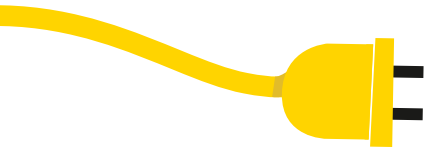


SMART. SIMPLE.

An easy guide to our way into the future.



Dear Readers,

Do you know the City of Vienna's Smart City strategy? Do you know what a 'smart' city looks like?

Let me give you an idea. Vienna is a city that certainly offers extraordinarily high quality of life as numerous studies tell us – as much as I know from my own personal life: it's simply good to live in Vienna!

The future is not a done deal, however: things may not stay this way forever. There are too many challenges facing us, the most urgent of which is probably climate change. If our children are to enjoy their lives in Vienna as we do, we must treat our natural resources with much more care than we realized just a few years ago. Economic development, new technologies (like digitalization), migration and diversity

are further aspects of city life that affect each other and are permanently calling for new solutions. We'll have to be smart about that!

The projects and activities will speak for themselves. Find some examples for what Vienna considers 'smart' ideas on these pages. Simple, really!

Enjoy reading all about it!

Your Mayor
Michael Ludwig



No Turning Back: Climate Change is **Real**

There is a significant date each year that gets no more than a small mention in the media. In 2018, it was the first of August. This is the day on which humanity has used up all the raw materials earth is able to renew within a full year. We are producing more pollutants that the oceans and forests are able to degrade, cutting more wood than can grow back, and so on. Everyone knows by now that we are living far beyond our means. It is shocking, though, that this date has moved forward from November to mid-summer in under two decades.

The 'ecological footprint' of the human population keeps growing. It is also becoming more noticeable. In the 1970s, when the first warnings were voiced that we were passing the 'limits of growth,' the forecasts might have been dramatic but concerned a far-away future. By now, climate change has caught up with us: 17 of the 18 hottest years since the start of measurements have occurred since 2000. The summer of 2018 witnessed dramatic heat-induced shortfalls in the corn yield in countries as far apart as Sweden and

There's **Hope** in Smart Cities

Cities have always, however, also been the driving forces behind change and innovation. Our future life designs are made in urban spaces! **Across the world, more and more cities, from Chicago to Singapore, are taking responsibility and creating strategies for sustainable development.**

El Salvador. Nuclear reactors in Europe had to be shut down because the river water that is used for cooling was too warm. Forest fires and heat fatalities increased from California to Japan.

Cities, like Vienna, are particularly affected by this development. People live in close proximity. Residential, work and leisure uses share close quarters. Energy consumption and the emission of damaging greenhouse gases like carbon dioxide are concentrated in cities. Urban spaces suffer the greater consequences of global warming and resource scarcity that will seriously affect people's future life.

We need to face these challenges head-on.



Annual average temperatures in Vienna (1775–2017), source: Ed Hawkins zamg.ac.at/histalp/dataset/station/csv.php

The Viennese Vision

Smart City Wien is the vision of a city that will continue to offer high quality of life, not by taxing the environment but by respecting it!

To achieve this, we need to make a lot of changes. These include new means of transport that give less precedence to the private car and leave more space on the streets for people to spend time and relax; new buildings with other methods of heating and cooling; new models of sharing and communal use, repairing, reusing and so on.

Vienna has developed a comprehensive strategy in order to get there. The Smart City Wien framework strategy builds on three fundamental elements:

First and foremost, Smart City Wien stands for demanding a responsible approach to natural resources. In order to drastically reduce carbon dioxide emissions by 2050, politics and administration have pledged to follow ambitious goals in core areas that include energy supply, traffic policy and the renovation of existing buildings.

Protecting our resources doesn't have to mean abstinence – quite the opposite! As a Smart City, Vienna will offer high quality of life to all its people, regardless of their income or background.

In order to achieve these goals, we have one important lever: the development of new, creative solutions. Smart City Wien foos on excellent research and bright sparks. The relevance of digital technologies is sure to continue its growth in the coming years.

Smart City Needs Everyone

We have established a number of goals for all affected fields, from energy and mobility to education and research, in order to achieve these ambitious aims. These will be implemented in stages to be completed by 2030 or 2050. A monitoring process will oversee and regularly examine progress.

The projects presented here show that the Smart City Wien vision has already manifested itself in many aspects of our lives.

Smart City Wien is much more than a political agenda with items to be ticked off. How are we to know exactly what will be needed in one, two or three decades from now? For Smart City Wien to be a success, we need to smarten up beyond politics and administration. A city that wants to develop responsibly and be attractive for future generations, that wants to find new residential and work designs, new forms of leisure and cooperation, needs one simple ingredient: its people. **Vienna has close to two million brains. Let's use them!**



14 Examples



Delivering the goods: the Grätzlfahrrad bike scheme.



PAGE **10**



Crossing on demand.

PAGE **12**

Creativity in public space.



PAGE **24**

PAGE **26**

Innovative energy systems lab.



Think tank on green logistics



PAGE **28**

E-Car-Sharing.



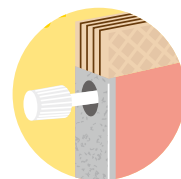
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Integrated renovation.

PAGE **16**

Baking hot: local energy supply.



PAGE **18**



Seismic sensors to find hot water.

PAGE **30**



PAGE **32**

Energy from clearing sludge.



PAGE **20**

Any questions? Ask the WienBot!



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PAGE **34**

Co-owning a solar power station.

Age support assistance systems.



PAGE **36**

One space for nursery, school and leisure time.

Smart.

Delivering the Goods: the Grätzlfahrrad Bike Scheme.



Gerald Franz
Mobility expert &
cycling enthusiast

'I regularly use the Grätzlräder local bike scheme for larger shopping trips. I just check availability online, place

my reservation and am off to get the cargo bike plus lock and key. There's plenty of room in the bike's cargo box. That's how I get my shopping done and stay fit and on the move at the same time.'

Grätzlräder are cargo bikes that are owned by restaurants, shops and companies who lend them to the Viennese population free of charge. The project was part-financed from the City of Vienna cargo bike funding scheme.

The Grätzlräder bikes let you take care of larger deliveries by bike rather than by car. The cargo bikes can be borrowed for up to 24 hours or over the weekend from fourteen different locations in Vienna. It's free of charge: you just leave a deposit and an ID. There's a range of models available, including bikes with seats and seat belts for children. The local cargo bikes are very popular in Vienna and are in steady demand.

FACTS

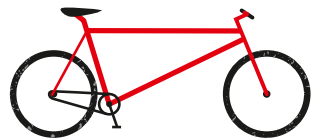
1. Grätzlfahrrad cargo bikes can be borrowed from 14 different locations.
2. Cargo bikes are suitable for transporting up to 350 kg – depending on the model of the bike.
3. The Viennese Citybike system for public bicycle-sharing has been available for inner-city routes for fifteen years, with over 120 hubs installed by now. Over a million trips are completed by rental bikes per year.

Bike lanes in Vienna: total length



1,174 km
2010

+ 28%



1,346 km
2016

Simple.

We deliver Vienna.



60% — 73% —> **85%**
 1993 2017 2030 goal



Journeys covered by eco-friendly forms of transport in Vienna (on foot, by bike or public transport)



Harald Bekehrti
 Head of MA 33 – Public Lighting

'The University of Technology (TU) in Graz and Vienna's municipal department MA 33 have developed a traffic light system that recognizes persons as well as whether they are planning to cross the street. The new equipment is going to

prevent unnecessary waiting times and thereby improve the experience of walking in the city. We want greater intelligence and flexibility for the entire traffic signal system. Networked traffic lights allow us to react to the actual traffic situation and improve traffic flow. Traffic jams are resolved more quickly and emissions reduced. The information is passed on to GPS systems so that they can adjust driving speed recommendations and facilitate using green waves. We are also collaborating with Zentralanstalt für Meteorologie und Geodynamik (ZAMG), the meteorological institute, in order to equip Vienna's traffic lights with weather and environmental data sensors. That will help us find out about heat islands, for example. They will measure temperature, humidity and even nitric oxide, sulphur oxide and noise pollution.'

FACTS

1. Traffic in Vienna is regulated by approximately 1,300 traffic signal systems.
2. All Viennese traffic signal systems are illuminated using energy-efficient LED technology.
3. All Viennese traffic signal systems are being equipped with a total of approx. ten thousand weather and environmental sensors.
4. Vienna's traffic lights have featured same sex and mixed sex couples as well as the traditional red and green man since the city hosted the Eurovision Song Contest in 2015.

www.smartcity.wien.gv.at/site/en/smart-traffic-lights

Crossing
 on Demand.
Smart.

Simple.
 We're on the lookout.





Daniela S. Fiedler
wohnbund.consult

'The BWSG residential complex in Hauffgasse is one of the locations offering the new E-mobility scheme. The residents have access to one BMW i3, one Renault Zoe as well as a Nissan Evalia for when they have that bit more to transport. Customer card

registration is easy and the scheme is in regular use. If you choose to join as an active customer, you pay half price and commit yourself to contributing to the scheme (washing the cars, maintenance, offering advice to interested parties).'

Smarter Together is a city renewal initiative that is being implemented in three cities (Vienna, Lyon and Munich) with EU funding support. It is their goal to design an innovative, liveable and environmentally friendly future Vienna together with the locals. They focus on refurbishment, energy, mobility and logistics as well as information and communication technology. A number of participation and information schemes are put in place in order to involve the local population in addressing these topics. When residential complexes are renovated, they are equipped with E-mobility concepts: the local availability of integrated EV solutions and sharing schemes (e-bikes, e-cars, e-vans) is ensured by Wiener Linien, the non-profit property developer BWSG and other partners.

100,000 car sharers
in Vienna

7,000 t. annual carbon dioxide
emission reduction
thanks to car sharing

www.smartertogether.at

FACTS

1. The Hauffgasse pilot scheme has three electric cars that travel between 3,000 and 6,000 kilometres per month. 14 of the 80 registered users help servicing, cleaning and maintaining the cars.
2. Only 1,532 of the currently over 700,000 private cars in Vienna are EVs. The 2050 goal is to switch all motorized individual traffic within the city limits to new motor technologies.
3. The City will establish a comprehensive network of E-chargers by 2020. This includes 1,000 charging stations for E-cars.

Smart.
E-Car-Sharing.

Simple.
We like to share.



Smart.

Integrated Renovation.

www.wohnfonds.wien.at

'Thewosan is the name of the City of Vienna's funding scheme for integrated thermal energy renovations of residential buildings. The entire outside of the building is refurbished and innovative heating technology implemented. The City of Vienna relies heavily on the use of photovoltaics and solar thermal energy. This reduces heating demands and

use of fossil fuels without reducing comfort. Carbon dioxide emissions from the building are thereby reduced in the long run. At the same time, the measures effect a rise in the apartments' market value. Apply to wohnfonds_wien for Thewosan funding.'



Werner Auer
Head of Refurbishment
wohnfonds_wien

FACTS

1. A total of over 300,000 residential units have been refurbished since 1984. This has reduced carbon dioxide emissions by over 350,000 tons per year.
2. Refurbishment involves the reduction of a residential building's heating demand by about 70%.
3. Energy consumption for heating, air conditioning and warm water in Vienna was reduced by about 20% between 2010 and 2015.

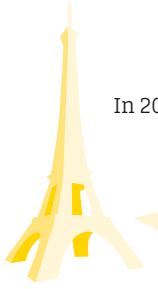
Distribution of energy sources for heating, warm water and air conditioning (2015)

41%	gas
39%	district heating
10%	electrical energy
6%	renewable energy sources
4%	oil

Simple.

We wrap up warm.





In 2018, Vienna's district heating network stretched out to 1,200 km. That's the distance from Vienna to Paris

1,200 km



Smart.

Baking Hot: Local Energy Supply.



Christian Frömmel
Head of Facility and Energy Management, Manner

'We are investing a total of 40 million Euros into expanding and modernizing the Manner wafers headquarters in the seventeenth district of Vienna. The floor area has been increased by a third, production has gone up and we have made energy use more efficient in collaboration

with Wien Energie. We use the hot air from the baking process. It's collected in pipes and delivered by ventilators to the roof, where a recuperator turns the hot air into hot water. Excess heat is fed directly into the local district heating network with a power of 1 megawatt, supplying clean energy for heating and hot water to 600 households in our immediate

FACTS

1. About a third of all Viennese households (380,000 homes) are supplied with district heating.
2. 1.5 million tons of carbon dioxide emissions are avoided per year thanks to district heating in Vienna.
3. The first City of Vienna district heating pipes were laid in 1970, connecting waste incineration plant Spittelau and the general hospital AKH Wien.

neighbourhood. In addition, excess industrial heat is transformed for cooling purposes in the production of Manner wafers. That makes us more than a sweets producer of global standing: we are also an innovative energy producer.'

Simple.

We heat with chocolate.



Smart.

Energy from Clearing Sludge.

'Energy efficiency and the production of ecologically sound energy are significant goals of Vienna's main sewage treatment plant, which is run by ebswien. The project Energie-Optimierung Schlammbehandlung (E_OS) aims to establish the best possible exploitation of the energy contained in clearing sludge. The sludge that emerges as 'waste product' during the treatment of waste water is thickened and heated to 38 degrees Celsius. It is then pumped into a total of six septic tanks, each of which is 35 meters high. Sewage gas develops in these air tight containers – altogether 75,000 cubic metres. Two thirds of this gas is energy-rich methane. Co-generation plants turn the sewage gas into electricity and heat. The E_OS project reduces carbon dioxide emissions by 40,000 tons per year. From 2020, ebswien will be fully energy self-sufficient: this is an important contribution to Vienna's climate protection goals.'



Miklos Papp
Project Manager, ebswien

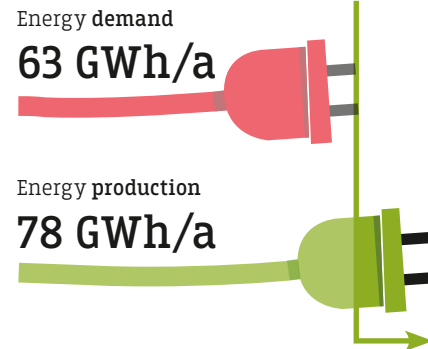
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www.ebswien.at/en/wastewater/start

FACTS

1. E_OS reduces carbon dioxide by about 40,000 tons per year. From 2020, the main sewage treatment plant will produce 15 GWh of electricity and 42 GWh of heat in excess of its own consumption.
2. The Wien Energie waste incineration plants recycle about 900,000 tons of rubbish, hazardous refuse and clearing sludge per year. The co-generated heating energy (about 1.5 million MWh per year) is fed into the district heating network throughout the year.
3. Water consumption in Vienna has been receding since 1970. It is now 25% lower, despite population growth.

Energy footprint of Vienna's main sewage treatment plant 2020 forecast (following E_OS implementation)



Energy self-sufficiency by 2020

Simple.

We turn your business into electricity.



Smart.

Any Questions? Ask WienBot!



Carmen Fritz
Content Strategist,
City of Vienna

'Whether you need to find out about local administration, registration, parking, swimming pools, ticket prices, opening times or events: WienBot gives quick and easy access to all the

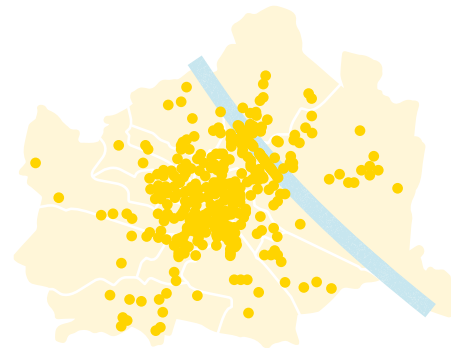
information you need. It will show you the nearest drinking fountain or refuse collection point on the map, tell you when your next underground train is due to leave and the fastest route to the Wiener Prater. It's incredibly handy, especially when you're out and about, as the app is easy to use by speech command or text message. WienBot even understands a joke: send a certain emoji and we'll provide information on poop bags for dogs.'

WienBot is a digital assistant that follows the great trends of modern technology. Providing automated answers to frequent requests makes for a fast and simple service. WienBot answers questions on frequently accessed information on the City of Vienna website: simple, brief and direct. The WienBot app has been available free of charge since December 2017 and can be downloaded from app stores (Android and iOS).

www.smartcity.wien.gv.at/site/en/wienbot

FACTS

1. Nine months after its launch in December 2017 the WienBot app had already been installed 15,000 times.
2. WienBot answers about 200 questions per day, covering any one of over 400 City of Vienna topics. Frequent requests include information on parking, public transport, events and the weather. If you prefer a chat, use the WienBot speech function.
3. Over 280 apps, websites, creative designs and more by local citizens and private businesses use City of Vienna open government data.



Did you know that the City of Vienna has more than **430 hotspots** providing comprehensive public WiFi access free of charge?

Simple.

We tell you lido opening hours.
And much more.



Smart.

Creativity in Public Space.



Lorenz Prommegger
Initiator of the neighbourhood initiative 'Langer Tisch Hirschengasse'

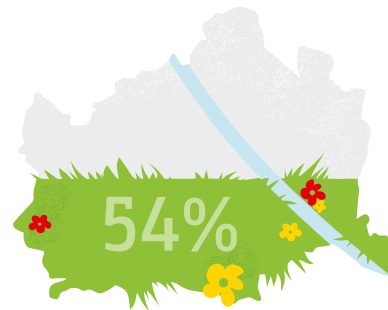
'Who are my neighbours? We wanted to find out and that's how we came up with the idea of a long table on Hirschengasse. The entire street is blocked off for one

evening and turned into a long dining table. All local residents are invited to attend a communal open air dinner in order to get to know each other and use the public space as their home away from home. It's a simple system: everyone takes a chair and something to eat and drink (we're particularly keen on home-made contributions!). It's a joy – we use public space and strengthen neighbourhood community at the same time.'

Colourful local havens, Grätzloasen, bring life to areas that had previously neglected community activities. Parking spaces are turned into neighbourhood gardens and hangouts, a street into the city's longest dining table. Anyone with a creative idea for implementation in public space can apply to graetzloase.at. Projects that are approved are given financial or administrative support.

FACTS

1. Over 140 Grätzloase projects have created local havens throughout Vienna since 2015.
2. More than 700 activities in total were staged in Grätzloasen in 2016 and 2017. These include parties, workshops, sports events, communal dining and many more.
3. The 'wiener spiel!straße' project erects temporary blocks to make a street available to children for safe play and to facilitate community contact. About 60 events take place per year; they can be initiated by local residents and associations.



54% of the area of Vienna is **green space**.
(Data: 2016, agricultural fields not included)

Simple.

We create a haven in our neighbourhood.



Smart.

Efficient and Climate Friendly Energy Systems.

ASCR (Aspern Smart City Research) is a research association in Seestadt that was established in 2013 and joins forces from the Vienna city administration, the technology sector, energy as well as a network operator. ASCR conducts its research in order to develop efficient and climate friendly energy systems by using real time data from buildings, energy supply systems as well as household data from Seestadt residents who have signed up for the research project. This provides an insight that serves as a basis for developing technological solutions to improve energy efficiency. Examples include intelligent electricity networks, weather-dependent building regulation and a mobile phone app to control energy consumption. ASCR looks beyond the individual buildings and their users in order to improve the whole system by way of innovative gateways to the supply network and the energy market.

'Participating in the ASCR research project means that I can test new technologies ahead of their public availability. For example, I can use an app to automatically switch my heating and sockets on or off.

I also have clear control of my energy consumption: I see which energy sources I am using for what and can therefore find the ideal electricity tariff for my individual profile. In the long run, that means that I reduce my energy consumption and save money.'



Thomas Keil
Project participant

1,500,000

items of data are collected every day at Seestadt Aspern and intelligently linked.

FACTS

1. 111 households take part in the ASCR research program. They agreed to provide their energy consumption and home data (electricity, hot water, cold water, room temperature, indoor air quality, etc.) for research purposes.
2. Seestadt is a laboratory for the future of urban life, spanning from mobility systems and energy consumption to construction methods.
3. Seestadt boasts the highest wooden skyscraper in the world: HoHo. Compared to buildings erected using conventional construction methods, carbon dioxide emissions are about 2,800 tons lower.

www.ascr.at

Simple.

We take a closer look.

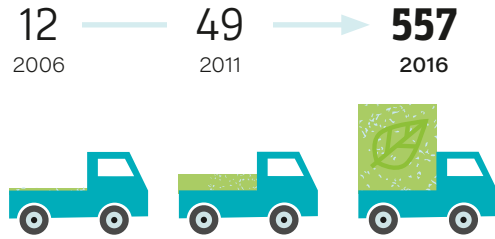


'thinkport Vienna is a think tank as well as a public mobility lab run by Vienna's University of Natural Resources and Life Sciences (BOKU Wien) and Hafen Wien. It addresses the challenges of goods logistics in urban agglomerations. Hafen Wien's huge area serves as real terms test environment. Together with partners from research, business and the city administration, we want to test and implement new technologies, services and processes as pilot projects in the harbour of Vienna as well as the city itself. Logistics hubs will facilitate the switch to alternative vehicle technologies, for example. Instead of every delivery service driving to each front door by lorry, a range of services can jointly deliver their goods to hubs (these can be located in parcel



Martin Posset
thinkport VIENNA

rooms or even empty ground floor facilities). Onward delivery will use climate-friendly vehicles. We aim to find a more efficient and ecologically sound design for the transportation of goods within a city wishing to retain its high quality of life.'



Number of **alternative drive** lorries registered in Vienna (electric, hybrid and fuel cell drive)

FACTS

1. About 120,000 parcel deliveries are now made in Vienna every day. We need more smart delivery solutions.
2. Austrians like to buy books and electronic goods or computers online. Food is rarely bought online, the e-commerce share in this sector is only approx. 2%. A significant increase is apparent.
3. Lorry traffic is responsible for about 44% of traffic emissions in Austria. Our aim for 2030 is mostly carbon dioxide emission free transport for all goods delivered from and to addresses within the city limits.

www.smartcity.wien.gv.at/site/en/thinkport-vienna

Think tank on green logistics.
Smart.

Simple.

We test new ways.

Smart.

Seismic Sensors to Find Hot Water



Peter Keglovic
Project Manager, Wien Energie

'It is very probable that the lower strata underneath the eastern parts of Vienna hold large amounts of hot water. These could be used for (geothermal) heating. GeoTief Wien is monitoring for hot water underground. Impulse vehicles ('vibro trucks') emit vibrations underground. These are reflected in the different strata underneath and registered by

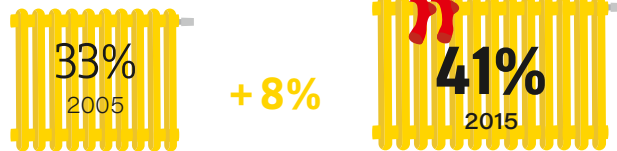
- ### FACTS
1. GeoTief Vienna takes measurements in an area of approx. 170 km²
 2. The first measurement in 2017 used 'vibro trucks' that took 1,600 individual measurements in 24 days. They used 2,600 'geo-phones' in order to collect 1.2 terabyte of data.
 3. Building on that, autumn and winter 2018 will see a comprehensive survey conducted across the entire area in order to establish a detailed three-dimensional picture of the underground structure.

special, highly sensitive and interlinked sensors. This survey gives us an image of the underground structures and allows us to see where there is hot water – and how much. Geothermal energy could reduce the City of Vienna's dependence on fossil fuels and increase supply security.'

Hot water at a depth of

3,000 m

Rise in the **share of district heating** in the overall energy supply mix for home heating, warm water and air conditioning:

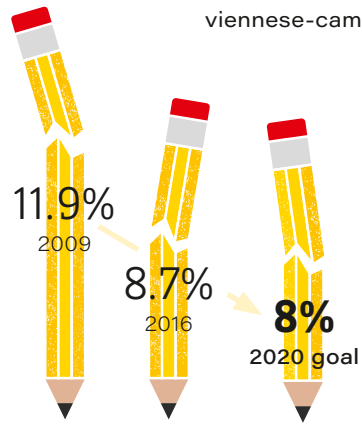


Simple.

We hear the heat.



www.smartcity.wien.gv.at/site/en/viennese-campus-model



Share of early school leavers (persons aged between 18 and 24 with only minimum compulsory education)



Astrid Pany
Head of school,
Campus Donauefeld

'The school day follows a rhythm of alternate learning times and play times that permit phases of concentration and work as well as those of

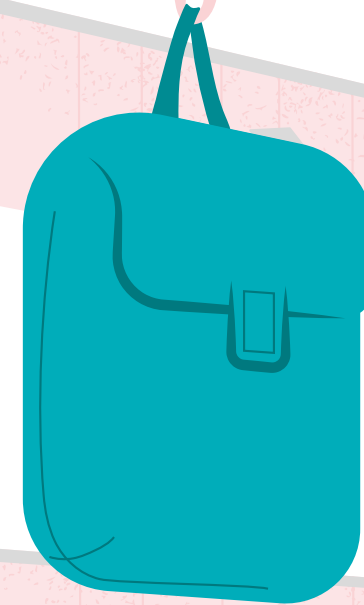
relaxation and creativity. There is time for reflection, movement, chatting, a communal meal and individual support. Open education means that the rooms and spaces of the building are available to all. Joint projects make it possible to learn together and from each other. The campus is designed to be a 'home' for the children, so there are comfy relaxation zones and corners for individual alone time. These areas are also useful in the context of modern teaching styles and our work with small groups.'

FACTS

1. Vienna now has six educational campus locations. Another eight will be added by 2023.
2. Heat recuperation at the campus in Seestadt Aspern saves 195 MWh/year (that is a financial saving of approx. 10,000 Euros per year)

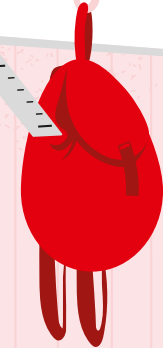
One Space for Nursery, School and Leisure Time. **Smart.**

There are many advantages to the notion of an educational campus where children aged between 0 and 10 years spend their day together. It enables a new form of daycare, where lessons and play times are interspersed throughout the day and synergies are tapped. At the same time, it also makes sustainable energy management possible. Bildungscampus Seestadt, for example, uses only renewable energies and is largely supply autonomous. The building covers its own energy demand primarily by using photovoltaics, as well as ground source heat exchangers with heat pumps: during the winter, the ground source heat exchangers take the warmth for heating from the ground. In the summer, excess heat can be fed back into the exchanger pipes. That creates a heat reservoir for all seasons.



Simple.

We learn together.





Matthias Watzak-Helmer
Participant in a
citizens' power station

'Every person resident in Austria can acquire a share in a power station for renewable energy (one photovoltaics panel at a solar power station, for example) by using the 'sale and lease back' participation scheme. Wien Energie will lease this share or panel back

and the citizens have an annual credit paid directly into their account. Wien Energie erects, plans and runs the power station, feeds the green power into the net and is liable for all expenditures as well as the economic risk. The owners can return the panel in exchange for the full price of purchase at any time.'

Wien Energie will increase the share of renewable electricity production to over 35% by 2030. Ecologically sound electricity is produced close to the customer so that transmission loss is minimized and energy import dependence reduced. Citizens' power stations are a sign of the city's clear commitment to produce electricity from renewable energy sources.

Energy produced from
renewable energy sources
in Vienna per year



1,135 GWh/a
2005

+23%



1,399 GWh/a
2015

FACTS

1. 32 citizens' power stations have already opened (28 solar power stations and 4 wind turbines). Over 10,000 people participate in these power stations.
2. The citizens' power stations of Wien Energie have garnered a total of over 60,000 MWh of green electricity since their launch. That means that they have reduced carbon dioxide emissions by over 17,000 tons.
3. The citizens' solar power stations alone cover an area larger than 19 football fields.

[www.smartcity.wien.gv.at/site/en/
citizens-solar-power-plants](http://www.smartcity.wien.gv.at/site/en/citizens-solar-power-plants)

Smart.
Co-Ownning a
Solar Power Station.

Simple.
We make money
from sunshine.





Susanne Biri
WAALTeR user

'I belong to a generation who grew up without mobile phones, the internet and tablets. Learning about project WAALTeR got me interested. As soon as I had attended the first information event, I knew that I wanted to join this project. Participating

in this scheme is increasing my digital abilities and reducing some of the insecurities I have using a tablet. I am a very active person myself (I volunteer as a carer in the City of Vienna contact visitor service for seniors, for example), and I think it is important to become more familiar with these technologies so that I will be able to handle them when I am older. I use my tablet very regularly, and like reading the daily papers and accessing the events calendar. The route finder is very useful; it has added events notices. The size of the symbols and the easy navigation make it easy to use. It's a fun, low-pressure way to becoming more comfortable with using these technologies. Using a smart watch and telemedicine are certainly means of supporting an independent and autonomous experience of older age.'

The research project WAALTeR (Wiener Active and Assisted Living Testregion) looks into ways of exploiting the growing digitalization of every day life for seniors. New technologies and services are employed to keep older people in touch with their community and to extend the time the elderly can remain in their habitual environment and enjoy an autonomous life. Health care, safety and mobility support serve to maintain a high quality of life for seniors. First responses from over eighty Viennese trial households have shown that seniors have a keen interest in the new digital possibilities and gain a lot of value from them in their everyday lives.

FACTS

1. More than eighty households in Vienna are involved in an 18-month trial of the WAALTeR tablet and the Smart Watch with emergency button.
2. 78% of Austrians aged between 60 and 69 years use the internet. Only 38% of the over-70s do so. Public initiatives are needed in order to include older people in an increasingly digitized world.

www.smartcity.wien.gv.at/site/en/waalteR-2

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