of roads and paths makes for hungry bikers in the lodges.

Many e-bikers prefer the lift for a comfortable ride back down. Mountain lodges that offer charging stations along the way provide bikes and bikers with new energy.

A publicly accessible pump track near the bottom lift terminal is an ideal introduction to mountain biking and makes visitors hungry for more.



full-fledged holiday destination



Focus: Mountain bike



wide target group



can be individually extended

RURAL

# Trail centres



**Diverse mountain bike trails that also work without ski lifts**

Trail centres are designed around existing central service infrastructure including gastronomy, workshops, and stores.

From this point of departure, the **mountain bike trail network extends over a wide range** of well-marked trails. Thanks to their special design, these trails are even accessible in snow-free winters.

**These conditions guarantee a year-round use of the trails** for groups of bikers with varying skills. Families, too, will get their money's worth – parents can watch their kids on the training courses and then go for a ride themselves as well. Bikers old and young can then get their batteries recharged in the nearby restaurant.

**Trail centres are especially suitable for rural areas and outskirts of towns with hilly landscapes.** The nearby service infrastructure creates additional economic value. **The thoughtfully laid out paths** that gently control visitor movements ensure that the adjoining rural areas are optimally protected.



## SHOWCASE

### DESCRIPTION OF THE AREA

<b>LOCATION</b>	Alpine foothills
<b>HEIGHT</b>	300 m to 500 m
<b>INDUSTRY</b>	Agriculture and forestry
<b>INFRASTRUCTURE</b>	Restaurant with parking lot

### PROJECT OPTION

- **30 km of different MTB circuits** with start and finish right by the restaurant
- **Enhance your restaurant** with a MTB shop and a workshop

### TIPS

Kids can improve their riding skills on a pump track near the restaurant, while their parents enjoy their coffee.

There is a T-bar lift from snowier times? Add a mini-bike park to your trail centre – for the downhill fans among the bikers.

eBikes are great fun, even uphill. Specially designed ramps and drives guarantee the right uphill-flow.



year-round destination



mountain bike and eBike



wide target group



economically valuable

URBAN

# Pump tracks



## Tailored mountain biking sites for urban areas

Pump tracks are coherent circuit trails with bumps and turns where bikers ride along by rhythmically applying and releasing pressure (=pumping) on the bike.

The asphalt pavement enables use of the tracks with skateboards, scooters, and inline skates.



Their organic design without any sharp edges minimises the risk of injuries – making the pump tracks **ideal for use by children, adults, beginners and advanced users alike.** Difficulty of use varies according to speed, which only increases with better skills.



Pump tracks are ideal for public spaces in residential areas and a **wonderful addition to playgrounds, school yards or sports centres.** Their construction is feasible on areas ranging between a couple hundreds and several thousand square metres.

## SHOWCASE

### DESCRIPTION OF THE AREA

<b>LOCATION</b>	Park in local area
<b>AREA</b>	70 m x 30 m
<b>INFRASTRUCTURE</b>	nearby playground with drinking fountain and benches

### PROJECT OPTION

- **Pump track with 300 linear metres**
- **Bicycle parking**, public bicycle pump and tools, tube dispenser



ideal for beginners of all ages



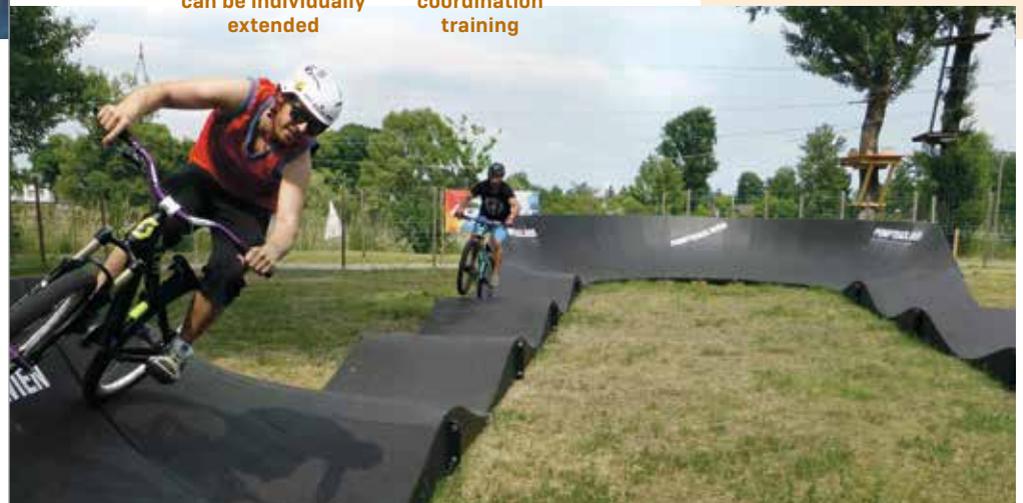
wide target group



can be individually extended



coordination training



## TIPS

Add a multi-purpose area to your pump track, for flatland skateboarding and BMX.

Integrate pump tracks into physical education.

Exercises that require coordination skills prepare students of all ages for the challenges of road traffic.

Apart from asphalt and soil, pump tracks are also made from wood constructions. This makes them movable, modular and easy to assemble in gyms.

## OVERVIEW

# What we offer

We support you through each phase of the project and offer comprehensive advice in all relevant matters



### CONCEPTION

- Feasibility studies
- Conceptual design
- Cost estimation and analysis

### PLANNING

- Handling of all authority procedures
- Detail and execution planning
- Handling of the bidding process

### REALISATION

- Supervision of execution
- Construction supervision
- Site coordination

### SUPPORT

- Operating guidelines
- Security and risk management
- Acceptance and periodical inspections

## CONTACT

### BALZAMICO TRAIL DESIGN

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### Thank you for your time!

We look forward to hearing from you and are happy to offer an informal initial consultation.

### The Balzamico Team

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## IMPRESSUM

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