

CALL FOR ENTRIES – PHASE I

iba'27

Sindelfingen Hospital Area Conversion

Restricted Urban Development and Landscape Planning Competition (Phase II)
preceded by an International Open Call for Participation in the form of a
Sketch Qualification (Phase I), as of 21.07.2023



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Stadt  Sindelfingen

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General Information

The objective is to conduct an urban development and landscape planning competition for the realisation of a feasible development and open space concept incorporating existing structures and is organised in two phases in accordance with the guidelines for planning competitions (RPW) of 2013.

Phase I: International Open Call for Participation in the form of a Sketch Qualification

Phase II: Restricted Urban Development and Landscape Planning Competition

Phase I serves to determine the list of competitors for admission to the restricted urban development and landscape planning competition (Phase II).

Both procedures are anonymous. The authors of the designs submit their entries anonymously and remain anonymous until the selection panel or jury makes its decision. The selected sketch qualifications will be exhibited in public as a way of involving the general public in the overall process.

Awarding authority

of the 2-phase procedure is the

City of Sindelfingen

Department of Urban Development, Climate Protection and Building

Department of Urban Development and Geoinformation

represented by

Deputy Mayor, Dr. Corinna Clemens

Rathausplatz 1

71063 Sindelfingen, Germany

in cooperation with

Internationale Bauausstellung 2027 StadtRegion Stuttgart GmbH

represented by

Andreas Hofer, Director/General Manager

Alexanderstraße 27

70184 Stuttgart, Germany

Competition supervision

sanwaldstraub ARCHITEKTEN

Partnerschaft mbB

Ringstraße 134

70839 Gerlingen, Germany

Foreword

The Sindelfingen Hospital Area – surrounded on all sides by Sindelfingen Forest – is located on the periphery of the city centre in an elevated position (70m difference in altitude to the centre) forming a small world, a microcosm, in itself:

It is a place with strong links to the people of Sindelfingen or with which they come into contact at some point during their lives and, despite its location, plays an important role in city life.

The planned relocation of the hospital in 2025 to its new home on the Flugfeld offers the unique opportunity to put the approximately 8-hectare site to a new use, to redesign its spaces and buildings and to link it to the city centre.

The aim is to use advanced housing and use concepts to develop a new, vibrant and climate-neutral mixed urban neighbourhood, bringing together work, housing, education and leisure facilities. At the same time, it is to be integrated as far as possible into the adjoining residential areas. With regard to sustainability, proposals are expected to take a stance on the topics of densification, recycling, climate protection, mobility, resource consumption, energy efficiency and economic feasibility and put forward new, innovative ways of addressing them.

Alongside creativity, the courage to tread new paths and to experiment is needed here, in addition to the close involvement of the public.

The local council has decided to implement this process within the scope of the “IBA’27 StadtRegion Stuttgart”: forward-looking, regionally interconnected and as part of an intensive public procedure. Happily, in January 2020, the “Sindelfingen Hospital Area Conversion” project was included in the IBA Network and since July 2020 has been one of the initial thirteen “IBA Projects”.

Its immense appeal as a flagship development gives it a standout position within the IBA Network.

We are using the IBA as a special urban development format, as a way of taking planning and construction to a new level, abandoning routine and trying out new ideas as well as creating more opportunities for participation.

Dr. Bernd Vöhringer,
Mayor

Stadt  Sindelfingen

A Hospital Becomes a Neighbourhood

Industrialisation led to a massive expansion of inner cities in the nineteenth century. Densely-built, cramped spaces; poor-quality, unhealthy living conditions; the noises and stench of the workshops and factories – all these cried out for solutions. Early construction legislation and social reforms went some way to alleviating the worst extremes.

At the beginning of the twentieth century, a new generation of architects put forward a set of radical solutions: work, housing, administrative and cultural functions must be physically separated. The city must be divided up, with green corridors interspersed between neighbourhoods. The horrors of Spanish Flu and rampant tuberculosis made public health a key concern in modern urban development. As a result, care homes, hospitals and sanatoriums were built outside the dangerous, unhealthy cities.

Stuttgart was one of these new centres of urban development. In 1927, the European avant-garde of the time showcased a white, modern architectural style suffused with light and air in the form of the bright, functional houses of the Weissenhof Estate. Less well known, the “Ziegelklinge” settlement in Stuttgart Heslach, was built to accommodate tuberculosis-sufferers and their families. Its terraced houses had a separate room on the roof in front of which a large terrace aimed to provide sanatorium-like facilities in the fresh air. The locals dubbed Ziegelklinge the “Hustenburg” – literally the “Coughing Castle”.

Reconstruction following World War Two saw this perception of the modern city flourish to an unprecedented extent in terms of space and dimension. Huge housing developments were created far from the giant factory sites. People who could not keep pace with the speed of growth or who did not fit into the pattern of the industrious small family – that is, people with physical or mental impairments, the elderly, the sick, or orphans – should, ideally, find healing or at least a secluded space close to nature on the periphery of such developments.

It was during this period that Sindelfingen Hospital was built, in a pleasant spot in the forest; a self-contained world of healing – from cradle to grave.



© Patrick Queisser

When the hospital site falls into disuse and is no longer needed, we need to think about what can be done with it. Modernism would have called for demolition; a machine which is no longer needed must be got rid of. But this school of thought is gradually being superseded. We recognise that the hospital has nostalgic value for many people and, at the same time, it is a huge source of materials for such a conversion project; columns, ceilings, beams, façades, etc. – all are solidly built, the product of top-quality craftsmanship.

This site can be turned into a modern neighbourhood in the forest, one that could not even have been imagined let alone built from scratch – a neighbourhood with its own special place in history.

This competition is set to mark the first chapter of a new story. No, actually that's not quite right. The first chapter has already been written, composed of conversations with the people of Sindelfingen, emotions, interests, students' assignments, technical clarifications and preliminary studies. The first steps have been taken ... it's up to you to carry things forward.

We are convinced that this starting point is challenging and stimulating and we know that the road ahead will be a steep climb.

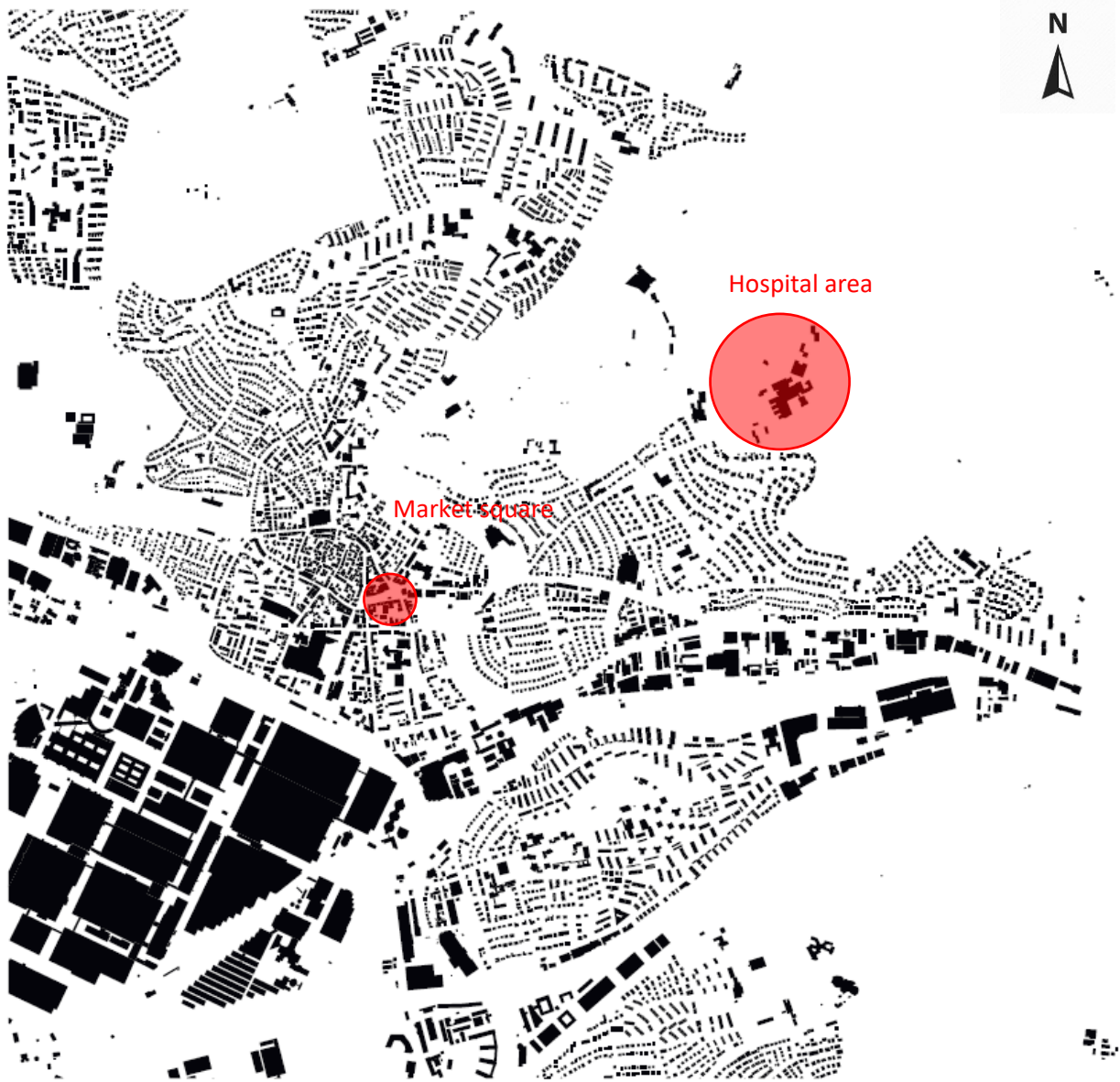
As a project in the Internationale Bauausstellung 2027 StadtRegion Stuttgart, however, the path has already been marked out: How do we continue the Legacy of Modernism into a future which provides many people with a home, offers them places to come together and is a source of inspiration – and which gives a hospital a future role in the everyday lives of many people?

As the transformation process is set to last far beyond the year of the exhibition, 2027, initial results or interim uses are envisaged for that year.

Andreas Hofer,
Director of the IBA'27



Figure-ground plan (not to scale)



Involving and Informing the Community

Right from the start of the development process, that is, from 2018 the City of Sindelfingen has given the public a wide range of opportunities to enter into discussion about and get involved with the current development of the hospital site:

from informative gatherings on the market square, public discussions with the Mayor, Dr. Vöhringer, exhibitions of designs by students from RWTH Aachen University, Graz University of Technology and of entries to the competition launched by the VDI (Association of German Engineers), through virtual presentations and discussions as part of the “Sindelfingen Urban” programme, down to a feasibility study discussed during three planning workshops (Opening symposium/Young peoples'/citizens' workshop).



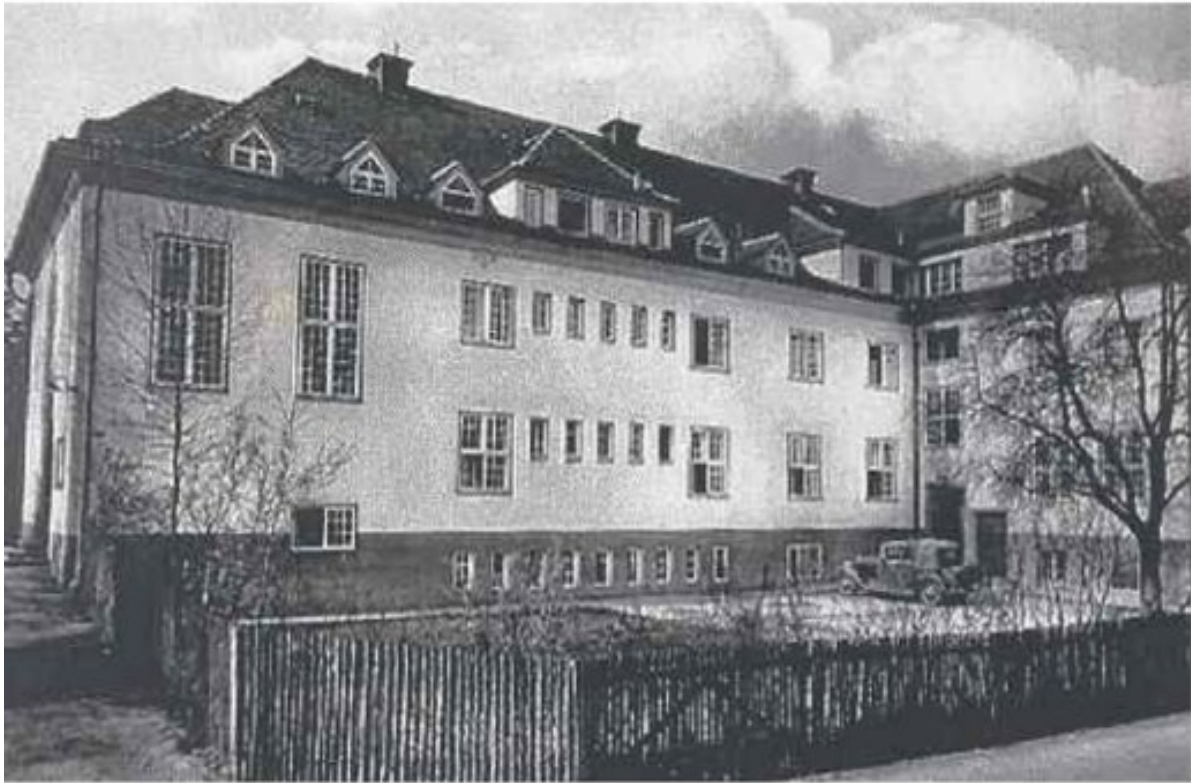
The results of this participation process fed into the preparation of the task for the international competition.

The aim is to present visitors in 2027 with a range of internationally relevant examples which illustrate new approaches to building, housing and working. A new neighbourhood is to be created in Sindelfingen which is open to all local residents and which provides new impetus for living, working and building in the future.

The Site

History

A generous donation by Wilhelmine (“Mina”) Schmidt-Moscherosch in 1923 enabled the inauguration of a municipal hospital in Sindelfingen, the “Wilhelminenheim”, initially situated in Wolboldstraße.



The first municipal hospital in Sindelfingen in Wolboldstraße

Born in 1868 as one of 14 children, Mina Moscherosch emigrated via Frankfurt to Chicago in the “New World”. Initially, she worked as a children’s nanny and later started her own costume business and a dance school with her husband. She is considered an expert in her field and engages in philanthropic activities, also outside Chicago.

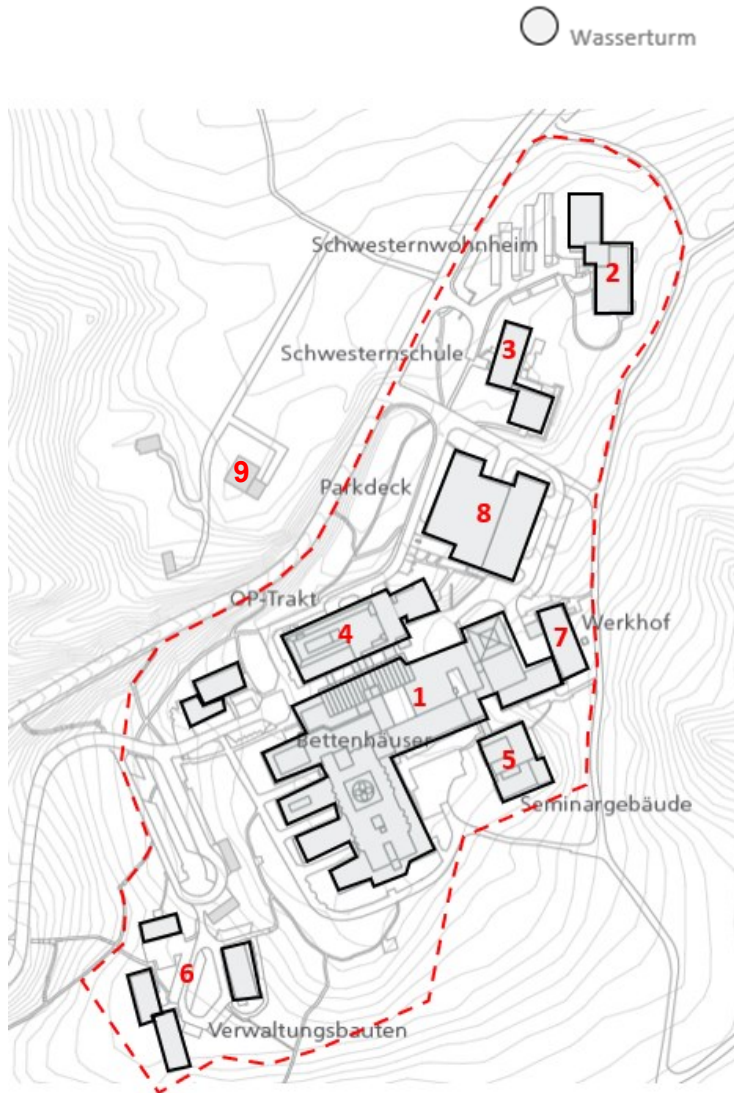
On condition that the money is spent on the construction of a home for the care of women in childbirth and their newborns, she donated a generous sum to her home town.

In 1962, after it was no longer economically feasible to run the various departments, the hospital moved to a new building on its current site on the Steige. An annexe was built in 1984 to allow the hospital to operate according to the standards required of a modern and efficient clinic of the time.

Current building stock

Today's hospital buildings cover an area of around 70,000 m² GFA; the nurses' accommodation block in the north of the site takes up around 10,000 m² GFA.

The following buildings are located on the site:



- 1) Ward blocks with annexes
- 2) Nurses' accommodation block
- 3) Nursing school
- 4) Surgical wing
- 5) Seminar building
- 6) Administrative buildings
- 7) Maintenance department
- 8) Multi-storey car park
- 9) Schwarzwald-Vereinsheim

The Liveable City – Transformation into a Neighbourhood of the Future

We want to develop an urban quarter that provides its residents with a liveable home environment; that offers a public realm where we can come together; that demonstrates its origins in a resource-saving, sustainable mindset; that allows memories of the location and the experiences associated with its past use as a hospital to be preserved so that it continues to be of interest to the people of Sindelfingen in the future.

A neighbourhood that puts pedestrians – including people just going for a walk or a stroll – at the heart of its spatial design concept and prioritises their needs over motorised traffic. A neighbourhood that lets communities take shape around public squares, that makes space across all age groups and gives young and old alike room to grow.

We want to develop an urban district which is linked to the city centre using intelligent and sustainable mobility concepts and which responds to the question of how to make an urban space that is not the exclusive realm of the car.

We want to create a new neighbourhood without building everything “from scratch”. A neighbourhood that makes clever use of existing structures. A neighbourhood that showcases ideas for new uses, re-use and re-purposing, that preserves the visibility of parts of the existing ensemble and its history and that interconnects with the forest around it.

Within these parameters – hospital as memorial, resource-saving construction and neighbourhood, public spaces referencing the forest, modern mobility concept – we want to engender identification with the neighbourhood as the basis for a responsible approach to its surroundings.

The exceptional wooded location on the edge of the city is to be transformed into a liveable urban quarter poised between nature and culture.



Photos: Patrick Queisser 2022

Sketch Qualification (Phase I)

Content and objective

For the pre-selection process, by means of an international open call for participation in the form of a sketch qualification (Phase I), the authors are to submit a DIN A2 sketch of their idea, outlining the motivation behind it as well as a competent and creative approach to the task and their overall vision.

A maximum of one plan in DIN A2 format (portrait) is to be submitted. This can feature, for example, clear and meaningful idea sketches, brief written explanations, statements, a storyboard, etc. Photorealistic presentations in the form of renderings are not permitted.

A selection panel will assess the ideas submitted and pre-select around 30 entries. During a subsequent step, these and all other submitted ideas will be presented to the overall jury. This jury will reduce this number to 15 or, alternatively, have the possibility to make justified changes to the pre-selection. The 15 entries chosen by the jury will be admitted to the subsequent urban development and landscape planning competition (Phase II).

Task/Issues

Show us how the hospital site in the middle of the forest can be transformed into a liveable, post-industrial, urban neighbourhood!

Taking into account the characteristic existing buildings – the “Legacy of Modernism” – through which the history of the location is to be visibly and tangibly preserved, the aim here is not only to present ideas on urban design, architecture and open spaces, but also to consider sociological and sociocultural aspects.

Key issues relating to the development of the site include:

- What added value or synergies can the development of the site bring to Sindelfingen, without entering into competition with the city centre?
- What kind of response must tomorrow’s neighbourhoods give to the challenges relating to mobility, ecology and the economy?
- What form can the transformation process take?
- How can re-purposing and extension of the existing ensemble succeed, while at the same time preserving the visibility of the “Legacy of Modernism”?
- How can social diversity and active inclusion in neighbourhood life be safeguarded?
- How must the neighbourhood’s open areas be designed and integrated so as to enter into a dialogue with the surrounding forest?
- How can the site become a part of the municipal area, and what does a successful connection to the city centre look like?
- Which qualities and prerequisites are needed to create a feeling of home and a sense of identity in the neighbourhood?

Show us your stance on the site and your vision for it!

The procedure will be conducted in German. Applications to participate can be submitted in German.

Selection panel

The selection panel is composed of the following independent experts and representatives of the awarding authority and the IBA’27:

Dr. Corinna Clemens, Deputy Mayor for Building and Construction, City of Sindelfingen

Andreas Hofer, architect, Director and general manager of IBA StadtRegion Stuttgart

Wolfgang Riehle, architect and urban planner, Reutlingen

Dr. Eckart Rosenberger, architect and urban planner, Fellbach
Prof. Dr. Christina Simon-Philipp, architect and urban planner, HfT Stuttgart
Elke Ukas, landscape architect, Karlsruhe
Georgios Tsomidis, Wohnstätten Sindelfingen
Michael Paak, Director of the Department of Urban Development and Geoinformation, City of Sindelfingen
Barbara Brakenhoff, architect and urban planner, Sindelfingen/Leipzig
A representative of every faction/ group

Jury

Expert jurors (10) – eligible to vote

Dr. Corinna Clemens, Deputy Mayor for Building and Construction, City of Sindelfingen
Dea Ecker, architect, Heidelberg, member of the architectural advisory board, City of Sindelfingen
Patrick Gmür, architect, Zurich
Andreas Hofer, architect, Director of the IBA'27
Prof. Dr. Iva Kovacic, architect, Vienna
Prof. Dita Leyh, architect and urban planner, Stuttgart, member of the architectural advisory board, City of Sindelfingen
Wolfgang Riehle, architect and urban planner, Reutlingen
Dr. Eckart Rosenberger, architect and urban planner, Fellbach
Prof. Dr. Christina Simon-Philipp, architect and urban planner, Stuttgart
Elke Ukas, landscape architect, Karlsruhe

Expert jurors (5) – reserve

Michael Paak, Director of the Department of Urban Development and Geoinformation, City of Sindelfingen
Barbara Brakenhoff, architect and urban planner, Sindelfingen/Leipzig
Carolin von Lintig, landscape architect, Reutlingen
Ute Wißmann-Schulze, Director of the Building Management Department, City of Sindelfingen
Ralf Bültge-Bohla, acting Director of the Green Spaces and Environment Department, City of Sindelfingen

Stakeholder jurors (9) – eligible to vote

Dr. Bernd Vöhringer, Mayor, City of Sindelfingen
Walter Arnold, CDU faction
Maika Stahl, CDU faction
Uli Hensinger, Bündnis 90/Die Grünen faction
Sabine Kober, Bündnis 90/Die Grünen faction
Dr. Dorothee Kadauke, Freie Wähler faction
Axel Finkelburg, SPD faction
Ursula Merz, Die Linke group
Dr. Andreas Beyer, FDP faction

Stakeholder jurors (9) – reserve

Christian Gangl, First Deputy Mayor, City of Sindelfingen
Steffen Vietz, CDU faction
Günter Niebel, CDU faction
Simone Müller-Roth, Bündnis 90/Die Grünen faction
Helmut Hofmann, Bündnis 90/Die Grünen faction

Ulrich Röhm, Freie Wähler faction
Sabine Duffner, SPD faction
Richard Pitterle, Die Linke group
Andreas Knapp, FDP faction

Specialist consultants (11+) – non-voting members

Dr. Frank Gericke, Modus Consult, Karlsruhe (mobility consultant)
Dr. Karl Peter Hoffmann, Stadtwerke Sindelfingen (energy consultant)
Georgios Tsomidis, Wohnstätten Sindelfingen (housing consultant, neighbourhood management)
Michael Hartmann, Head of building management and technical infrastructure, Sindelfingen Hospital
Felix Rapp, Wirtschaftsförderung Sindelfingen GmbH (Sindelfingen Economic Development Office)
Dr. Alexandra Zürn, Residents' representative (determined by drawing lots)
Hans Peter Herrmann, Residents' representative (determined by drawing lots, reserve)
NN, Chair of Youth Council
NN, Member of Youth Council (reserve)
NN, Representative of the GHV, Gewerbe- und Handelsverein Sindelfingen e.V. (Sindelfingen trade and commerce association)
NN, Representative of the GHV, Gewerbe- und Handelsverein Sindelfingen e.V. (Sindelfingen trade and commerce association) (reserve)
All members of the local council who are not stakeholder jurors

Exhibition of ideas selected

The ideas selected will be exhibited for one week in the "Aktionsraum/Schaufenster" space. Suggestions from the public may be submitted digitally or on paper during the exhibition accompanying the project. These will be collated as part of a workshop and are included in an appendix to the call for entries.

Further information

is available via the following links:

About the City of Sindelfingen

www.sindelfingen.de

About the IBA Project "Sindelfingen Hospital Area Conversion"

www.sindelfingen.de/start/Stadtentwicklung+Gestaltung/iba-projekt.de

About the IBA'27

www.iba27.de

Eligibility to participate & composition of teams

Participation in the sketch qualification (Phase I) is open to **urban planners** and **architects**; collaboration with a **landscape architect** is mandatory.

Calling in the support of further specialists, for example from the fields of traffic planning, sustainability, sociology, the creative sector, etc., is also encouraged. Registration is not required; the timely submission of the documents is taken as confirmation of participation as well as acceptance of the rules for taking part.

Admission to the urban development and landscape planning competition (Phase II) requires the formation of work groups or planning teams made up of **urban planners and/or architects plus landscape architects**.

The involvement of a sociologist or an expert in neighbourhood management is desirable.

If their professional title is not regulated by law in the applicant's home country, the professional requirements are met by anyone who holds a university degree, examination certificate or other evidence of qualification whose recognition corresponds to Directive 2005/36/EC (Directive on the Recognition of Professional Qualifications).

Documents to be submitted

Each participant may submit only one entry with the required components.

1. A maximum of one plan in DIN A2 format (portrait) (pdf)

Idea sketch + brief written explanation/statement of the implementation of the vision described.
(as an unencrypted zip file to be named with the code and the suffix "Idee" (idea))

2. Author's declaration (pdf)

This is to be completed in accordance with Appendix 04 and submitted digitally as an unencrypted zip file. The file name must comprise the reference number and the suffix "Verfasser" (author). When submitting the work, participants must state in the author's declaration their address, collaborators, expert advisers and specialist planners, partnerships and working groups as well as authorised representatives. Each author is responsible for checking their eligibility to participate and for providing proof of eligibility by means of a copy of their professional qualifications.

3. Anonymity and labelling of the documents submitted

All parts of the work to be submitted must be labelled with a reference number in the top right-hand corner comprising six different Arabic numerals (1 cm high, 6 cm wide). With the exception of Appendix 04 (Author's declaration) the documents must not contain any references to the project authors. The number and format of the plan are binding. It is not permissible to submit several plans or attachments.

The components must be submitted as follows:

Participants must upload their entry (via the following link/max. 60 MB!) at the latest by the deadline indicated below.

To preserve anonymity, 2 unencrypted zip files must be uploaded. Each file name must include the same six-digit reference number (six freely selectable Arabic numerals, not the current date):

File 1 (name: KENNZAHL-Idee.zip)

DIN A2 idea sheet, pdf, with a resolution of 300 dpi (in relation to the original size).

File 2 (name: KENNZAHL- Verfasser.zip)

Author's declaration including copy of proof of eligibility (pdf)

This will not be opened until after the selection panel has made its decision!

Adjudication criteria

The selection panel will examine the ideas submitted with regard to the following criteria:

- creativity and degree of innovation of the idea
- clarity and conciseness of the ideas
- presentation of the main focal points described in the vision
- feasibility for development and future-proof nature of the ideas

These criteria are in no particular order in terms of weighting.

Awards

The 15 participants selected to take part in the urban development and landscape planning competition (Phase II) will each receive a payment of **EUR 4,000** (plus statutory VAT).

Dates & deadlines (Phase I)

Announcement of qualification procedure	02 August 2023
Participants' questions	by 09 August 2023 to be submitted in writing to sanwald@sanwaldstraub.de written reply will be posted by 11 August 2023 at the latest on the competition supervisor's website (see link below)
Submission of ideas	11 September 2023, 4pm <u>Submissions in digital form only.</u> (see link below)
Selection of ideas	20 September 2023, 9am
Notification	21 September 2023 (Participants that qualify for the competition will be notified via e-mail.)
Binding confirmation of participation	by 25 September 2023 via e-mail by noon
Exhibition of the 15 ideas selected	27 September – 06 October 2023
Processing period "Urban Development and Landscape Planning Competition" (Phase II)	9 October – 21 December 2023 (Processing time: 11 weeks)

Appendices: Qualification Procedure (Phase I)

- Appendix 01 Site plan of development area with overview of existing buildings and their use
- Appendix 02 Qualities for IBA'27 proposals and projects
- Appendix 03 Aerial photograph/photographs
- Appendix 04 Author's declaration

The appendices/ written reply of Participants' questions will be available for download using the following link:

www.sanwaldstraub.de/konversion-kkh-sindelfingen

Preview – Urban Development and Landscape Planning Competition (Phase II)

Competition components

The following competition components are planned:

1. Figure-ground plan on a scale of 1:2500
2. Overview of urban development concept on a scale of 1:1000
(including surrounding structures and green infrastructure plan)
3. Site plan on a scale of 1:500
4. Site sections on a scale of 1:500
5. Detailed view of a characteristic area including images of standard floors on a scale of 1:500
6. Perspectives/concept sketches
7. Explanatory report
8. Model on a scale of 1:1000
9. Documents for preliminary assessment

The plan format of DIN A0 (portrait) must be used. The number of plans is limited to 4.

It is envisaged that the jury will consider the following criteria when assessing and judging the competition entries:

- overarching idea, address formation
- quality of urban development and landscape planning
- contribution of the neighbourhood to the city as a whole
- conceptual approach: climate neutrality and adaptation to climate change
- open space concept, amenity value, integration of “landmark” water tower
- circulation concept (municipal and neighbourhood context), links/connections to surrounding area
- variety of housing and mixed use, social quality and identity creation
- handling of existing structures (“Legacy of Modernism”)
- creation of rational construction sites/plots (“parcelling”) for subsequent development
- approach to sociological/sociocultural organisation of the neighbourhood
- ideas for interim use during the construction period

These criteria are in no particular order in terms of weighting.

Competition supervision and preliminary assessment

sanwaldstraub ARCHITEKTEN

Partnerschaft mbB

Ringstraße 134

70839 Gerlingen, Germany

sanwald@sanwaldstraub.de

Further advisers or preliminary assessors may be appointed.

Awards

The awarding authority will make available competition prize money totalling 150,000 euros (net). The sum comprises a **processing fee of 60,000 euros (4,000 euros/participant)** and prize money to the value of 90,000 euros.

The following prizes will be awarded:

1st Prize (40%)	€36,000
2nd Prize (25%)	€22,500
3rd Prize (15%)	€13,500
Distinctions (20%)	€18,000

Prizes plus statutory VAT.

The jury can unanimously decide to change the distribution of the prize money and the number of prizes.

Further development

The awarding authority will commission one of the prize-winners (work group/planning team) with revision of the competition result in terms of the urban and landscape design (= framework plan pursuant to "Sheet 51" of the AKBW (Baden-Württemberg Chamber of Architects)) and also with the compilation of a design handbook.

In the event of their being commissioned by the awarding authority, competition participants commit to taking up and carrying out further development and in the course of revision of the competition results to engage with the community and key local figures in the form of a dialogue (e.g. presentation of competition result, response to questions, recording of information for further development).

In the event of further development, services already rendered by the participant as part of the competition, substantial parts of which remain unaltered, will not be remunerated again.

Furthermore, the awarding authority will work towards the examination of opportunities for further development within the scope of other planned construction projects and planning of open spaces (by the landscape architects involved) depending on the design and the subsequent development process.