

Bundesgartenschau Mannheim 2023



**Press kit for the opening press conference
on 30.03.2023**

Fresh air corridor with stopover BUGA 23

The Spinelli US barracks site will become a leisure and recreation area, but before that the area will be the stage for the 2023 Federal Garden Show in Mannheim.

Leisure and recreation area for Mannheim

BUGA 23 in Mannheim begins on 14 April 2023. In addition to the modernised Luisenpark with the "Neue Parkmitte", the Spinelli grounds, a former US military barracks, is the central venue. After the 178-day garden show, the area will be integrated into the north-east green corridor and freely accessible. A new local recreation area will be created that stretches from the Käfertal forest to the Vogelstang lakes, the Spinelli Federal Horticultural Show site and the Feudenheimer Au to Luisenpark. It creates a fresh air corridor to the Neckar River, which will positively change the city climate. In addition, a six-kilometre cycle path will connect several districts to the city centre. At the same time, the Spinelli site will become one of the largest species protection areas in the Rhine-Neckar metropolitan region, covering some 62 hectares.

On Spinelli, 13,500 m² of play and sports areas have been created, including 5,000 m² of play stations and sports areas, 6,500 m² of multifunctional sports fields and 1,500 m² of playgrounds. They extend over a length of 1.6 kilometres along the so-called "Parkschale

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Käfertal". After BUGA 23, the site will become a leisure and recreation area for all Mannheim residents.

The BUGA 23

But before that, the "Quadratstadt" (= "square city", a synonym for Mannheim) will experience a very unusual Federal Horticultural Show on a total of 104 hectares, 42 hectares of which will be in Luisenpark and 62 hectares in Spinelli: BUGA 23 will last 178 days and is expected to attract around two million visitors by the time it closes its doors in October 2023. BUGA 23 is an experimental field, flower show and summer festival all in one. Around 5,000 planned events, including Bülent Ceylan, Joris, a Joy Fleming musical, Thomas Siffling's jazz club, readings, theatre, workshops, an extensive children's programme and many more, will ensure a great summer in Mannheim on both sites.

The price of the season ticket includes all these events and the cable car rides that connect the two grounds. The cable car takes about seven to eight minutes. Up to 2800 visitors per hour in each direction can float over the Neckar from park to park. From the air, you can see the Neckar, the "Maulbeerinsel" (an island), the sports park and the newly built "Panoramasteg" (= panorama walkway). The 43-metre cantilevered footbridge towers over the "Augewässer" (a small lake), which has a water surface of 1.6 hectares and provides a habitat for many animal and plant species. Both the footbridge and the Augewässer were built as part of the Federal Horticultural Show Mannheim 2023 and are part of the



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"Grünzug Nordost" (= green corridor northeast) as a local recreation area.

Military structures at Spinelli Park

In the welcome area at Spinelli, the unusual character of the site becomes apparent. Many structures of the former barracks have been preserved and converted. A former tank hall became the entrance building, the "U-Halle", an old warehouse, the centrepiece with flower hall shows, gastronomy and events.

In combination with the varied planting, the history of the "Spinellikaserne" is linked to BUGA 23. In the spirit of sustainability, work was done with the existing buildings and selected buildings were converted. The functional paths were also largely retained. Materials from the deconstruction, such as roof panels and glass blocks, reappear in other places, for example as fences or visual protection.

Parts of the "U-Halle" have been reduced to their supporting steel and concrete girder framework. With generous water areas in the inner courtyard and recreational areas, indoor and outdoor spaces have been combined for multifunctional use. There are gastronomic offerings here, and there is plenty of space for flower and specialist exhibitions. The flower hall shows are particularly exciting, creating an absolutely extraordinary atmosphere in the ambience of the former warehouse. 19 changing shows are conceived, the topics varied and with reference to Mannheim.



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Space for innovative ideas

Throughout the so-called "Experimentierfeld" (= experimental field), the area for exhibition contributions on sustainability, the four guiding themes of BUGA 23 are located: climate, energy, environment and food security. Located to the north of the U-Halle, they find their horticultural expression. Jagged edges like ice floes mark the "Climate" area, leaf structures are the hallmark of the "Environment" area. This is where the roses are planted, 209 rose varieties, 4440 rose plants in all imaginable colours. They spread over 1500 square metres and are accompanied by perennials and grasses. Oscillographic lines stand for "energy" and "food" is reflected in the shape of agricultural plots. Like a red thread, 17 future gardens run through the experimental field and embody the 17 sustainability goals of the United Nations as artistic garden productions. Trees are important pillars for offsetting CO₂ emissions on our planet. The exhibition organisers have come up with something special here: For the first time, a Federal Horticultural Show becomes a tree nursery. 2023 trees of the future are planted on the site and can grow and become stronger here. And after the Federal Horticultural Show, they will be distributed throughout the Mannheim city area, and Spinelli will then become a fresh air corridor for the square city.

Press information

The genesis of BUGA 23

BUGA 23: A cornerstone for the future

Nine years ago, the decision was made that Mannheim would be the host city of BUGA 23. After the city adopted the 2030 mission statement in 2019, it quickly became clear that sustainability would also play a major role at BUGA 23.

The Spinelli site in the north-east of Mannheim looks back on 70 years of military history. The Wehrmacht operated here from 1938 to 1945, before the pioneer barracks were used by the American military in 1948 under the name "Spinelli Barracks" and expanded to a total area of about 82 hectares. Military vehicles and combat equipment were stored here until the US Army withdrew in 2012. In spring 2014, it was clear that the Spinelli Barracks would become Mannheim's second Federal Garden Show.

Flower show, summer festival and experimental field - that is BUGA 23 on Spinelli and in Luisenpark. The Mannheim Federal Horticultural Show is committed to sustainability and aims to be the most sustainable Federal Horticultural Show to date. The basis for this is formed by four guiding themes that are reflected in all areas, from exhibition contributions to the programme of events: Climate, Environment, Energy and Food Security. The guiding themes were developed from the City of Mannheim's Guiding Principles 2030 and the 17 Sustainable Development Goals of the United Nations (=



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SDGs). Together with numerous partners, solutions for future-relevant issues are being researched and demonstrated in all areas.

"In accordance with our mission statement Mannheim 2030, sustainability also plays a central role at BUGA 23," emphasises Mannheim's Lord Mayor Dr. Peter Kurz.

"BUGA 23 shows what a more sustainable life can look like, demonstrates innovative solutions, breaks new ground and dares to experiment. And: BUGA 23 has successfully passed the EMAS certification for sustainability and thus sets a new standard - for future federal garden shows and large events in general."

Because even beyond the 178-day Federal Horticultural Show, life in Mannheim is to be positively influenced.

BUGA 23 will sustainably increase the quality of life in Mannheim. The newly designed Spinell site will create a continuous green space stretching over seven kilometres. The 220-hectare green corridor northeast improves the city climate, creates a fresh air corridor and thus makes Mannheim even greener.

Press information

The BUGA 23 in figures



The BUGA 23 in figures

BUGA 23, that are...

- **178** days of summer festival, flower show and experimental field
- **104** hectare site area (**42** ha Luisenpark, **62** ha Spinelli)
- Almost **60%** unsealed area on the Spinelli site
- **4** guiding themes: Climate, environment, energy, food security
- **2.1 million** of visitors expected (more than half from a 60-80min radius)
- Around **5000** events planned
- Over **2** km cable car ride in **8** minutes
- **7,500** m² photovoltaic system on the "U-Halle" (largest energy roof in Mannheim)
- **13,000** m² big „U-Halle“
- **19** flower hall shows
- **1.3 million** bulbs planted & **217,000** flowers planted in the spring flor
- **12** twin towns of Mannheim presenting themselves in the Garden of the Twin Towns in the Luisenpark
- **2023** Zukunftsbäume (= future trees)
- **17** Gardens of the future
- **1,300** m² large aviary in the Luisenpark
- Over **350** plant species and around **50** reptiles in the plant show house
- Around **60** exhibition partners with about **80** contributions in the Experimentierfeld

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- **3,300** seats in the gastronomy
- **1,840** m round trip with the Gondoletta boats over the Kutzerweiher
- **11** partner municipalities of the BUGA 23
- **230** hectares Green corridor north-east
- **12**-metre-high and **81**-metre-long „Panoramasteg“ (43 metres self-supporting)
- **1.6** ha Au-Gewässer (= alluvial waters) with habitat for many animal and plant species
- **6** km cycle path
- **5,500** m² play stations and sports areas
- **6,500** m² multifunctional sports field
- **3.3** km Neckar renaturation
- Over **22** ha species conservation area (one of the largest in the Rhine-Neckar metropolitan region)



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BUGA 23: Development boost for Mannheim

The Federal Horticultural Show will give Mannheim a boost in development. On 23 May 2017, the municipal council made the leading decision: With 30 votes to 16 in favour of the green corridor and BUGA 23, it went from preliminary planning to implementation. The historic opportunity to pursue the further development of the city with the withdrawal of the American armed forces and the release of the barracks areas had found a majority.

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This high-quality green corridor is one of the largest ecological urban development projects in Mannheim. It forms a green belt from the Luisenpark to the Vogelstang lakes and brings the people of Mannheim and the region a significant increase in quality of life in the long term. Biotopes are networked, existing habitats for animals and plants, but also for people, are secured in the long term and decisively improved.

At the same time, a new residential quarter has been created on the edge and the Käfertal park shell has created play and leisure areas on the edges of the green corridor.

The Federal Horticultural Show 2023 not only offers a wonderful 178-day festival - with its implementation, a new green infrastructure is being created in Mannheim.



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BUGA 23 fixed the major project for the opening date in April 2023 and will also be of central importance for Mannheim's future for generations to come. The garden show grounds will also become part of the green corridor northeast.

After BUGA 23, parts of the approximately 60-hectare Spinelli site will be dismantled, the future trees will be moved out into the city and the exhibition contributions will be removed. The "U-Halle" will be further deconstructed in parts, but will otherwise remain, and will continue to house gastronomy. Parts of Spinelli will be developed with residential buildings by GBG, but most of it will remain natural green space and become part of the fresh air corridor. The sports and exercise park with its play stations and playgrounds, parkour facility, calisthenics facilities and disc golf area will also be retained.

The architectural highlight of BUGA 23 is the "Panoramasteg", which floats 43 metres above the Feudenheimer Au and offers a wonderful view. After BUGA 23, it will be opened to the public and will also serve as a pedestrian bridge over the street "Am Aubuckel". The near-natural climate park will be a leisure and recreation area close to the city centre and will continue to contribute to species protection with sandy grassland areas and replacement habitats for wall lizards and wild bees. The Conversio artwork by Philipp Morlock also remains part of the climate park.

Part of the local recreation area and the north-east green corridor is the Feudenheimer Au, which spreads out



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under the "Panoramasteg". The water meadow created there provides a habitat for many animal and plant species, but also a quiet place to relax. Other play areas and measures for species protection, such as two bat towers, have been created in the Feudenheimer Au. The six-kilometre section of the new cycle expressway through the Feudenheimer Au, across the Spinelligelände to the Luisenpark has been completed and will become part of the new connection between Mannheim and Weinheim.

One project that was completed with sections 1 and 2 for BUGA 23 is the Neckar renaturation. This will make the straightened course of the Neckar river more curvaceous and more natural again, which in turn will create habitat for more animal and plant species.



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Facts about the „Grünzug Nordost“

- The green corridor northeast is the green space that will be created by the Federal Garden Show 2023.
- takes on a climatic relief function for the city
- extends over 230 hectares
- connects the city centre to the Vogelstang lakes
- 3 km of cycle path lead past it
- becomes an area for leisure, sport and local recreation

It develops

- 5,500m² play stations and sports areas
- 6,500m² multifunctional sports fields
- 1,500m² playground
- Spinelli Total: 13,500m²
- Feudenheimer Au landscape conservation area with "Au-Gewässer" and "Panoramasteg" (panorama walkway)
- Neckar renaturation on a stretch of 3.3 km



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BUGA 23: A colourful sea of flowers

Flowers, plants and perennials in a wide variety of colours - BUGA 23 visitors can look forward to this. Everywhere on the Spinelli grounds and in the Luisenpark is in bloom, whether in the “U-Halle”, in the “Experimentierfeld”, in the entrance areas or in the “Neue Parkmitte”.

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Colourful flowers on both grounds

The four areas of the "Experimentierfeld" in Spinelli Park, oriented towards the four guiding goals of climate, environment, energy and food security, blossom in spring and later in summer flowers, as does the welcome area or the area around the cable car. In the flower halls with the themes of floristry and horticulture, florists and horticulturists from all over Germany present their skills and at the same time offer inspiration for the garden at home. A traditionally very popular feature is the "Grave Design and Monument" area, which is designed by cemetery gardeners and stonemasons. But also the Dahlia Corner, the Rose Petals or the Balcony and Vertical Garden will shine in the most colourful colours during the 178 days of BUGA 23.

The "Neue Parkmitte" in Luisenpark will also captivate visitors with a colourful sea of colourful flowers and unusual plants. Ensembles of perennials and grasses show that resource-saving and insect-friendly plants can also be true flowering wonders. The Mediterranean and



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Citrus Gardens offer relaxation, and the presentation of water lilies as well as rhododendrons and fuchsias makes the whole park shine.

19 Flower hall shows

The 19 flower hall shows will be particularly exciting, creating an extraordinary atmosphere in the ambience of the U-Halle, a former warehouse in Spinelli Park.

In two halls, the Floriculture Hall in the southern side of the U-Halle and the Horticulture Hall in the northern side, visitors can expect 19 exhibitions on a wide variety of topics. Florists and gardeners from all over Germany will design the shows. Each of the 19 flower hall shows is dedicated to a special theme. In addition to one show each on Mannheim and the history of Americans in the city, there are also exhibitions on the topics of hydroponics, heroes, sustainability and the question of happiness, as well as a hall show on memories of the 90s. But the shows are not only meant to be beautiful, they are also meant to provide inspiration for the private sphere.

Horticultural competitions at BUGA 23

Federal Garden Shows are traditionally also the venue for demanding horticultural competitions. National florists, gardeners and horticulturists compete with each other and show their skills. In addition to the indoor flower shows, the most important horticultural exhibition areas at BUGA 23, which are judged by a jury, are: Spring and Summer Flowers, Perennials, Roses, Woody



Plants, Grave Design and Monument as well as Landscape Gardening. When assessing the plant products, particular attention is paid to quality, health, growth, colour expression and cultural performance. Depending on the number of points achieved, the companies can win gold, silver or bronze medals.

2023 Zukunftsbäume (= Future trees)

Trees are an important pillar to compensate for CO₂ emissions on earth. All across the Spinelli grounds, 2023 trees are spread, the so-called “Zukunftsbäume”, where they can grow and become stronger. The Spinelli grounds will thus become the largest temporary tree nursery in Germany.

After the Federal Horticultural Show 2023, the trees will be distributed around the city of Mannheim and relocated to their final sites. They will help to sustainably improve the city's climate.

A total of 79 tree varieties have been selected that are sustainable in the changing climatic conditions, including field maple, holm oak, amber tree or the European hackberry tree.

Information services at the i-Punkt GRÜN

The central advice and information centre for visitors to the Federal Horticultural Show Mannheim 2023 is the i-Punkt GRÜN. This is located in the former heating centre on the Spinelli grounds.

Here you can find information about horticultural products and services, and visitors from all areas of



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horticulture and hobby gardening can obtain well-founded information. Trained experts answer questions about plant protection, organic products, fertilisation, care and cultivation of garden and indoor plants. Events and lectures complete the offer.



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BUGA 23: Former storage hall becomes the centrepiece of the Spinelli site

The "U-Halle" is the centrepiece of the Spinelli grounds and a venue for gastronomy, flower shows and exhibitions by various partners. For BUGA 23, it was partially dismantled and the inner courtyard was upgraded with recreational areas and a water feature.

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The "U-Halle" is the architectural highlight on the Spinelli site and the heart of the Federal Horticultural Show Mannheim 2023. The original 21,000 square metre U-shaped warehouse was partially dismantled to its supporting steel and concrete girder framework for BUGA 23 and reduced to approx. 13,000 square metres. Scaffold-like, permeable structures remained, which were planted with climbing plants, grasses and wildflowers. The inner courtyard of the "U-Halle" was also upgraded with generous water areas, trees and recreational areas. The sustainability concept of BUGA 23 is also reflected in, or rather on, the "U-Halle": with an area of over 6,700 square metres, the largest solar roof in Mannheim was installed here.

During BUGA 23, the "U-Halle" will host the 19 large flower hall shows as well as a variety of exhibition contributions. In addition, various restaurants offer something for every taste. Under the motto "The city on its way into a new era", the city of Mannheim, for example, will present itself in the "U-Halle"; projects from the host federal state will also be shown at the "Baden-Württemberg Meeting Point". The State Palaces and Gardens will present various show gardens, and the history of the city of Mannheim will be told with the help of climbing



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plants. Local companies such as BASF and MVV will also be in the "U-Halle" to present their contributions to the four main themes of BUGA 23.

Markets will also be held in the "U-Halle". At the gardeners' market, visitors will find everything that makes a gardener's heart beat faster, especially plants. At regular intervals, artisans from Baden-Württemberg will also present themselves here and sell their works. But the "U-Halle" will also be a place of togetherness, of coming together. This is where the Table of Nations, the so-called BUGA 23 Assembly, will be located. At this approx. 60m long table there are 193 chairs, each representing a country of the United Nations (UN). The chairs were made in advance by members of the Arts and Crafts Association. With the Rainbow Hub, there is a place of coming together, education and safety for people of any sexual orientation.



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BUGA 23: A place for innovative ideas

BUGA 23 is committed to sustainability. The experimental field on the Spinelli grounds will therefore present a variety of exhibition contributions that show proposed solutions to current problems.

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Climate, environment, energy and food security - these are the four guiding themes of BUGA 23. During the Federal Horticultural Show, they are reflected in many areas, but most clearly on the "Experimentierfeld" north of the "U-Halle". Jagged edges like ice floes mark the "Climate" area here, leaf structures are the hallmark of the "Environment" area. Oscillographic lines stand for "energy" and "food security" is reflected in the shape of agricultural parcels. Almost 70 exhibition contributions want to inspire BUGA 23 visitors to marvel, join in, think and do something else.

The four areas of the „Experimentierfeld“

In the climate theme area, everything revolves around the search for plants that can cope with the changed climate conditions with extreme heat and drought periods. The contribution by the VGL (Association for Garden, Landscape and Sports Ground Construction) informs BUGA 23 visitors about climate-compatible perennials. But other climate protection projects can also be found here, such as the contribution "PeePower".



Scientists from the Karlsruhe Institute of Technology developed the contribution, in which weak electricity is generated through the decomposition of urine by bacteria. This will be used at the BUGA in Mannheim to offer visitors a mobile phone charging station.

Contributions on species conservation and species-appropriate gardening can be found in the environment section. Inspiration for the home garden is provided by the "Hektar für Nektar", an area with insect- and bee-friendly perennials and wild plants. LOGL's

"Spiegelgarten" showcases planting alternatives to classic garden plants that offer greater value in terms of biodiversity and ecological benefits. Scattered around the grounds are 2023 "Zukunftsbäume" (= trees of the future), which will be distributed throughout the Mannheim city area after BUGA 23 and will find their permanent home there.

The third component of the experimental field revolves around energy and the question of how it could be produced in the future. In the PreZero Silphie field, silphias were planted, a plant that is suitable for energy production due to its high biomass. In the MVV field, visitors will find information about solar energy, including a photovoltaic system that moves with the sun.

Autonomous and electric driving can be experienced on a test track along the northern edge of the Garden Show grounds in the contribution U-Shift. The project is being developed and supervised by the German Aerospace Centre.



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Various gardens at BUGA 23 are designed to introduce young and old to the topics of healthy eating and gardening, as well as appreciation of nature and food. For example, there are school gardens that are tended and planted by local schools and kindergartens. A complementary, theoretical approach is provided by the world acre. Every year, a person needs 2,000 square metres to cover his or her consumption needs. The area, which is looked after by the One World Forum Mannheim and the DEAB, is just as large and represents what a single person needs. Also in the field of food security are contributions from the Pfalzmarkt on vegetable cultivation and the Schriesheim winegrowers' cooperative on fungus-resistant wine varieties.

The 17 SDG-Gardens

There are also 17 hedge gardens spread across the entire experimental field. They are intended to give visitors to BUGA 23 an understanding of the 17 Sustainable Development Goals (SDGs) of the United Nations, with each garden addressing one of the 17 goals.

The implementation is horticulturally creative and a wide variety of materials are used in the design. For example, swings, car tyres and water taps are used to design the gardens. Of course there is also greenery, so the garden for "health and well-being" also functions as a herb garden. Urban development also plays a role; the garden for "Industry, Innovation and Infrastructure" features local inventors, while Mannheim's 17th garden is



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dedicated to national as well as international city partnerships.

This diversity of design makes for a varied experience. The SDGs will be communicated to visitors in a creative way. BUGA 23 Managing Director Michael Schnellbach says: "These 17 gardens are something very special, they combine crucial future issues with the opportunity to experience the SDGs emotionally and discover new perspectives in the process."



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BUGA 23: Luisenpark with a new look

The Luisenpark will be decked out in BUGA 23 garb with modern architecture, new paths, flowers & plants and a great stage programme! The impressive architecture of the "Neue Parkmitte" (New Park Centre), which creates new experience spaces for visitors with a very high quality of stay in the centre of the Luisenpark, is certainly one of the highlights of BUGA 23. With new beds and plant species, paths and green areas under the open sky, the Luisenpark has reinvented itself for BUGA 23.

Ellen Oswald, the park's horticultural manager for the past eight years, is certain that "Luisenpark will shine at BUGA 23!" "We have created many wonderful perennial beds. There are special flowers, but also numerous newly planted trees are among our new additions worth seeing." With the "Garden of the Twin Cities", the splendour of blossoms in the Chinese Garden with shrub peonies and a camellia collection of over 200 species, Luisenpark is making a magnificent opening contribution to BUGA 23.

Not only Ellen Oswald's "Team Gardener", but also the architects around Philipp Goldschmidt, together with the park technicians and the zoology team, have mastered the mammoth task of leading the Luisenpark into the

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future. After countless consultations between the craftsmen and technicians, the zoologists checked again and again whether everything had been implemented for the benefit of the animals. The plan came from Joachim Költzsch, Park Director of the Luisenpark. He will be managing director of Stadtpark Mannheim gGmbH until the end of April, when he will leave. "When I first sat at the drawing board, we didn't yet know that we would be part of BUGA 23," he recalls. The fact that everything came together so happily makes him happy. With the Spinelli site, the park has become BUGA 23 and was thus able to experience an enormous boost - not least thanks to BUGA 23 Managing Director Michael Schnellbach, who has also been Co-Managing Director of the Stadtpark-Gesellschaft since 2022.

The park centre - new!

In the course of the renovation of the "Neue Parkmitte", the "green giant", the plant show house, was also energetically upgraded. It has clear panes all around, so you can see Mannheim's jungle from afar - and from inside you have a view of the park landscape. The Luisenpark's public favourites, the Humboldt penguins, have a new, much larger enclosure, whose underwater area simulates the ocean current and whose land part even has a hill with nesting holes. The former butterfly house has been expanded to become the South America House and features fauna and flora of the Latin American continent with a boa constrictor, a pair of caimans, clawed monkeys and, as before, the butterflies of the



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fascinating cosmos. The farm and an alpaca meadow complete the BUGA 23 offer.

And where does it bloom first now?

It starts at the main entrance with the classic spring flora: violas, various varieties of tulips, golden violet, etc. are supported by early-flowering woody plants such as camellias, magnolias or ornamental cherries. Towards May, the perennial plantings will develop. They are followed by the wonderful peonies, the rhododendrons, and finally the storage strawberries in the Mediterranean garden as well as the water lilies, which do the honours until late summer.

The perennial beds are particularly worth a visit in summer, when special plants are presented with dahlias and, in addition, grasses - a bed that will be transformed again and again until autumn! These beds at the main entrance have been developed from classic alternating flower arrangements to modern, perennial and particularly resource-saving arrangements. Among this natural-looking planting of perennials are also useful plants and plants that grow in the wild: The latter are ecologically valuable because insects fly to them more often, which means they are enormously important for humans and animals. In September, you can expect exuberant vegetation, some of it several metres high - and the BUGA 23 team is already looking forward to it with great anticipation!

One large area has been completely redesigned: The "Garden of the Twin Cities", in which each of Mannheim's

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twin cities has made its own special, characteristic contribution to the common whole. The willow provides the floral bracket in many different forms of design. An ideally valuable and diverse new garden has been created, which really seems to radiate the lifeblood of the various gardeners from all over the world.

Press information

The cable car

BUGA 23: With the cable car from the Spinelli grounds to Luisenpark

Floating from one site to the other at a lofty height over the Neckar: This is made possible by the cable car, which is part of BUGA 23. But it is not just a means of transport, it is an attraction in its own right.

The cable car with a total of 64 cabins, each designed for 10 people, connects the two exhibition grounds - Spinelli Park and Luisenpark - during BUGA 23. In seven to eight minutes, up to 2800 people can be transported per hour and direction. During the journey, the cable car covers a distance of approximately 2 km.

However, the cable car is not only used for transport, it is an attraction in its own right. During the ride over the Neckar, the Mulberry Island, the sports park and the new Panoramasteg, visitors can enjoy a completely new view of Mannheim. In addition, small events take place in the cable car cabins on selected days: It can happen that a musician gets on and sings a song during the ride, or that an author reads his short stories. But whether with or without a cabin event, the cable car ride is included in the admission price for all BUGA 23 visitors.

The cable car as a connecting element between the two sites is part of the sustainability concept of the Federal



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Horticultural Show 2023 in Mannheim. As two sites had to be connected in terms of transport, the cable car, which is powered by green electricity, was the most ecological and resident-friendly option. Major parts of the cable car come from the Dutch flower show Floriade in Almere; and after BUGA 23, the entire installation will again be set up at a new location. The cable car will also be powered by green electricity, and a sustainability study by Darmstadt University of Applied Sciences is underway before and during BUGA 23. The ropeway is manufactured and operated by the Austrian company Doppelmayr.

Press information

The „Lebenskunst“ events programme

BUGA 23: Summer festival with more than 5000 events

BUGA 23 has formulated its claim to a programme for BUGA 23 that is close to life under the term "Lebenskunst" (art of living). The events team led by curator and team leader Fabian Burstein has developed and put together a colourful programme across all genres. The programme of events provides an insight at buga23.de.

BUGA 23 is not only a flower show, but also a 178-day summer festival with diverse cultural events across all genres. High-profile acts such as Bülent Ceylan, JORIS, ClockClock, Eloy de Jong and Beatrice Egli, but also the world premiere of the specially produced Joy Fleming musical and the theatre installation PIGS, will attract attention. BUGA 23 Managing Director Michael Schnellbach: "We don't think of art and culture in the category of an 'accompanying programme' - for us, culture is a supporting strategic pillar. It enables us to look at the four key themes of environment, climate, energy and food security from an artistic point of view, it is a tourist attraction for people beyond the classical garden show community and, thanks to the numerous co-productions with local actors, it is an identification factor for the whole region."



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The independent scene in particular benefits from the approach of a cooperative cultural BUGA. The two independent theatres Schatzkistl and Rhein-Neckar-Theater are on board with their own BUGA 23 productions. The dance scene is also strongly represented with the nationally acclaimed collective La Trottier Dance and street dance pioneer Jonas Frey, who has developed his own station dance theatre in Spinelli Park.

The Kurpfälzische Kammerorchester will bring the popular Traumkonzerte (=dream concerts) open air to the Luisenpark with a music programme curated especially for BUGA 23 with references to the guiding themes of the Mannheim Federal Horticultural Show. Conductor Tristan Meister networks the choral music scene on the theme of sustainability and designs a multi-layered programme with a choral symposium and choral concerts. Choirs from the region with a wide variety of orientations are represented, from shanty choirs and pop choirs to choirs that have dedicated themselves to sacred music. And the Rhineland-Palatinate State Philharmonic Orchestra is also part of the Lebenskunst programme with five concerts whose programme is based on the BUGA 23 leitmotifs.

A diverse programme meets a diverse audience. Against this backdrop, the who's who of the young pop scene is represented: MINE, rapper Greeen, Wallis Bird, Chaoze One and Alex Mayr, among others, will be performing.



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With the "Green Talents Festival", BUGA 23 is launching a young talent format for a total of 48 bands, which goes hand in hand with a fair pay approach and a comprehensive qualification programme on the subject of green touring.

BUGA 23 was able to land a real coup in cooperation with Time Warp promoter Cosmopop. For the closing event on 08.10.23, minimal techno pioneer Dominik Eulberg will be coming to Mannheim, not only in his capacity as an artist, but especially in his role as a studied biologist. Together with entomologist Thomas Hörren, who is considered the discoverer of insect mortality, Dominik Eulberg will hold workshops for young people. At the closing ceremonies, the world-renowned DJ will give a keynote on the topic of diversity loss and seamlessly transition into a live set with his synthesizers and sound machines. Fascinating visuals from local nature, such as oversized insect portraits, will amaze visitors of all ages.

Another aha experience with supra-regional appeal is guaranteed by a cooperation with the "Mannheimer Schillertage": with the opening and the main production of Wilhelm Tell, one of Germany's best-known theatre formats will come to the ambience of BUGA 23. The lake stage of the Luisenpark and the water surface will become a spectacular part of the production.

For Fabian Burstein, Team Leader Culture & Events, the cultural round of BUGA 23 follows on from the cultural tradition in Mannheim: "We are linking the diverse cultural impulses with the theme of cultural urban



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development. In this way, we are helping to give BUGA 23 in Mannheim an independent face for a diverse audience."

A detailed overview is provided by the programme of events published on the BUGA 23 homepage. All events are included in the season tickets, but also in the day tickets. For some events it is possible to book a guaranteed seat separately. This is also possible via the BUGA 23 homepage.

Press information

The BUGA 23: Campus



BUGA 23: Campus - Learning space for a summer

Vegetables, cooking punk and singing literary connoisseur: What do a cooking punk musician, a singing library director and vegetable-safer have in common? Quite simply: they are all part of the BUGA 23: Campus education programme at the Federal Horticultural Show 2023, which will provide aha moments for all age groups with unusual formats.

"BUGA 23 is a place of learning for a summer," says Kirsten Batzler, Head of Communications and Marketing at BUGA 23, and emphasises: "This is not an off-the-peg programme, we want to create awareness for our key themes of climate, energy, environment and food security and thus enable sustainable learning with a lot of fun for all age groups. Visitors should get practical impulses for their own everyday life. They are invited to become creative researchers themselves. And at the same time, the BUGA 23: Campus also offers the opportunity for exchange and encounters."

The cooking punk musician's name is Mike Dester and he and his partner Jonathan Sternberg are among the region's veganism pioneers - together they run the Kombüse and Hausboot restaurants and have developed

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their own unconventional cooking school for the BUGA 23: Campus: Together with young people, a pop-up restaurant is set up for a week as a holiday programme for career orientation. Twice a month, a cooking salon invites adults to evening table discussions with interesting guests from music, art and science.

The singing library director is Yilmaz Holtz-Erşahin, head of Mannheim City Library, passionate gardener, musician and artist. Once a month, he invites people to Holtz-Erşahin's Garden Salon. In addition, the Mannheim City Library realises six climate readings with well-known contemporary authors.

The vegetable-safer are from the Acker e.V. association and present the idea of the "GenerationenAcker". This offers opportunities for day-care centres and schools to actively participate in BUGA 23: Campus as "AckerRacker".

An important focus is on the offers for schools. The aim is to promote and involve children and young people with the "BUGA macht Schule" programme and the "Feriencampus" with holiday activities lasting one to several days. The school workshops are held daily from Monday to Friday.

But BUGA 23: Campus also offers an exciting programme for older researchers. In the "Open Campus" format, there are lunch talks, lectures, hands-on activities and guided tours for adults and families, and thus a variety of offers for leisure activities and further education.

In total, the Campus will offer around 2,000 events during the Federal Horticultural Show 2023 in the period from 14 April to 8 October 2023. Best prospects for sustainable education!



Press information

Art at BUGA 23

BUGA 23: Art shaped by guiding themes and history of the site

Between the flower show, the summer festival and the experimental field, BUGA 23 also features visual art, which was realised with exciting regional and local cooperation partners.

The content of all art projects is based on the four guiding themes of BUGA 23 Climate, Environment, Energy and Food Security. Here is an overview:

Olaf Holzapfel sie werden dorthin zurückkehren, 2022/23

The walk-in sculpture "sie werden dorthin zurückkehren" (they will return there) by Olaf Holzapfel is part of the exhibition 1,5 Grad (1.5 degrees), which can currently be seen in the Kunsthalle Mannheim and on the grounds of BUGA 23. It is encased in straw, a natural material that has shaped the landscapes of Central Europe for centuries, including the Rhine-Neckar region. For Holzapfel, the use of this material is deeply connected to his engagement with locally available resources.

Fabian Knecht, Isolation (52°33'44.1"N 14°03'12.8"E), 2019

Fabian Knecht's installation was also created in cooperation with the Kunsthalle as part of the "1,5 Grad" (1.5 degrees) exhibition. Seen from the outside, the cube



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appears unspectacular, but its interior reveals a surprise: a meadow extends over the entire floor area of the room. It seems as if the artist has transported an ecosystem into the architecture. If you look closely, you will even discover insects.

Real Lab for Renewable Photography

Which materials and processes are suitable for acting in a resource-conserving and climate-friendly way in analogue photography? With the Real Lab for Renewable Photography, the Biennale for Contemporary Photography and Kalamari Klub invite you to explore the relationship between photography and ecology. The starting point is the cyanotype process. It takes sunlight, water and iron salts to produce the typical deep blue photographic images. Under the title "Under the same Sun", the artists Carolin Lange and Dico Kruijsse are creating a large-scale installation of cyanotypes on the façades of two former barracks buildings located in the entrance area on the Spinelli grounds.

CONVERSIO

Since 2013, Philipp Morlock has been artistically negotiating the topic of conversion in the Conversio project. As part of BUGA 23, a large sculpture was realised in the north-western area of the Klimapark on Spinelli. By using relics of military use, the concrete realisation becomes a symbol of Mannheim's past and future.



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Art in Nature - Nature in Art

The Heidelberg artists Barbara Guthy and Soana Schüler are showing a land art installation on the Spinelli grounds. The work consists of tree trunks, branches and twigs. They were salvaged during preparatory work on the conversion areas and during renaturation measures along the Neckar.

The formal language of the artwork is based on the regional geography, such as the Neckar loops and whirlpools. The organically meandering installation made of deadwood will change over the years due to weather influences. It becomes a biotope and nesting site: a survival space for endangered species.

The installation has its place on the BUGA 23 biodiversity conservation area. In this way, Guthy/Schüler are implementing the aspect of sustainability that extends far beyond the duration of the garden show.

Stadt.Wand.Kunst in hall 5

Insects are the core theme of the wall design in Hall 5 of the "U-Halle" on the Spinelli grounds. Oversized and in high biodiversity, they seem threatening and daunting at first. They are powerful rulers who have taken over the barracks area after the withdrawal.

However, the visitors are supposed to be spooked by their own way of thinking and their prejudices towards the insects. The focus of the selection of insects depicted is the theme of "beneficial insect vs. pest".

Who decides whether an insect is "good" or "bad"?



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NEOLOGISMEN, in cooperation with FORUM**DEUTSCHE SPRACHE**

In this exhibit, artist Benjamin Sandro Jantzen visualises new words and word careers.

With its digital dictionary of neologisms, the Leibniz Institute for the German Language collects and researches which new terms have come into fashion in recent decades and also which words had to be newly invented (so-called neologisms) because we did not have an appropriate term for a new fact in our German usage. Neologisms and also extensions of the meaning of already known words (also called word careers) often develop in the course of social changes. For example, in the course of the Corona pandemic, a whole mass of new terms was coined, such as "Impfneid", "Aluhut" or "mütend".

Especially for BUGA 23, the researchers filtered their dictionary for new terms that reflect the major core themes of this Federal Horticultural Show - climate, environment, energy and food security.

Press information

Text by „Deutsche Bundesgartenschau-Gesellschaft“

Green performance show

A good seven decades lie between the BUGA Mannheim 2023 and the first Federal Horticultural Show, which opened in Hanover in 1951. Demands and design ideas have changed since then, but BUGA and IGA (International Garden Exhibition) still serve similar purposes as back then: to inspire millions of visitors, to present the green sector and to enhance the city and the region.

The two million or so expected visitors to the BUGA Mannheim 2023 will be presented with an ambitious horticultural programme, ranging from changing flowers to vertical planting. Around 600,000 flower bulbs have been planted on Spinelli and in Luisenpark.

The changing patches on Spinelli cover a total of 8,700 square metres and feature more than 217,000 spring and 115,500 summer flowers. It was designed by four planning offices: ARGE / Die3 landschaftsarchitektur, Bettina Jaugstetter, Christine Orel and Inge Wiemes. With a view to sustainability, the alternating flower beds are mainly planted with plants that require little water and fertiliser and are climate-sensitive.

4,410 roses were planted on 1,400 square metres, with 206 varieties from 13 exhibitors. Here, too, varieties were selected that are robust and have very good leaf health.

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The Bund deutscher Baumschulen (Association of German Nurseries) will be showing what goes on in a nursery on 1,500 square metres. Woody plants in various stages of development can be seen, from cuttings to young adult trees. The presentation shows BUGA 23 visitors how much time and work a tree needs and increases appreciation.

The grave design and memorial area at Spinelli covers a total of 2,600 square metres; there are 60 classic model graves as well as 150 square metres each of "NaturRuh" and "Memoriam" burial areas. 41 cemetery gardeners are involved. The theme of vertical and balcony gardening is also to be found at Spinelli, 400 square metres each will be on display by 13 exhibiting and supporting companies and organisations.

The Verband Garten-, Landschafts- und Sportplatzbau Baden-Württemberg e.V. has built ten show gardens on the grounds: Twelve companies from the region are involved in this exhibition contribution, which shows modern design examples and climate-friendly plantings. Topics include recycling, drought-resistant beds, rainwater retention areas and environmentally friendly sports field design. The gardens can be viewed from above from a multi-storey pergola.

The perennial garden competition takes place in the Luisenpark, ten perennial gardeners have each planted a 90 square metre bed. The 300-square-metre rhododendron entry can also be seen in the Luisenpark,



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with Inkarho shrubs that thrive in humusy, calcareous soil.

139 horticultural exhibitors will be taking part in the open-air displays, and there are expected to be around 150 more in the flower halls.

In two halls - one for floriculture and one for horticulture - there will be 19 indoor shows, each with around 900 square metres of exhibition space. Each show will be designed by a different team. Curated by florist and planner Gabriele Haufe, plants tell stories and evoke emotions. Floristry, which usually accompanies garden shows, will be staged as a focal theme for the first time in Mannheim.

At the i-Punkt GRÜN, the information centre for green topics in the former heating plant, visitors can get advice on all gardening issues, attend seminars and listen to lectures during the Federal Horticultural Show 2023.

Integrated urban and regional development

However, a BUGA or IGA does not only present the achievements of horticulture and landscape architecture. It brings greenery into the city and promotes identification with the community. The six-month event BUGA Mannheim 2023 offers people from the city and the region horticultural, cultural and educational opportunities. However, a horticultural show is sustainable above all because of its long-term effects. A



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BUGA or IGA is a proven instrument for integrated urban and regional development, it triggers urban development processes and creates a green infrastructure. Parks that are created in connection with the garden show will be used by future generations. The Luisenpark was given its present form in the course of the BUGA Mannheim 1975, Spinelli will provide for an improved urban climate as part of the green corridor northeast. But new neighbourhoods are also being created: Housing for around 4,000 people will be created in the northwest of Spinelli on the park bowl. In the south, an energy self-sufficient quarter with 180 residential units is planned. Conversion of military areas like Spinelli, renaturation of rivers like the Neckar, creation of leisure and sports facilities like in the Parkschale Käfertal: even after more than seven decades, the Federal Garden Show format is still relevant. There is great interest on the part of municipalities in hosting a BUGA or IGA. The German Federal Horticultural Show Society is engaged in a lively exchange with cities and municipal associations, and the concrete expressions of interest and applications for a BUGA or IGA extend into the 2040s.

BUGA 23: A stage for the region

For 178 days, the Federal Horticultural Show grounds will be transformed into a major tourist destination. BUGA 23 involves the whole region and has therefore established municipal partnerships.

Sustainability is a central theme of the current times. BUGA 23 has decided to enter into municipal partnerships with cities and communities in the region. Together they want to work for the four guiding themes of climate, environment, energy and food security as well as sustainability.

Located in the "3-State Corner", partnerships have been established with eleven municipalities from Baden-Württemberg, Hesse and Rhineland-Palatinate:

Viernheim, Neustadt an der Weinstraße, Lampertheim, Landau in der Pfalz, Hockenheim, Schwetzingen, Weinheim, Eberbach, Ladenburg, Ilvesheim and Worms.

Michael Schnellbach, Managing Director of BUGA 23 gGmbH, says: "There is enormous potential in the cooperation between BUGA 23 and regional partners, which we as a society must use to find ways to solve the problems of the future."

BUGA 23 wants to be a stage and festival for the whole region, but also offer a stage to the region - especially to the partner municipalities. Various joint activities are

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planned for which BUGA 23 will be on site in the municipalities or will provide experts for support.

"For BUGA 23, we wanted partner municipalities that are happy to actively and creatively shape the future", explains Michael Schnellbach. When selecting the partner municipalities, it was therefore important that the cities and municipalities run projects that fit in with the four guiding goals or are prepared to implement such actions.

Whether it is the development of a concept for sustainable cultivation, high beds in the city centre, urban gardening offers, public orchards and flower meadows or a free seed library - the projects of the partner municipalities are impressive. And the diverse offers show: The overriding concern of BUGA 23 and all its partners is sustainability.