Smart City Hub Switzerland

The association for Swiss Smart Cities

Smart City stands for a holistic, forward-looking development concept that aims to make our cities more efficient, technologically advanced, greener and socially more socially inclusive. Various cities in Switzerland are currently developing strategies and implementing projects in cooperation with other partners.

Smart City Hub Switzerland promotes cooperation and knowledge sharing among Swiss cities and other important partners. The association serves as a facilitator for collaboration on topics and projects of common interest in the field of Smart City.

It is the declared aim of the association to enhance cooperation and the exchange of knowledge in the field of Smart City between cities and their businesses, nationwide service providers as well as federal agencies and research. It encourages its members to take advantage of synergies and to share knowledge and skills. Its main task to support the implementation of projects in order to save time and costs. Further activities of the association include the promotion of dialogue and cooperation, the development of innovative and citizen- resp. customer-oriented solutions as well as the exploitation of economies of scale.

The association was founded in 2018. The association is based in Berne; its office is located near Basel.

For further information on membership, ongoing projects, benefits and articles, in German and French, please refer to:

Smart City Hub Switzerland
CH–3000 Bern

+41 79 673 11 26

info@smartcityhub.ch
www.smartcityhub.ch

smart city hub

Smart City Hub Switzerland
CH–3000 Bern

+41 79 673 11 26

info@smartcityhub.ch
www.smartcityhub.ch

Titelbild: Bern Welcome

Design: www.smiroka.ch

smart city hub

Fact Sheet

City of Bern

Stadt Bern

City of Bern

Bern is the capital city of Switzerland and the political centre of the country. The parliament building, the panoramic view on the Alps and of course, the Aare River, which winds around three sides of the city, are just some of the city's signature features.

Bern is known for being slowed down. However, it is a vibrant city. From multifarious culture offers and sightseeing tours to sports and leisure activities – there are many things to discover.

On the one hand, there is the Old Town of Bern, an UNESCO World Heritage Site since 1983. The alleys and six kilometres of arcades («Lauben») form one of the longest covered shopping promenades of Europe. On the other hand, Bern's theatres, museums and open-air festival give variety to the city.

The City of Bern has an extensive public transport network with different tram and bus lines. It is easy to get around, even by foot.

Public infrastructure, such as waste disposal management and green space planning, is excellent. According to a study, Bern is one of the healthiest capital cities in Europe. The city has the highest quality of life and the best quality of air.

Bern is home to more than 140'000 residents – and rising. 97 percent of the population loves to live in its city. Thanks to modern technology and a sustainable urban development, the City of Bern is going to be even more livable.

The city administration consists of five departments, each of which is led by a member of the city council.

Basic facts

Canton	Bern
Spoken language	German
Inhabitants	142'493 (as of 31 December 2018)
Development	growing (expected 160'000 by 2050)
SC Strategy	www.bern.ch/themen/stadt-recht-und-politik/digital-stadt-bern/digitalstrategie
Organisational approach for SC Initiatives	• Konferenz Digital Stadt Bern (KDSB): interdepartmental steering committee for Smart City topics • Fachstelle Digitale Entwicklung: team within the city administration
Digital Infrastructure and Layer	• City-wide FTTH network in development • 4G infrastructure

Specific projects

BärnBoost: To increase participation and engagement in Bern's quarters, residents can start social events via a web-based platform and ask fellow citizens for support. *Status: prove of concept, Partner: T-Systems*

base4kids: In order to continue to offer Bern's schools the required, up-to-date learning environment, city administration is renewing its school informatics. *Status: in implementation*

Bikesharing: A total of 1'600 bicycles and e-bikes can be rented from 170 stations all over the city. Furthermore, carvelo2go provides cargo bicycles at around 20 locations. *Status: in use, Partner: PubliBike, Smide, carvelo2go*

Bildungsplattform: A new educational platform is being developed to encourage employees to learn independently and to become fit for digital change. *Status: MVP tested in 2019, follow-up project in development*

E-Bern: Digital access to urban services is being expanded. Citizens and businesses should be able to submit their requests simply, respecting accessibility and data security.
Status: development in continuous progress

Einsatzfahrten-Analyse: The city fire department developed a new software to analyse their operations, to plan and optimize their routes. For this purpose, the fire trucks are each equipped with a tablet that records their tours. *Status: in use*

Geografisches Informationssystem (GIS-Bern): The office of Geoinformation Stadt Bern collects and records all spatial data of the city of Bern in a geoportal. Companies and private individuals can search and collect different types of data, e.g. addresses or locations, and use it for research or innovations. *Status: in use*

Grünflächenmanagement: With the public urban green space management system, over 800 public parks and green areas of the city, including playgrounds and trees on public land, are efficiently managed. Furthermore, the application provides the basis for decisions regarding urban development. *Status: in use*

KU:BE: A mobile guidance and information system enables blind and visually impaired people to experience art and culture in public space. *Status: prove of concept, Partner: BERNMOBIL, BLS, ewb*

Matte-Schnägg
A self-driving minibus is operating between BärenPark and the lower terminal of the Marzilibahn. *Status: prototype in use, Partner: BERNMOBIL, ewb, Migros Aare*

Research Activities

As part of an ideation journey, employees were asked to come up with proposals how to improve urban areas. Citizens elaborated these ideas, and city administration then developed these in co-creation with its participating partners BERNMOBIL, BLS and ewb.
In addition, city administration publishes open government data in order for innovative companies and private individuals to develop new public services for the greater good. More information: www.bern.ch/ogd.

Specific City Excellency

The city of Bern acts sustainably, innovatively and exemplarily in the field of energy. In 2019, it was certified with the European Energy Award Gold – a quality label awarded as part of a cross-border European initiative in which the Association Energiestadt checks and confirms the quality label every four years. The Energiestadt-approach covers a wide range of fields, including awareness-raising campaigns, energy supply and waste disposal.

Ongoing Partnerships

• Bernmobil
• BLS
• ewb
• E-Government Schweiz
• Smart City Hub Switzerland
• Haupstadtregion Smart Capital Region
• Schweizerischer Städteverband
• SIK Schweizerische Informatikkonferenz

Sources

» www.bern.ch
» www.bern.ch/digital
» www.twitter.com/bern_stadt
» www.instagram.com/stadtbern
» www.youtube.com/StadtBernSchweiz

Local Contact

Stadt Bern / Präsidialdirektion / Abteilung Personal, Finanzen & Digitale Entwicklung
Sabina Steiner, Bereichsleiterin Fachstelle Digitale Entwicklung
Mail : sabina.steiner@bern.ch, Tel : +41 31 321 72 91