



Vorarlberg
unser Land



Vorarlberg on its way to a Safe Region

Proposal Report for the
Land Vorarlberg Re-Certification
as Safe Region within the
International Safe Community-
Program

Impressum

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Proposal Report for the Land Vorarlberg Re-Certification
as Safe Region within the International Safe Community-Program

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I Introduction

With the report “Vorarlberg on its way to a Safe Region” the federal province Vorarlberg wants to apply for recertification as Safe Region within the international Safe-Community-Program. Vorarlberg certified as “Safe Community” as early as 1998, and was recertified 2012. As an operational unit “Fonds Sichere Gemeinden” has been founded in 1997. It is seen as an offer from the persons responsible in public health to the population of Vorarlberg. The organization pursues the objective to reduce the number of accidents within all injury areas (above all in household, sports and leisure time activities) which results in a reduction of human sufferings and in a reduction of the consequential costs following an accident. The institution is based on a citizen-oriented and subsidiary implementation of activities, measures and projects in the vicinity and seeks the establishment of a regional carried structure for injury prevention across the province.

Based on the available injury statistics, intermediate-term and long-term programs are developed and offered to different target groups.

Thus more than 600 events on the subject of injury prevention, with more than 29.000 active participants are realized annually.

II Description of the region

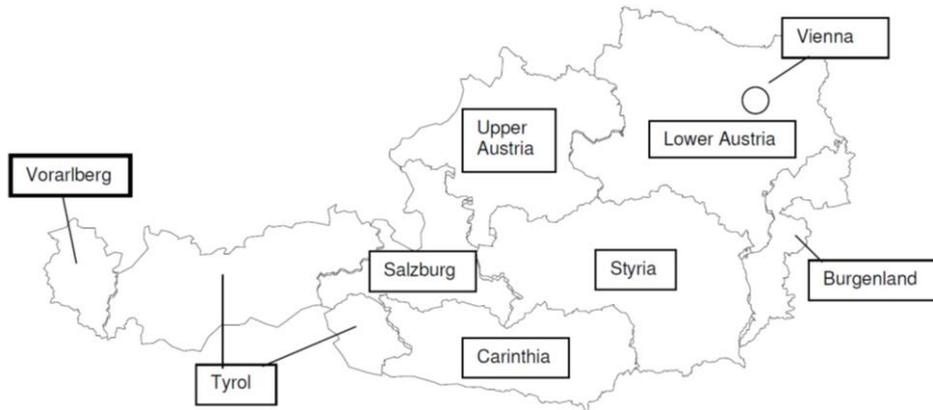


Figure: Austria and its nine federal provinces



Figure: Map of Vorarlberg

Vorarlberg is the most western province of Austria and, with an area of 2.601 square kilometres, the second smallest after Vienna. It extends from Lake Constance to the three thousand-metre high Silvretta mountains and from Alpenrhein to Arlberg. It has 389.570 inhabitants, thereof 66.230 foreigners with main residence in Vorarlberg (last updated: 31.12.2016). Vorarlberg has 96 local communities (5 of them are towns and 8 of them are market communities) and is divided into 4 administrative areas (Bregenz, Dornbirn, Feldkirch and Bludenz). The greatest population density can be found in the Rhine Valley and in

Walgau. Tourism is an essential economic factor. In the years of 2015 and 2016 altogether 9.044.351 overnight stays were counted. Of these 5.113.642 in winter and 3.930.709 in summer.

Age	2016	
	Population	%
Total	389.570	100%
below 15 years	62.624	16,1%
15 – 60 years	239.888	61,6%
60 years and up	87.058	22,3%
therof foreigners	66.230	17%

Figure: Population by age with main residence in Vorarlberg

Hospital discharge statistics

Hospital discharge statistics from acute care hospitals after injuries are shown in the following tables. A time series from the official hospital discharge statistics (Statistik Austria) about all inpatient treatments after accidents in acute care hospitals in Austria, by province and area of life.

Austria

Area of life	work, school	home, leisure time	sports	traffic
2009	13.231	109.469	23.905	11.294
2010	12.993	110.275	24.227	10.666
2011	12.412	111.543	23.675	10.030
2012	11.721	124.623	26.300	11.408
2013	12.857	126.476	27.500	11.734
2014	11.913	126.024	26.600	11.564

Vorarlberg

Area of life	work, school	home, leisure time	sports	traffic
2009	468	5.657	2.673	488
2010	439	4.786	2.569	377
2011	388	5.035	2.386	333
2012	334	5.163	2.157	321
2013	396	4.865	2.601	334
2014	431	4.975	2.688	436

Comparison

The following table shows the development of hospital discharges after inpatient treatments ensuing accidents through the years 2009-2014.

Area of life	work, school	home, leisure time	sports	traffic
Österreich	- 11%	+ 16%	+ 12%	+ 2%
Vorarlberg	- 8%	- 12%	+ 1%	- 11%

Indicator 1: Overview of accident prevention in Vorarlberg

“Sicheres Vorarlberg” (back then known as “Sichere Gemeinden”) was founded in 1993 in a model region including 14 of 96 communities of Vorarlberg with the aim to reduce the accident rate (specifically home, leisure and sports accidents). The effects of this model region were evaluated in 1996 and showed an impressive 19% decline. This led to the extension to the entire province of Vorarlberg in 1997. Since then, it is organized as an independent organization with 4 employees and several trainers who are performing the various projects in the field.

1998 followed the designation as “Safe Communities” by the WHO. Today “Sicheres Vorarlberg” performs around 600 events with more than 30.000 participants annually. The activities range from information for parents-to-be or avalanche safety instructions to physical activity groups for the elderly. Overall “Sicheres Vorarlberg” conducts 24 permanent and annually repeating programs and a wide range of different single events. Vital to the success of all programs and activities is the cooperation and networking with different local players like alpine organizations, sports associations, schools, kindergartens, communities, public authorities, police, experts, etc.

There are various approaches for “Sicheres Vorarlberg” to develop programmes: 1. statistics, 2. expert opinions (e.g. alpine guides), 3. our own subjective perception, 4. networking with other players (e.g. Safe Communities, BFU - Switzerland, Große schützen Kleine – Austria). Once a new problem area is identified (either by severity or by prevalence of injuries) “Sicheres Vorarlberg” invites experts and professionals regarding this specific topic to develop a strategy together (and ideally a concrete action) to target this problem.

Statistics is on the one hand (as mentioned above) the basis for future projects, on the other hand it's a method to evaluate our activities as well. Therefore, after two general evaluations of the accident rate in 1996 and 2001, now issue-specific evaluations are performed periodically. Such as a skiing and snowboarding accidents survey in 2012 or recently, a sports accidents survey.

Within the last 25 years "Sicheres Vorarlberg" has acquired renown with its citizen-oriented workings and the hands-on mentality based on scientific research and the cooperation with various experts.

The following timetable gives an overview on the development.

Timetable	
1990	Preliminary talks, Symposium on "Safe Communities"
1993	Conclusion of the contract between the partner (federal province Vorarlberg, Communities, VGKK, SVB, AUVA, Sicher Leben and KFV)
1994 - 1996	1 st Experimental project (3 years)
1997	1 st Evaluation of project success
1997	Project extension, all 96 communities in Vorarlberg are overseen
1998	Designation of the experimental region as "Safe Communities" by the WHO
1997 – 2001	2 nd experimental project (5 years)
2001	2 nd Evaluation
2002	Unlimited extension of the project, conclusion of contract between the partners (federal province Vorarlberg, Communities, VGKK, SVB, VAGW, VAÖE, BVA and Sicher Leben)
2002	1 st Re - Certification to become a member of the WHO network of "Safe Communities".
2007	2 nd Re – Certification to become a member of the WHO network of "Safe Communities".
2012	3 rd Re – Certification to become a member of the WHO network of "Safe Communities" (including a Side Visit).
2017	4 rd Re -Certification to become a member of the WHO network of "Safe Communities".

Description of the injury prevention workings in Vorarlberg

The planning is referring to the entire population, respectively groups of the population, not just the individual. The target groups of the injury prevention measures are lucidly

circumscribed and the contents and methods of the interventions are geared to the needs of the respective target group. Socioeconomic characteristics like education, income, career are equally considered as gender, age, civil status, specific stage of lifecycle and specific interests. Key aspect related to target group target-group-specific working is the reachability and access to all relevant groups of a measure.

The pursued approach is supporting and requiring self-responsibility from every person through awareness-raising.

Objectives of “Sicheres Vorarlberg”

Main objective of “Sicheres Vorarlberg | Fonds Sichere Gemeinden“ is to reduce the number of accidents within all injury areas (above all in household, sports and leisure time activities) resulting in a reduction of human sufferings and the consequential costs following an accident. The work is mainly based on involving all institutions affected by the consequential costs following an accident plus all accident risks and demographic groups. Through citizen-oriented and subsidiary implementation of activities, measures and projects in the vicinity and the long-term and sustainable establishment of a regional carried structure for injury prevention across the province, a social desired scope of safety should be achieved. Overall the awareness for injury prevention and individual behavioral change is desired. At the implementation, existing structures and citizen-oriented approaches should be used, especially the enhancement of existing activities and an unbureaucratic, flexible, pragmatic, efficient and effective administration of resources should be focused on. In a developmental phase of several years, a network of partners in schools, kindergartens, communities, sports clubs, senior groups, family organisations and so on, was successfully built up.

Funding

The fund’s budget is about 500.000 Euro, and additionally project-related subsidies, sponsorship money and participant fees are gained. The funding basis is provided by fund partners, divided as shown in the following illustration.

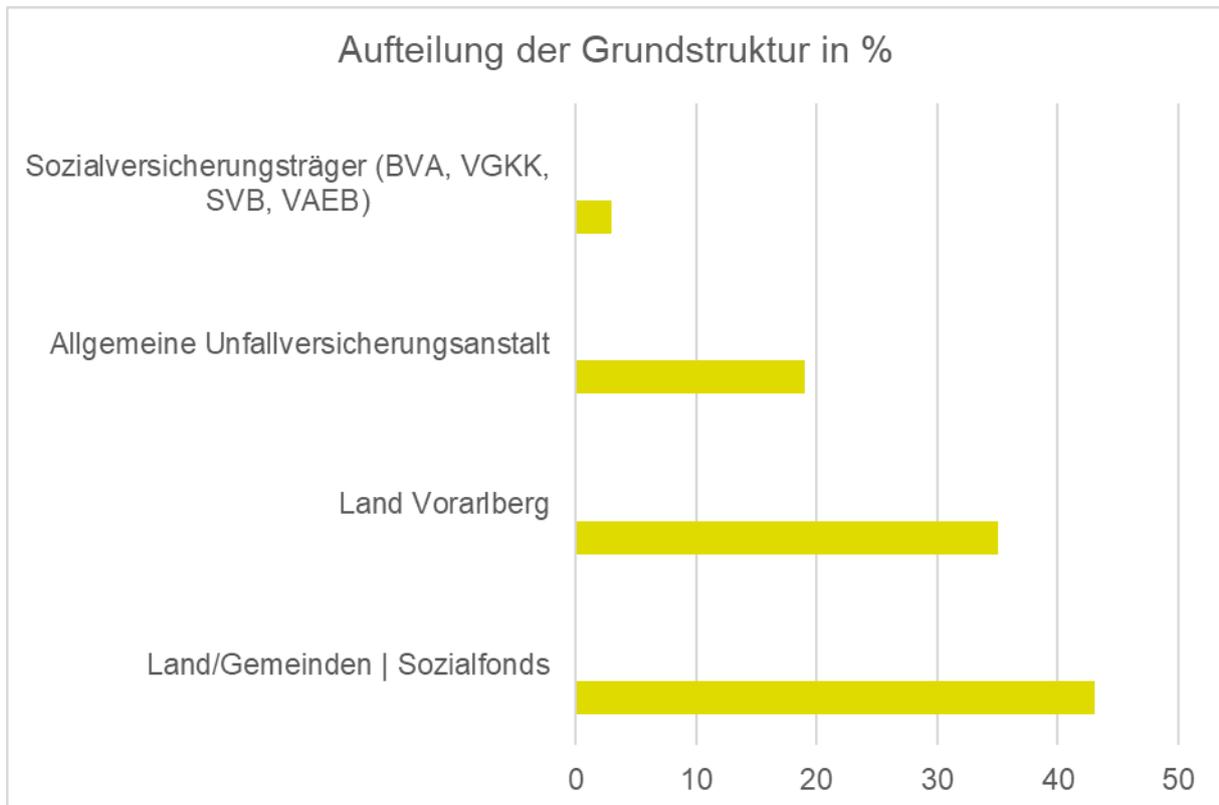


Figure: Division of the basic structure in %

Form of company and tasks

“Sicheres Vorarlberg“ acts as an independent fund and is registered under the name “Fonds Sichere Gemeinden“. It is adapted to its purpose and limited to the province of Vorarlberg. The operations of the “Fonds“ are non-profit and non-commercial.

The tasks of the “Fonds“ are particularly

- a) planning, impulse, coordination, promotion and evaluation of actions, measures and projects, partially their execution.
- b) the granting of funding and financial subsidies for actions measures and projects,
- c) drawing up guidelines for granting fundings and financial subsidies,
- d) bearing the cost of the fund organisation, as far as the work is not done on a voluntary basis or any other funding takes place,
- e) the performance, guarantee and coordination of all necessary professionally qualified and organisational support of actions, measures and projects,
- f) the cooperation with other organisations, groups and persons, insofar as their activities answer the fund’s purposes,
- g) the fund’s purposes corresponding public relations.

The operations of the “Fonds“ are non-profit and non-commercial.

The institutions of the “Fonds“ are,

- a) plenary assembly (Vollversammlung)
- b) advisory board (Kuratorium)
- c) chairperson of the advisory board (Vorsitzende des Kuratoriums),
- d) management (Geschäftsführung)
- e) subject-specific advisory boards (Fachbeiräte).

Regarding a) The plenary assembly consists of respectively two delegated persons of each entity or institution, that make an annual payment to the fund. The plenary assembly's tasks are,

- alterations of the charter,
- acceptance of the annual activity report and the balance of account,
- predetermination of the annual program,
- discussion about the budget.

One plenary assembly is held per year.

Regarding b) The advisory board consists of two delegated persons from the provincial government, one delegated person from the municipalities association Vorarlberg, one delegated person from the Allgemeinen Unfallversicherungsanstalt (AUVA). The advisory board's tasks are,

- appointment of the chairperson and its alternate member,
- approval of acceptance of a financial contribution and a representation in the advisory board,
- personnel matters,
- appointment and dismissal of the management (project management),
- decisions about procedural regulations,
- in accordance with the procedural regulations decisions about the granting of a funding,
- resolutions about the funding guideline,
- decisions about long-term commitments of the fund.

The advisory board is convened three to four times per year.

Regarding c) One member of the advisory board is elected as chairperson and works voluntary. The chairperson's tasks are,

- convening of the plenary assembly and the advisory board,
- chairmanship in the plenary assembly and the advisory board,
- and, together with the management, representation outwards.

Regarding d) The management is appointed for organizational, economical and appropriate implementation of the fund's purposes. All affairs, not assigned to other fund institutions, reside with the management, especially administration of the office and preparation and issuing of the documents needed by the fund's organs for its decisions.

The management adminstrates the operative office, which is staffed by 3,6 positions (1 management, 2 project manager, 1 accounting and office – part time).

Regarding e) For preparation and consulting of certain matters, especially consulting the management and project manager, subject-specific advisory boards are convened. These advisory boards are meeting in different compositions and consist of different experts from the respective subject-specific field e.g. mountain guides, teachers, kindergarten teachers, trainer, physicians, caregivers, etc.

Indicator 2: Long-term, sustainable programs covering genders and all ages, environments, and situations

To protect the Vorarlberg population from accidents more effectively, success is only possible with a long-term and continuous process, which includes all possible population groups and all injury relevant aspects of life. In Vorarlberg the responsible stakeholders follow the recommendations of the World Health Organisation (WHO) and implement programs for the prevention of injuries caused by accidents.

Measures for babies to elderlies and in all areas (above all in household, sports and leisure time activities) are adopted. These focal points are based on data attained by monitoring the population injury occurrences. They include current developments, meaning they also may adapt.

The above described action areas are implemented with focus on target groups and settings. Child and adolescent accident prevention starts in the home environment, during sports and

recreation, in kindergartens and at school. Accordingly, parents, educators, teachers and professionals in sports clubs are addressed as multipliers. Traffic prevention addresses all age groups, especially – due to the raised risk of injuries – children, pedestrians and cyclists. Another focus is alpine sports in all its varieties. Not least because of Vorarlberg's geographic conditions are the number of accidents and the number of fatal accidents in this area high. The importance of fall prevention increases considering the demographic development. The number of elderlies increases in Vorarlberg, as in other countries, rapidly. According to Statistik Austria the number of people in their sixties or older increases from about 76.000 in 2010 to more than 100.000 in 2030. It is important to prevent falls in old age, not just because of pain and suffering, but also because they cause high costs and quite often end in a need for care. For that reason "Sicheres Vorarlberg" focused on this target group in the last few years. Beside the already established "Im Gleichgewicht bleiben" training groups, the visiting program "OTAGO" has started, which is tested as a pilot project until 2019. Afterwards its meant to be installed as a permanent program.

1. Traffic safety

Name of the program / project	Toter Winkel (Blind Spot)
Sector and organizations involved in implementation	ÖAMTC, KfV, Fire Department, Education authority Vorarlberg
Age groups targeted by the program / project	Children, Adults
Environments covered by the program / project	Schools, Companies
Situations covered by the program / project	Pedestrians, cyclists faced with larger traffic participants



Name of the program / project	Sehen und gesehen werden (See and being seen)
Sector and organizations involved in implementation	ÖAMTC, KFV, Education authority Vorarlberg, Bus companies, Police
Age groups targeted by the program / project	Children, Adult, Elderly
Environments covered by the program / project	Schools, Companies, Associations
Situations covered by the program / project	Pedestrians, cyclists in the evening or at night
	

Name of the program / project	Rad-Helm-Spiele-Fest
Sector and organizations involved in implementation	Kindergarten inspectorate, Trained advisers
Age groups targeted by the program / project	Children (3-6 years)
Environments covered by the program / project	Kindergarten
Situations covered by the program / project	The first contact with the bicycle / scooter and helmet
	

Name of the program / project	Der Ländle Radritter
Sector and organizations involved in implementation	Education authority Vorarlberg, Trained advisers, ÖAMTC
Age groups targeted by the program / project	Children (7-10 years)
Environments covered by the program / project	School
Situations covered by the program / project	Young cyclists with often poor cycle-competencies and/or in preparation for their cycling examination
	

2. Home Safety

Name of the program / project	Smoke Alarm
Sector and organizations involved in implementation	Fire Department
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Home
Situations covered by the program / project	House fire prevention
	

Name of the program / project	Menschengerecht Bauen (barrier-free living)
Sector and organizations involved in implementation	Ifs - Residential consultation
Age groups targeted by the program / project	Adults, Elderly
Environments covered by the program / project	Home, Nursing schools
Situations covered by the program / project	Barrier-free living for people with disabilities and the elderly
	

Name of the program / project	Riesenküche (The giant kitchen)
Sector and organizations involved in implementation	Communities
Age groups targeted by the program / project	Children, Adults, Elderly
Environments covered by the program / project	Communities
Situations covered by the program / project	The perception of toddlers and children in the kitchen, to prevent burns or scalds
	

3. Leisure time

Name of the program / project	Sichere Gartenarbeit (safe garden work)
Sector and organizations involved in implementation	Agricultural Training Institute
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Garden work
Situations covered by the program / project	Tree cuttings, use of ladders
	

Name of the program / project	Heimhandwerkerkurs (Handymen class)
Sector and organizations involved in implementation	BayWa (Garden market), Carpenter
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Handymen, hobbyists
Situations covered by the program / project	Correct handling of machines and hand tools
	

4. Childrens Safety

Name of the program / project	Hunde sicher verstehen
Sector and organizations involved in implementation	Educators and dog experts
Age groups targeted by the program / project	children
Environments covered by the program / project	Kindergarten
Situations covered by the program / project	Children learn to understand, “greet” and respect dogs, and how to stay safe when a dog approaches you
	

Name of the program / project	Sicherheitsclowns
Sector and organizations involved in implementation	Clown expert, teachers
Age groups targeted by the program / project	Children
Environments covered by the program / project	Kindergarten
Situations covered by the program / project	Raising children's awareness of the dangers of accidents at home and in leisure time activities. They learn to recognize dangerous situations and to react to them properly
	

Name of the program / project	Bergführer auf Wintersportwoche
Sector and organizations involved in implementation	Mountain guides
Age groups targeted by the program / project	Children
Environments covered by the program / project	Schools in winter sports week
Situations covered by the program / project	Introduction to the basic knowledge of dangers in the alpine area in winter
	

Name of the program / project	Wandertag mit Wanderführer
Sector and organizations involved in implementation	Adventure guide / Mountain guide
Age groups targeted by the program / project	children
Environments covered by the program / project	School
Situations covered by the program / project	Introduction to the basic knowledge of dangers in the alpine area in summer
	

5. Elderly Safety

Name of the program / project	Im Gleichgewicht bleiben
Sector and organizations involved in implementation	Trained senior trainers
Age groups targeted by the program / project	Elderly 65+
Environments covered by the program / project	Different groups such as citizens' dance, Kneipp, anti-osteoporosis treatment, Red Cross and Communities.
Situations covered by the program / project	Mobility and the minimising of the risks of accidental falls
	

Name of the program / project	Mehr gesunde Lebensjahre ab 65
Sector and organizations involved in implementation	Trained lecturer
Age groups targeted by the program / project	Elderly 65+
Environments covered by the program / project	Seniors associations, nursing schools, communities
Situations covered by the program / project	Mobility and the minimising of the risks of accidental falls
	

Name of the program / project	Seniors Theater “Ein falscher Schritt“
Sector and organizations involved in implementation	Amateur theater for seniors
Age groups targeted by the program / project	Elderly 65+
Environments covered by the program / project	Seniors associations, Communities
Situations covered by the program / project	Awareness raising about of the risk of of accidental falls
	

6. Work Safety

In Austria the Employee Safety Act regulates work safety internally with companies by means of safety experts and safety officers. Smaller companies of up to 50 employees receive additional support through the General Accident Insurance Office (AUVA), for example in areas of accident prevention and health promotion.

Name of the program / project	Chainsaw introduction
Sector and organizations involved in implementation	Vorarlberg Chamber of Agriculture, Agrarian Educational Institution
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Builder's yard employees, Loggers
Situations covered by the program / project	Correct handling of forestry machines, especially chainsaws
	

Name of the program / project	Safety officer education
Sector and organizations involved in implementation	Government for labor safety
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Companies up to 50 employees
Situations covered by the program / project	General Accidents in Companies

7. Violence prevention

In Vorarlberg the prevention of violence is of primary interest not only at "Sicheres Vorarlberg", but is also a significant part of prevention work at other institutions. Joint efforts between "Sicheres Vorarlberg" and other health institutions are taken for granted when the need presents itself.

Name of the program / project	Education Events
Sector and organizations involved in implementation	Catholic Church Vorarlberg
Age groups targeted by the program / project	Children, Youth, Adults
Environments covered by the program / project	Main and honorary staff
Situations covered by the program / project	The exploration of the forms of violence and the violence spiral

8. Suicide prevention

Suicide prevention is not specifically focused on by “Sicheres Vorarlberg“, but rather a significant part of the preventative work of other institutions. Of course, there are joint efforts between “Sicheres Vorarlberg” and other health institutions if the efforts prove necessary.

Name of the program / project	Consultation
Sector and organizations involved in implementation	Aks Vorarlberg
Age groups targeted by the program / project	All Age Groups
Environments covered by the program / project	Affected
Situations covered by the program / project	Acute and long-term help

9. Disaster preparedness and response

Disaster preparedness measures are organised by the Federal Ministry of Internal Affairs, throughout Austria, and implemented by the respective province. In Vorarlberg the responsibility lies with the Landeswarnzentrale.

Name of the program / project	Different Trainings and health programs
Sector and organizations involved in implementation	Landeswarnzentrale, Hilfs- und Rettungsorganisationen
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Safety Officers and competent persons from Communities, Ski Resorts, Police...,
Situations covered by the program / project	Emergency measures plan (avalanches, flooding, law...,)

10. Safe public places

Name of the program / project	Playground seminar
Sector and organizations involved in implementation	Schloss Hofen Educational Center, Playground educators
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Employees from communities, real estate agents and social insurance agencies
Situations covered by the program / project	Issues of responsibility, installation, servicing and care of public playgrounds



11. Hospitals safety

On behalf of the Austrian Federal Health Agency, hospitals in Austria are extensively examined and a survey of their measures conducted. The high quality is secured by a set of guidelines, a specific quality strategy or a separate department, respectively a quality manager anchored in the each hospital. Examples for quality measures are surveys with patients, quality reports, handling of complaints, patient safety, and risk management.

12. Sports safety

Name of the program / project	Mountainbike instructions
Sector and organizations involved in implementation	Trained mountainbike instructor
Age groups targeted by the program / project	Children, Adults
Environments covered by the program / project	Hobby biker
Situations covered by the program / project	Enhancement of cycling skills and specific driving techniques
	

Name of the program / project	Football fairness awards
Sector and organizations involved in implementation	Referees, responsible trainers and manager
Age groups targeted by the program / project	Children, Adults
Environments covered by the program / project	Amateur and minor league matches, amateur championchips
Situations covered by the program / project	Fair play, warm up, safety equipment..,
	

Name of the program / project	Freeride safety camps
Sector and organizations involved in implementation	Mountain guides, Mountain rescue, Alpine police
Age groups targeted by the program / project	Youth, Adults
Environments covered by the program / project	Freerider
Situations covered by the program / project	Introduction to the basic knowledge of dangers in the alpine area in winter
	

Name of the program / project	Off the Beaten Slope - instructions
Sector and organizations involved in implementation	Mountain guides, Mountain rescue, Alpine police
Age groups targeted by the program / project	Youth, Adults
Environments covered by the program / project	Touring skiers
Situations covered by the program / project	Introduction to the basic knowledge of dangers in the alpine area in winter
	

Name of the program / project	LVS (Avalanche transceiver) Day
Sector and organizations involved in implementation	Mountain rescue
Age groups targeted by the program / project	All
Environments covered by the program / project	Beginners in the off-piste area
Situations covered by the program / project	Introduction to the basics with emergency equipment
	

Name of the program / project	Inline skating classes
Sector and organizations involved in implementation	Inline Skater Instructors
Age groups targeted by the program / project	Children, Youth, Adult
Environments covered by the program / project	School, Companies, Communities
Situations covered by the program / project	Introduction to the basics in technique and safety equipment
	

Name of the program / project	Climbing introduction
Sector and organizations involved in implementation	Mountain guides, Mountain rescue, Alpine police
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Beginners in the climbing area
Situations covered by the program / project	Introduction to the basics in technique and safety equipment
	

Name of the program / project	Climbing Safety Guides
Sector and organizations involved in implementation	Mountain guides
Age groups targeted by the program / project	All
Environments covered by the program / project	Beginners in climbing gyms
Situations covered by the program / project	Low-key instructions and help
	

Name of the program / project	Traversing snowfields safely
Sector and organizations involved in implementation	Mountain guide
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Mountaineers
Situations covered by the program / project	Introduction how to cross a snowfield in summer safely
	

Name of the program / project	Hiking weekend for families
Sector and organizations involved in implementation	Hiking guide
Age groups targeted by the program / project	All
Environments covered by the program / project	Familien
Situations covered by the program / project	Hiking with children
	

13. Water safety

Name of the program / project	Swimming lessons
Sector and organizations involved in implementation	Water rescue, Schwimm Federation
Age groups targeted by the program / project	Children, Adults
Environments covered by the program / project	School, Beginners
Situations covered by the program / project	Learn how to swim and basic rules for watersafety
	

Name of the program / project	Open water and biotopes
Sector and organizations involved in implementation	Landscape gardener
Age groups targeted by the program / project	Adults
Environments covered by the program / project	Communities
Situations covered by the program / project	Information and awareness-raising

14. Schools safety

The responsible authority for schools safety is in Austria the Federal Ministry of Education. For those responsible on site at schools (teachers, headmasters), trainings and training material in the form of a “crisis compass“ is provided.

Indicator 3: Programs that target high-risk groups and environments and programs that promote safety for vulnerable groups

“Sicheres Vorarlberg” and other responsible organisations, institutions and associations in Vorarlberg are having a special focus on high-risk groups. Risk groups are selected on the basis of analysis of injury incidents. Based on this data special measures for the respective risk group are developed and, in further consequence, implemented.

By age, risk groups are children up to 4 years, adolescent and elderly (starting from 65 years). But the factors for risk groups are really complex. Beside the specific age and different life phases, there are specific risks based on gender, social environment, family background, origin or education.

High-risk vulnerable groups and environments targeted	Names of program/projects	Sectors and organizations involved in implementation	Age-groups targeted by programs/projects	Environments covered by programs/projects	Situations covered by programs/projects
1. Indigenous people	Kindgerecht. Ein Kinderspiel	Hospitals, midwives	Newborns, toddlers	Parents	Information and guidebook
	OTAGO	Mobiler Hilfsdienst, OTAGO Trainer	70+	Elderly	Visiting training program
2. Socioeconomic risk groups	Parentmeetings	Netzwerk Familie	Children	Parents	Information and counselling
	Familyhiking	Jugendheim Lech Stubenbach	People of all ages	Socially disadvantaged people	Hiking and information
3. Minority groups within the community	Couch talks	Welfare department in the communities	Children	Parents	Information and counselling
	Cycling classes for women (migrants)	Welfare department in the communities	Adults	Women	Cycling classes for women
4. People at risk for intentional injuries, including victims of crime and self-harm	Education, Events	Catholic Church Vorarlberg	Children, Youth, Adults	Main and honorary staff	The exploration of the forms of violence spiral
5. Abused	Counselling for	ifs Vorarlberg	People of all	Victims of	Information,

women, men, elderly and children	violence victims	(Institut für Sozialdienste)	ages	violence and abuse	counselling and support
6. People with mental illness, mental delays or other disabilities	Training for different situation in traffic	Lebenshilfe Vorarlberg	Teenager and adults	Handicapped persons	Practical training and information
7. People participating in unsafe sports and recreation settings	Off the Beaten Slope - instructions	Alpine organisations	Teenager and adults	Touring skiers	Theory part and practical part
	Climbing introduction	Alpine organisations	Teenager and adults	Beginners in the climbing area	Theory part and practical part
8. Homeless	Cycling instructions	Refugee hostels	Teenager and adults	Refugees	Cycling training
	Swimming lessons	Refugee hostels	Teenager and adults	Refugees	Swim training
9. People at risk for injuries from natural disaster	Disaster preparedness for communities	Landeswarnzentrale Vorarlberg	All age groups	Community designee	Trainings and plans
10. People living or working near high-risk environments (for example, a particular road or intersection, a water hazard etc)	Disaster response	Landeswarnzentrale, Community designees	All age groups	Population	Information and help
11. People at risk due to religion, appearance, ethnicity or sexual preferences					
12. High-risk environments					

Indicator 4: Programms that are based on the available evidence

With few exceptions, the projects of “Sicheres Vorarlberg” are based on hard facts and evidence. Depending on the topic “Sicheres Vorarlberg” works with different partners, e.g.

Kuratorium für Verkehrssicherheit | Traffic, home, leisure time

Kuratorium für alpine Sicherheit | Alpine sports

Große Schützen Kleine Graz | Children

Robert-Bosch-Krankenhaus (GER) | Elderly

Amt für Gesundheit Brandenburg (GER) | Children, Teenager

As a rule, the programs are based on statistics. Just recently the program OTAGO was implemented. A visiting training program for elderly endangered by falls. This program has been established and tested and since 2017 it is realised in Vorarlberg too.

Indicator 5: Programs that document the frequency and causes of injuries

The frequency of injuries through accidents, their causes and alteration over time are continuously monitored in Vorarlberg / Austria. The monitoring results are prepared epidemiologically and evaluated. Since the Austrian accident occurrence is recorded by different organisations with partly varying standards, the data for establishing an injury monitoring system must be gathered from different sources, prepared and evaluated:

- The capture of data at the mountain is done by the alpine police. The alpine police provides this data to the Kuratorium für Verkehrssicherheit. Further inquiries are done by local mountain rescue units. They document their missions meticulously.
- The accident occurrence in nursery schools (second year) and schools, including the way there and back, is monitored and evaluated by the “Allgemeinen Unfallversicherungsanstalt“ (AUVA).
- Work place accidents are registered through the responsible organisations of the legal accident insurances. Regarding work accidents and accidents occurring on the commute to and from during work, accidents incurring a sick leave of more than three days or fatal accidents are documented.

- The “Österreichische Wasserrettung“ (Austrian life-guard association) continuously documents drowning accidents in Brandenburg.
- Data on victims of violent criminality is monitored through the police criminal statistik.
- Road accidents with casualties are recorded by the police with type, place and involved persons.
- In cooperation with the Kuratorium für Verkehrssicherheit (KFV), the LKH Feldkirch (since 1997) and LKH Bregenz (since 2008), established a hospital related injury registration system according to the international standard injury data base (IDB). Since, data of all injured patients and all departmental injury categories are continuously registered anonymously. The Kuratorium für Verkehrssicherheit, is responsible for data quality and -analyses and data transfer for European IDB. The results are representative for the region of Vorarlberg and also related to a illustration of all injury types (intentional and unintentional), since the two hospitals are hospitals with maximum care. These monitored data findings also allow a Vorarlberg assessment of injury occurrence, of various injury categories (domestic and recreation accidents, sport, work, and road traffic accidents, self-injury and injuries variation of the course of injury, including involved products, and an analysis of risk factors (for example alcohol related injuries) possible. Already now, this data basis is an important factor for preventing accidents through accidents and violence.
- Beside these standard inquiries targeted inquiries are realised. In cooperation with the Kuratorium für Verkehrssicherheit this is done on a regular basis for different specific topics. Normally all five hospitals are visited over a full year and patients in the emergency rooms are interviewed. The main advantage of this method is that one specific accident area can be examined thoroughly and even the exact course of events is recorded. This leads to precisely accurate analyses and in further consequences pinpoint measures. Recently the ski and snowboard inquiry in 2012 and the sports accidents inquiry in 2016/17 was done. For the sports accidents inquiry all types of sports were surveyed by a standardised IDB questionnaire. Additionally 3 types of summer sports (mountainbike, hiking and soccer) were observed more precisely with 10 deepening questions.

Indicator 6: Evaluation measures to assess their programs, processes and the effects of change

An evaluation through all prevention programs in Vorarlberg is not possible, due to the high number of involved actors. This means that every organisation evaluates its programs by themselves, although this happens often in coordination with other stakeholders.

The program's evaluation takes place on several layers and levels. On the one hand the application and implementation is evaluated, on the other hand the effectiveness and sustainability is evaluated.

Description	Who	How
Fachhochschule Vorarlberg (FHV)	Employees FHV	Inquiry and documentation
Advisory boards	External specialists	Exchange of Experience
Feedback	Multipliers	Oral, written
	End-user	Oral, written
	Trainer	Oral, written
Conferences	Experts	Best practices

Indicator 7: On-going participation in national and international Safe Communities networks

On a national and international level, stakeholders of accident prevention in Vorarlberg maintain a close exchange of experiences with other organisations and associations, and with members of the Safe Community network.

- On a national level, there is an exchange with GROSSE SCHÜTZEN KLEINE Styria on a regular basis. It is certified as an Affiliate Safe Community Support Centre since 2011. Further "Sicheres Vorarlberg" is in contact with other institutions like the Kuratorium für Verkehrssicherheit or the Kuratorium für alpine Sicherheit regularly.
- Regarding traffic education "Sicheres Vorarlberg" is member of the Verkehrserziehungsbeirat. An institution convened by the federal government of Vorarlberg several times a year, where the strategy for road safety education in Vorarlberg is discussed.
- On an international level, there is an exchange with the federal state health office in Brandenburg on a regular basis. Brandenburg was certified as Safe Region Brandenburg in 2009 and recertified 2015.

- An important partner is the Beratungsstelle für Unfallverhütung (bfu) in Switzerland. The geographic vicinity and comparable living conditions make a regular exchange especially important.
- Regarding sports safety “Sicheres Vorarlberg” is part of the network “D-A-CH Sport“. It consists of members from Germany, Austria and Switzerland and meets annually.
- Regarding child safety “Sicheres Vorarlberg” is part of the network “D-A-CH Kindersicherheit“. It consists as well of members from Germany, Austria and Switzerland and meets annually at different locations.
- Regarding occupational safety “Sicheres Vorarlberg” is in a regular exchange with the Allgemeinen Unfallversicherung (AUVA), which is legally responsible for this part of safety in Austria.
- Beyond that, “Sicheres Vorarlberg’s” employees are visiting international conventions and congresses to different topics every year.