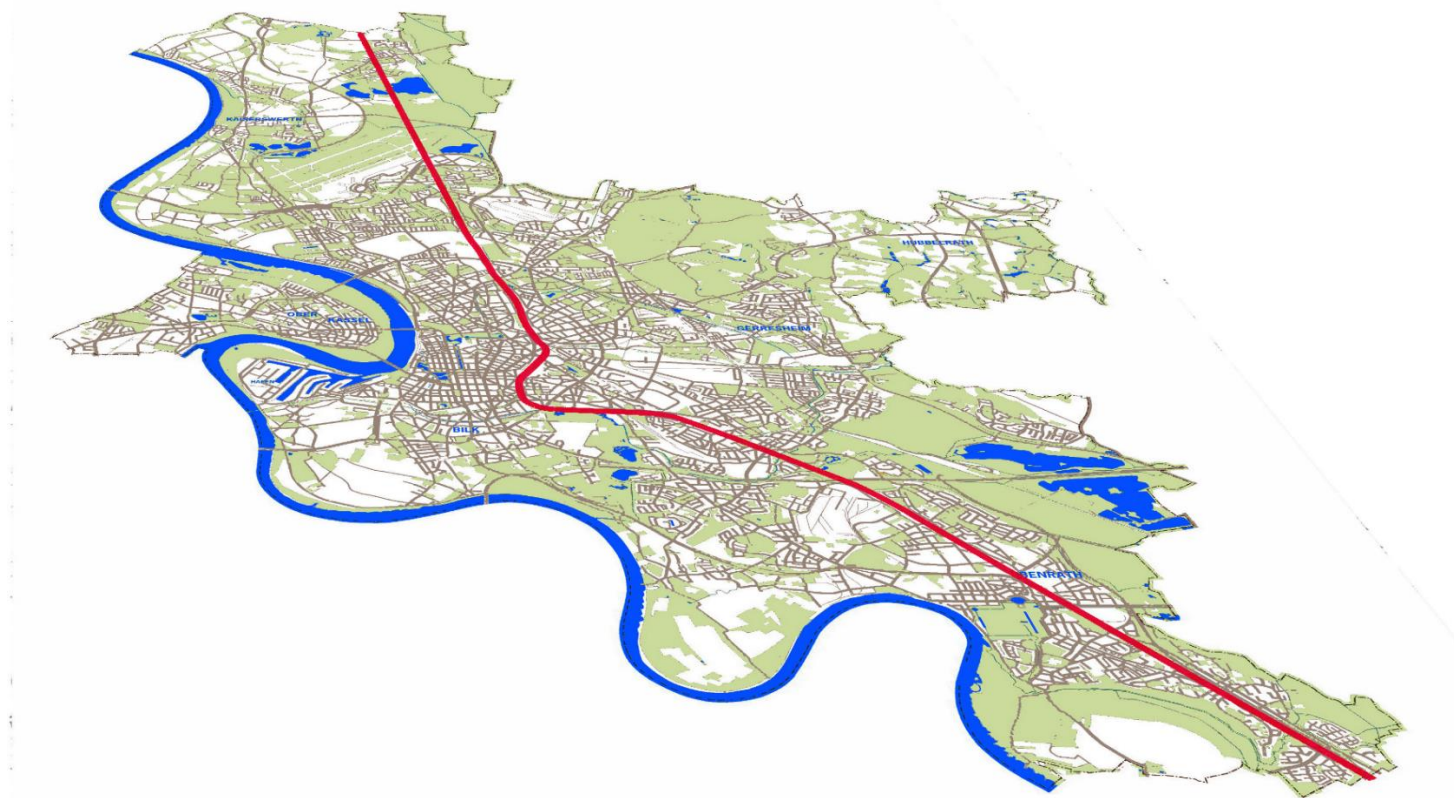


Interdisciplinary concept competition for the integration of noise protection into the urban space of Düsseldorf in the context of the infrastructure expansion for the Rhine-Ruhr-Express

- *Project information for pre-qualification process* -



Status as of 12 April 2022

Image rights for all pictures, unless otherwise specified:
Kunstkommission Düsseldorf
Front image © Thomas Stricker

OCCASION AND OBJECTIVE 5

1 PROCEDURE 6

1.1	Kunstkommission Düsseldorf	6
1.2	Awarding authorities	6
1.4	Type of competition procedure	6
1.5	Conditions of the competition	7
1.6	Eligibility	7
1.7	Selection committee, jury, experts and preliminary review	8
1.8	Competition amount	11
1.9	Author's declaration	11
1.10	Competition documents	11
1.11	Prequalification – Required reference services for the preceding application procedure	12
1.12	Required competitive performance	12
1.13	Submission of analogue and digital data	14
1.14	Consultation colloquium	14
1.15	Submission of designs for the competition	14
1.16	Assessment criteria	15
1.17	Further processing	15
1.18	Ownership, publication, copyright, liability with regard to the submitted competition works	16
1.19	Announcement of results and competition exhibition	17
1.20	Overview of deadlines	17

2 COMPETITION TASK - short version - 19

2.1	Framework conditions	19
2.2	Competition Task	20
2.3	Objectives	20

ANNEX (forms for prequalification)



Düsseldorf, Bilk

© Thomas Neumann

OCCASION AND OBJECTIVE

With the Rhine-Ruhr Express (RRX) project, DB Netz AG is implementing one of the most important rail infrastructure projects in North Rhine-Westphalia in order to upgrade regional transport on the core route of the Ruhr region and the central Rhineland from Dortmund via Essen, Duisburg and Düsseldorf to Cologne by increasing both the frequency of service and the transport capacity. As a result, the RRX brings major transport benefits to the city of Düsseldorf.

On the one hand, the necessary infrastructure expansion is in the public interest, but on the other hand it also generates a large number of affected entities in the Düsseldorf urban area. Particularly in the area of the additional tracks required for the RRX route, there is a legal obligation to ensure active noise protection to a considerable extent. In addition, route widening, extensions of underpasses and the restriction of sight lines to platforms are the result. In comparison to the other cities on the RRX route network with a large investment volume, Düsseldorf is the city where the most construction work is being implemented.

The planned construction of new noise barriers, usually 4 - 5 m height, covering a total area of about 125,000 square metres over a length of more than 25 km within the densely populated urban area of the state capital Düsseldorf, as well as the above-mentioned measures are, in addition to the major improvements in noise protection, both a challenge in terms of urban planning and design. At the same time, there are opportunities for innovative, aesthetically pleasing and ecologically forward-looking solutions that can develop into a lighthouse project for Düsseldorf. For this complex task, an experienced, interdisciplinary thinking and

working team from the fields of art, urban planning, architecture, engineering, ecology and research must be found based on a design competition. In addition to the required noise protection, its contributions are expected to take equal account of the factors of architecture/form/aesthetics, ecology and urban space policy – while paying regard to hazard-free railway operation.

The goal is to develop an innovative and visionary design idea which is meaningful and functional for the entire city, which is accepted and supported by large parts of the urban society, which is representative of sustainability and climate neutrality and at the same time develops supra-regional appeal, allowing for transformation into a both feasible and financially viable concept in a timely manner after the planning approval decisions.

The overall concept is to be presented based on three specific focal areas, which are an elevated suburban railway station, an area in the open in an embankment location, and at another location in level terrain of free choice.

1 PROCEDURE

1.1 Kunstkommission Düsseldorf

The council of the state capital has installed the *Kunstkommission* (art commission), the majority of which is composed of experts in the field of art, to safeguard artistic quality and to facilitate a new planning culture and active participation of art in public discourse. Based on an ever-changing concept of art, fundamentally all art, genres and methods are accepted for new creations of art in construction and in the public space that reflect the city's state and the change processes within the city.

1.2 Awarding authorities

The competition is organised by the City of Düsseldorf, represented by the Commission for Art in Public Spaces of the City of Düsseldorf, and the building contractor DB Netz AG.

1.3 Coordination and implementation of the competition

The coordination and implementation is carried out by ISR Innovative Stadt- und Raumplanung GmbH
Friedrich-Ebert-Straße 8
D-40210 Düsseldorf
+ 49 (0) 211 / 936545242
www.isr-planung.de
Contact: Claudia Dick

in cooperation with the office of the Kunstkommission Düsseldorf, represented by:
Nicolas Grosch
Kulturdezernat (Dept. of Culture)
Geschäftsstelle der Kunstkommission

Zollhof 13
D-402221 Düsseldorf
Email: kunstkommission@duesseldorf.de
Tel. +49 (0) 211 / 89-24161

1.4 Type of competition procedure

The competition is an interdisciplinary, non-open, single-phase ideas competition for teams of artists, architects, urban and landscape planners and civil engineers, as well as other disciplines freely chosen by the teams (e.g. biologists, industrial designers, ecologists) with a preliminary open prequalification.

The intention is to have up to 13 teams participate in the competition. Of these, up to 6 teams will be invited by the awarding authorities. The other teams will be selected on the basis of a pre-qualification process.

The following are scheduled as invited participants:

- Arno Brandlhuber, Architecture, Berlin
- DSRNY, Architecture, New York
- Studio Olafur Eliasson, Artist, Berlin
- Ayşe Erkmen, Artist, Berlin/Istanbul - *requested* -
- Till Krause / Ulrike Heidelberg, Galerie für Landschaftskunst, Hamburg
- Prof. Ingo Vetter / Kayle Brandon, Hochschule für Künste Bremen

The procedure is based on the guideline for design competitions (RPW 2013).

In order to develop suitable designs, the organisers consider it imperative that participants work together in interdisciplinary teams (see Eligibility). The invited participants choose their team partners themselves. The fulfilment of their eligibility is checked in advance.

The call for entries is published in German as well as English. The governing language of the competition will be German.

1.5 Conditions of the competition

By participating in/contributing to the competition, each participant, judge, expert, preliminary reviewer and guest agrees to the terms and conditions. Statements of any nature regarding content and process during the term of the procedure including publication of the results must only be made through the awarding authorities.

By participating in/contributing to the competition, participants, judges, experts and preliminary reviewers consent to the recording of personally identifiable information in connection with the aforementioned competition by the awarding authorities in the form of computer files. Upon conclusion of the competition, this data will be erased upon request (by means of a note on the authorship declaration or an informal note in writing).

1.6 Eligibility

Eligible are interdisciplinary teams consisting of

1. Artists and
2. Architects and/or urban planners and/or landscape architects and

3. Civil engineers as consultants

In addition, it is desired that the teams avail themselves of strengthening by other disciplines, such as biologists, industrial designers, ecologists, lighting designers.

The documents to be submitted for participation in the prequalification are listed under item 1.12. and in the forms “References for prequalification”.

Teams are required to name each member in the Team Composition Declaration and designate one member as the lead (see form). Multiple participation of individual members in different working groups are not permitted.

Each team must submit only one design.

Eligible are

- as an artist, natural persons who provide proof of their professional ability on the basis of their curriculum vitae (also see Form 2.4.2.)
- as an architect, urban planner, engineer or landscape architect, natural persons residing in the approved area who, on the day of the announcement, are entitled to use the professional title of urban planner / landscape architect / architect and are a member of a Chamber of Architects in Germany or are entitled to use the professional title of urban planner or landscape architect or architect according to Sec. 2 (7) BauKaG NRW (foreign urban planners / landscape architects / architects) and have their place of business / residence in the area covered by the EEA Agreement or in another third country,

provided that said country is also a member of the WTO General Agreement on Trade in Services, or are entitled to use the professional title of urban planner / landscape architect / architect according to the law of their respective home country and are resident in one of the aforementioned foreign territorial areas. If the professional title is not regulated by law, the professional requirements are determined by the relevant EC Directive.

- natural persons, if they are entitled to use the above-mentioned professional title under the applicable law of their home country on the day of publication of the competition notice. If the professional title is not regulated by law in the home country, the professional requirements are determined by the relevant EU Directive.
- legal entities, if they meet the following requirements on the day of publication of the competition notice: - the business purpose as defined in the articles of association includes planning services corresponding to the competition task; - the authorised representative of the company and the author of the competition entry meet the professional requirements for natural persons.
- teams of individuals and/or legal entities. In the case of teams, each member must meet the requirements imposed on natural persons or legal entities; this also applies if freelancers are involved.

Persons who were directly involved in the preparation of the competition brief and the announcement of the competition or who could influence the decision of the

jury, as well as all persons involved in the jury procedure and the preliminary examination are excluded from participation.

If more than 7 applications are received in the prequalification procedure, the selection committee will use the criteria set out in Annex 2.6 to make the selection. The references submitted represent the handling of and experience with the tasks and objectives specified in the announcement in accordance with item 2.1 of the announcement on the topics of noise protection, landmark, urban public space, design quality / aesthetics, interdisciplinarity (art, architecture / urban planning / technology), ecology.

1.7 Selection committee, jury, experts and preliminary review

The selection of the participants from the pre-qualification is made by a selection committee with the following persons:

Julia Höner, Kunstkommission
 Thomas Stricker, Artist, Kunstkommission
 Jonas Monka, Kunstkommission
 Morgaine Schäfer, Kunstkommission
 Christine Pautzke, DB Netz AG
 Lukas Schürmann, DB Netz AG
 Simone Hoppmann, Stadtplanungsamt
 Klaus Lorenz, Verkehrsdezernat
 Ulla Lux, Kunsthistorikerin
 Jochen Schuh, Architect

The awarding authorities reserve the right to appoint further

persons to the selection committee.



Düsseldorf, Ellerstraße overpass

© Thomas Neumann

The jury is composed of the following persons (under reserve):

Voting specialist judges

Markus Ambach	Artist/Curator, Düsseldorf
Prof. Andrea Cejka	Landscape Planner, Wien/Rapperswil
Ulrich Genth	Artist, Hamburg
Prof. Dominique Gonzales-Foerster	Artist, Düsseldorf - <i>requested</i>
Prof. Heike Klussmann	Artist, Kassel/Berlin

Jochen Kral	Spatial and Environmental Planner, Düsseldorf
Knut Landgrebe	Engineer, DB Netz AG, Frankfurt a. M.
Andrea Georgi-Tomas	Architect, Darmstadt
Frank Neuhäusel	Engineer, DB Netz AG, Frankfurt a. M.
Prof. (em.) Dr. Franz Pesch	Urban Planner, Dortmund
Dr. Dorothee Stiebel	Physicist, DB Systemtechnik GmbH, München
Susanne Titz	Art Historian, Mönchengladbach
Heike van den Valentyn	Art Historian, Cologne
Vitus Weh	Cultur Manager, Wien/Frankfurt
Oliver Witan	Architect, Darmstadt
Cornelia Zuschke	Planungsdezernentin, Urban Planner, Düsseldorf

Deputy specialist judges

N.N.	Artist,
Stefan Sous	Artist, Düsseldorf
Prof. Pia Stadtbäumer	Artist, Düsseldorf/Hamburg
Dr. Brigitte Kölle	Aesthetics and Art History, Hamburg
Prof. Jörg Aldinger	Architect, Stuttgart
Philipp Schiffer	Architect, Darmstadt
Jan Stöfer	Urban Planner, Düsseldorf
Massimo Fontana	Landscape Planner, Basel
Dr. Felix Hoepner	Urban Planner, Düsseldorf
Jens Müller	Engineer, DB Netz AG, Frankfurt a. M.
Christoph Schrey	Engineer, DB Netz AG, Frankfurt a. M.

Non-cash prize judges authorised to vote

Dr. Stephan Keller	Mayor, CDU
Peter Knäpper	Councillor, SPD
Dr. Veronika Dübgen	FDP
Dr. Alexander Fils	Councillor, CDU
Claudia Gelbke-Mößmer	Councillor, Bündnis 90/DIE GRÜNEN
Clara Gerlach	Councillor, Bündnis 90/DIE GRÜNEN
Dirk Helfert	DB Netz AG
Michael Kolle	DB Netz AG
Katharina Legge	DB Netz AG
Dr. Timo Munzinger	Deutscher Städtetag
N.N.	Board DB AG - <i>requested</i> -
Christian Rütz	Councillor, CDU

Deputy non-cash prize judges

Stephan Boleslawsky	DB Station und Service AG
Bettina Feldhausen	DB Netz AG
Bergit Fleckner-Olbermann	Councillor, SPD
Melanie Krull	DB Netz AG
Hans-Georg Lohe	Head of Department, Stadt Düsseldorf
Werner Lübberink	Deutsche Bahn AG
Mirko Rohloff	Councillor, FDP
Walter Schmidt	Councillor, CDU
Dr. Frank Schulz	Councillor, Bündnis 90/DIE GRÜNEN
Philipp Thämer	Councillor, CDU
Dietmar Wolf	Councillor, Bündnis 90/DIE GRÜNEN

Experts

Andreas Auler, Councillor, Chairman of the KK RRX
Simone Hoppmann, Urban Planning Office

Sandra Katz, DB Netz AG
Manfred Otto, Office for Traffic Management
Jan Paprotny, Deutsche Bahn AG
Johannes Rolfes, Garden, Forest and Cemetery Office
Martin Volkenrath, Councillor, Deputy Chairman of KK RRX
Gerd Wiechers, Environmental Office
N.N., representative of the citizens
(application and drawing of lots)
N.N., representative of citizens
(application and drawing of lots)

The awarding authorities reserve the right to consult other non-voting experts.



Düsseldorf, Wehrhahn S-Bahn station

© Thomas Neumann

Technical pre-examination

Reinhard Busch, crime prevention
 ISR Innovative Stadt- und Raumplanung GmbH
 Nicolas Grosch, director of the Kunstkommission office
 Ralf Köster, DB Netz AG
 Ulla Lux, Aesthetics and Art History
 Peter Moik, StadtLandBahn
 Michael Neudeck, DB Netz AG
 Stefan Niedfeld, DB Netz AG
 Manfred Otto, public space design
 Ursula Ludwig, street planning
 Thomas Stricker, Artist
 Andreas Schmitz, Bridge Construction
 Jochen Schuh, Architect
 Bettina Maas, Environmental Office
 Franziska Kreutzer, Garden, Forest and Cemetery Office

The awarding authorities reserve the right to appoint further pre-examination reviewers.

1.8 Competition amount

A total amount of Euro 293,000 is offered.

Participants will receive a reimbursement for expenses in the amount of Euro 6,000 (incl. VAT) upon providing an invoice if they submit work compliant with the conditions of the competition. The invoice is to be sent to the office mentioned under item 1.3.

In addition, the following prizes will be awarded (gross total):

1 st prize	Euro 100,000
2nd prize	Euro 70,000
3rd prize	Euro 30,000

plus three acknowledgements in the amount of Euro 5,000 gross, each.

The jury reserves to distribute the prize money alternatively.

1.9 Author's declaration

The participants undertake to submit work that was prepared specifically for the competition. With their signature, participants of the competition affirm that they are the intellectual originators of their competition work and that they agree to be commissioned to carry out further work based on the competition announcement and that they are authorised and capable of carrying out the assignment (also see form: Author's declaration).

1.10 Cejka Competition documents

The following documents are part of the competition:

- the call for entries text at hand, the results log of the further enquiry colloquium and the written replies to the further enquiries
- diverse documents (for example: guidelines, laws, regulations, list of approved noise barriers, ...) and planning documents (for example: map material, plans (.dwg), ...)
- a form "Applicant consortium", a form "Prequalification", a form "Cost estimate", a form "Author's declaration", a form "List of submitted documents", a form "Anonymous mail address"

All documents and files are for information purposes and may only be used for the purpose of this competition; reproduction and publication beyond this competition are not permitted.

The documents will be made available for download by the supporting office of ISR at the competitions beginning.

The information provided in the call for entries as well as on and in the planning documents were researched and verified diligently by the inviting authority. However, no liability, guarantee or warranty will be assumed for the completeness, accuracy and currentness of the information made available. The awarding authorities publish the award text.

1.11 Prequalification – Required reference services for the preceding application procedure

The following services shall be submitted for prequalification:

1. Details of the members of the applicant group (team) with designation of the lead member (applicant group form).
2. A proof of technical suitability/professionalism/activity from each mandatory team member (1st to 3rd, in accordance with item 1.6) in accordance with the form References for Prequalification.

Documents must be submitted in digital format via email to wettbewerbe@isr-planung.de to ISR by 31 May 22 by 4:00 PM.

1.12 Required competitive performance

The following services are to be submitted by the participants for the Competition:

1. Explanatory report (max. 3 DIN A4 pages) with explanation of the overriding design idea: Statements on

the artistic and technical conception as well as the urban integration in relation to the site-specific context in the three selected focus areas as well as

- description of the proposed materials, surfaces and design solutions (design principles),
- explanation of the ecological approach with regard to contributing to the climate-neutral metropolis
- statements regarding care requirements, maintenance and protection against vandalism;
- if applicable, description of the existing approvals for noise barriers or the approvals to be applied for the intended installation on DB AG railway lines.

as well as, where applicable, further information decisive for an assessment and realisation of the overall concept.

2. Presentation plans (max. 3 DIN A0 portrait format, paper printout, rolled) with
 - presentation of the overall concept in an urban development overview plan (e.g. scale 1:10,000/25,000) with supplementary sketched concept representations in free form
 - spatial representation of the overall concept as a free-form section (main visualisation)
 - representation of 3 urban development focus areas in free form (e.g. floor plan and sectional view)
 - perspective representations from the urban space of the three focus areas
 - representation of a constructive system section with partial view, height and material details on a scale of 1:50/20, where applicable

3. Working model or material sample or film documentation. Submission optional. Packed, the model or materials should not exceed a size of length + width + height of 1.80 m nor a weight of 5 kg. Film contributions must not exceed a total length of 3 minutes.
4. Main visualisation in digital form: The main visualisation in digital form serves to clearly visualise the design and is used for the preliminary review report and documentation.



Düsseldorf, S-Bahn station Eller Süd

© Thomas Neumann

5. Rough cost estimate modelled after DIN 276 in the first level of detail (form) for the “free section in embankment location” focus area with statements on follow-up costs

(maintenance, care and repair) for an assumed period of 50 years. If necessary, a differentiation within the cost groups is to be made in such a way that the cost information is verifiable in principle.

6. Indication of the estimated time required (max. one page DIN A4)
7. Index of documents submitted (form)
8. All plans, presentations and texts as well as the forms must be submitted in digital form as pdf or jpg files.
9. A signed author's declaration (form).
10. Specification of an anonymous email address for any queries on a DIN A4 sheet (single copy)

For the presentation of the competition entries, three partition walls, each measuring 1.15 m in width x 1.45 m in height will be available. Plans exceeding this format or plans mounted onto panels cannot be hung. A smaller format may be chosen. For the presentation to the jury, the competition plans will be attached using pins and/or adhesive strips. Each participating team may only submit one work without variants.

1.13 Submission of analogue and digital data

- 2 sets of plans, rolled (1 x presentation quality)
- 1 set of plans for the preliminary review in original size (folded to DIN A4)
- 2 sets of plans for the preliminary review (reduced to DIN A3)
- 2 copies of the explanatory report
- 1 copy of all forms and other deliverables
- 1 copy of the list of documents submitted (DIN A4)
- 1 copy of the author's declaration in a separate, sealed envelope with code number

Digital data on a data carrier

- list of documents submitted as a .pdf file
- explanatory report both as .docx and .pdf file
- forms as .pdf files
- all image and presentation files as .jpg files (300 dpi)
- All presentation plans as pdf (pdf additionally reduced to DIN A3)
- All plans as dwg files

1.14 Consultation colloquium

In calendar week 36 there will be individual site visits and two guided tours with explanations at selected sites for the competition participants.

These offers serve as a topical introduction as well as to provide explanations regarding the call for entries documents and give participants the opportunity to ask initial questions. Written queries can be submitted by email to the ISR office at wettbewerbe@isr-planung.de by 16 Sep 2022. The relevant chapters/subclauses of the call for entries to which the

enquiries are related must be specified.

A kick-off colloquium will be held as an online video conference on 29 Sep 2022. Participation in the colloquium is strongly advised.

The answers are collected, grouped if necessary and answered in the colloquium. Minutes of the colloquium will be taken and made available to all participants.

1.15 Submission of designs for the competition

Competition entries must be submitted by 31st January 2023 (see 1.20). In case of personal delivery to the office in charge of the competition, this must be done no later than 4:00 p.m. of the aforementioned day.

The competition work must be submitted with a list of the submitted documents to the address indicated below, while preserving the anonymity of the participant:

ISR Innovative Stadt- und Raumplanung GmbH
Keyword „RRX“
Friedrich-Ebert-Strasse 8
D-40210 Düsseldorf

No submission of competition works to the ISR headquarters in Haan!

In the case of delivery to the post office, railway or other transport company, the time of delivery is the date indicated on the delivery bill, irrespective of the time; in the case of delivery to the competition supervisor, the time indicated on the confirmation of receipt.

In order to maintain anonymity, the address of the competition supervisor must be used as the sender when sending the entries by post, rail and other transport companies.

In addition, the submissions (with the exception of the author's declaration) are to be transmitted anonymously via download link to wettbewerbe@isr-planung.de until the submission deadline, while maintaining anonymity.

Since the date stamp on the shipment may show a later date, the posting receipt is authoritative. A copy of this document, with the identification number, must be sent anonymously in a separate, sealed envelope immediately after the competition entry. Irrespective of this, the original of the submission receipt must be retained until the conclusion of the procedure and submitted upon request.

If an author whose work has been awarded a prize is unable to provide this proof, they will be excluded from the award retroactively.

1.16 Assessment criteria

There will be a preliminary review of the competition submissions; the preliminary review body will present the submissions to the jury and explain them. The final and binding assessment of the works submitted is reserved for the jury.

The assessment criteria result from the assignment at hand and the target requirements of the competition organisers

outlined in the call for entries. The assessment criteria are:

- Artistic quality of the design idea and the guiding principle
- Quality of the overall concept in terms of open space planning
- Urban integration
- Innovative, visionary approach
- Contribution to a climate-neutral city
- Technical feasibility, functionality and existing approvals (to ensure “safety of railway operations”)
- Reasonableness of the costs/follow-up costs
- Vandalism
- Environmental compatibility
- Robustness in use

The jury reserves the right to supplement, differentiate and weigh the specified criteria for the assessment of the works submitted.

1.17 Further processing

Following the design competition, the awarding authorities intend to commission further services on the basis of the award-winning concepts and with the participation of the prize winners. DB will be responsible for the further pursuit of measures that directly affect the design of the noise barriers, while the city of Düsseldorf will be responsible for all supplementary urban planning measures.

The intended commissioning by DB Netz AG is to cover concrete proposals for a design of the noise barriers in the entire scope of the competition, i.e., also for the areas that

are not explicitly dealt with in the competition procedure. If DB Netz AG requests that the design and implementation planning for the noise barriers, which has already been ordered or still is to be ordered, be accompanied in terms of artistic design, the order may also refer to this. In particular, the technical planning contents of the planning approval documents are to be considered as set.

The intended municipal commissioning covers all necessary activities for the realisation of the artistic design, taking into account the planning status of DB-AG.

The intended assignments by DB and the city will take place within the above-mentioned framework, provided that the RRX construction project is realised and that there are no important reasons for not doing so.

If necessary, the designs are to be adapted in accordance with the recommendations and revision instructions of the jury or the technical requirements and changed framework conditions.

1.18 Ownership, publication, copyright, liability with regard to the submitted competition works

All documents and models submitted shall become the property of the awarding authority (LHD: urban construction environment, DB: noise barriers). The awarding authority has the right to publish the submitted designs of the competition participants free of charge in their own analogue and digital publication media, stating the name of the team(s) of authors and the year of creation, and to use them for the intended purpose. The right of first publication lies with the awarding

authority. The copyright remains with the authors.

The authors and their legal successors shall permit changes within the limitations of Sec. 14 of the Copyright Act. This applies to the competition work as well as the realised work. Before any significant change is made to the realised work, the authors shall be heard. Suggestions made by the authors shall be taken into account unless, in the opinion of the awarding authority, there are economic, functional or design-related concerns conflicting with them, which must be communicated.

The authors of the design must ensure that no third-party rights of ownership are violated. In the event of damage to or loss of competition designs, the organisers shall only be liable for the costs of repairing or replacing the damaged or lost documents if they have failed to exercise the diligence that they are accustomed to exercising in their own affairs.



Düsseldorf, North

© Thomas Neumann

1.19 Announcement of results and competition exhibition

The result of the competition will be communicated to all participants via phone or email in a timely manner once the jury has made its decision. The results log of the jury meeting will be sent to all participants in the competition by email after the political decisions have been made. The public will be informed about the results via the press as well as the homepages of the Kunstkommission and of the DB-AG.

All approved works will be documented and published. All submitted works will be publicly displayed in an exhibition upon conclusion of the competition. The exhibition date will be communicated to the participants in the design

competition and to the public in a timely manner.

1.20 Overview of deadlines

Time	Topic
10 Mar 22	Council decision
12 Apr 22	Call for pre-qualification
31 May 22	End of application period
16 Aug 22	Selection participants
26 Aug 22	Dispatch of the invitation to tender and plan documents
CW 36	Individual site visits and offer of 2 guided tours with explanations at select sites for competition participants
16 Sep 22	Deadline for submission of queries - collected during site visit or submitted in writing
27 Sep 22	Guided site visit and preliminary discussion by the jury (full-day event in presence)
29 Sep 22	Kick-off colloquium (digital event) with participation of select members of the jury
31 Jan 23; 16h00	Submission deadline
28 Feb 23	Technical preliminary examination report
CW 10	Jury meeting
Late 06/23	Political resolutions

Coordination of status of planning, contracts with result art competition until the end of 2023

Expected 2026	earliest realisation period DB Netz AG
------------------	--



Chongqing has a special traffic planning © picture alliance



2 COMPETITION TASK - short version -

2.1 Framework conditions

In the state of North Rhine-Westphalia (NRW), the introduction of a new rail transport product is planned under the title “Rhine-Ruhr Express” (RRX). The core route for the RRX is the Cologne – Düsseldorf – Duisburg – Essen – Bochum – Dortmund. The Düsseldorf area is divided into five planning approval sections (PFA, s. above).

Planned noise protection measures

The planned noise protection measures were determined in the course of the approval planning by independent, external experts on the basis of the applicable laws and regulations.

25 kilometres of new noise barriers are to be erected along the route which runs directly through the Düsseldorf city area. The route runs along the first settlement bodies, through the open landscape into the city, past industrial and small commercial

construction areas, high-quality office buildings, intensively used open spaces and green areas, neighbourhood sports grounds and children’s playgrounds, and, above all, along densely located heterogeneously built residential neighbourhoods with thousands of immediate residents. As a result, the uses along the route are constantly changing, and at the same time also the impacts which must be addressed by different noise protection measures accordingly.

Nine S-Bahn stations are also affected, most of which are currently predominantly visible from the outside due to their location and are therefore at least visually linked to their surroundings.

Furthermore, the image that rail passengers will get of Düsseldorf will be completely different in the future. It will then be characterised by the new noise barriers, making them the

new exterior view of the city and an experience that will sometimes be perceived at high speed and sometimes at slow speed. There will be an interplay of wall sections and views into the cityscape. The noise barriers would separate S-Bahn stations from the urban space, although the latter serve as links and are expected to be clearly perceptible as such.

2.2 Competition Task

Art in the public space

Why don't we consider for a moment the planned 25 kilometres of noise barrier across Düsseldorf as what will soon be the world's largest "social sculpture", entirely in the sense of an expanded understanding of art according to Joseph Beuys, which pursues the claim to have a formative effect on society and to mediate as an interdisciplinary language between nature, technology and man? To this end, it is worth taking a look at developments in art in the public space.

In this context, one used to speak of clearly defined areas such as monuments on streets and squares or "art on buildings", today the entire public space is available for art – as an ephemeral monument, temporary exhibition, participatory project, or urban intervention. In addition, there is the type of "context-related work" or "site-specific art", which also takes into account the urban, historical and social environment of the respective location as conditional and work factors of art.

Artists participate in interdisciplinary teams to design spaces, plazas, landscapes, or subway stations. Cities want to represent with works of art, to counteract the desolation of urban space, to give it attractiveness, to create meaning and cultural identity,

certainly also in the sense of promoting city marketing and cultural tourism.

2.3 Objectives

On the basis of these considerations, goals can be formulated that give the project a clear direction and that are suitable for preparing a design competition in a well thought-out and efficient manner.

We are looking for innovative, visionary and quickly realisable concepts and models for the inner-city integration or compensation of noise reduction measures for the city of Düsseldorf.

In addition to the necessary immission protection, it is expected to also impress the urban community as an aesthetically convincing, style-forming and identity-creating landmark and increase the quality of life.

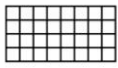
Technical, artistic and urban planning ideas and impulses are to be discussed, harmonised and jointly developed on an equal footing.

A balance is to be sought between consistent, aesthetically strong, impressive form elements and site-specific, individual solutions.

Basic ecological approaches must be a central element of the concepts: Existing vegetation or new vegetation to be created as natural, noise-reducing, CO₂-binding elements; sustainable development and long-term safeguarding of the cultural landscape, including biodiversity; noise protection as a potential on the way to a climate-neutral metropolis.

The development of perspective urban planning alternative models that can become lighthouse projects is expected to be sought.

Cooperation with innovative companies and universities that develop new approaches in the field of transport and the environment is an option; the Düsseldorf RRX section could serve as a model route.



ANNEX

2.4 Forms

- Applicant consortium form
- References for prequalification form

Explanatory notes regarding the "References for prequalification form"

Separate forms must be completed for each obligating partner of the applicant consortium.

Form **2.4.2** is to be completed for the team partner with the specialist discipline **"Artist"**.

Required credentials for artists:

- Reference projects with comparable tasks

or

- 1 letter of motivation and 1 reference on the topic of "dealing with public space" (if no suitable references are available)

In addition, the following must be submitted with the application for participation:

- Proof of professionalism via curriculum vitae with proof of training and/or list of exhibitions on max. 1 page in DIN A4 format

Form **2.4.3** is to be completed for the team partner with the specialist discipline **"architect / landscape architect / urban planner"**.

Required references for architects / landscape architects / urban planners:

- 2 comparable reference projects in terms of type and scope

In addition, the following must be submitted with the application for participation:

- Proof of entitlement to use the professional title in accordance with item 1.6 of the competition rules "Entitlement to Participate"

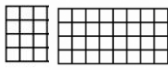
Form **2.4.4** is to be completed for the team partner with the specialist discipline **"Civil Engineer"**.

Required references for civil engineers:

- A reference project comparable in terms of type and scope

In addition, the following must be submitted with the application for participation:

- Proof of entitlement to use the professional title in accordance with item 1.6 of the competition rules "Entitlement to participate", e.g., registration in the Chamber of Civil Engineers



2.4.1 Form Applicant Consortium

Name of the lead participant / office / consortium

Participant / Office / working-
group:

Last name, first name:

Job Title:

Street, house number:

Postal code, place, country:

Telephone (landline and **mobile**):

Email address:

Place, date, signature:

other authors

Last name, first name:

Job Title:

Street, house number:

Postal code, place, country:

Place, date, signature:

Last name, first name:

Job Title:

Street, house number:

Postal code, place, country:

Place, date, signature:

Last name, first name:

Job Title:

Street, house number:

Postal code, place, country:

Place, date, signature:

Consultant 1

(Persons who are predominantly and permanently engaged in their special field and do not provide planning services in accordance with the competition task)

Name, Address,

Job Title

Consultant 2

Name, Address

Job Title

Consultant 3

Name, Address

Job title

Add additional participants or consultants on the back of the page, if necessary

2.4.2 Form References for Prequalification for **Artists**

For each reference service cited by the applicant, the following must be submitted with the application for participation:

- a completed form References for Prequalification for Artists
- a pictorial or photographic representation of the reference on max. 1 page in DIN A3 landscape format

Additional documents will not be evaluated.

Name of the applicant:	
Short description of the reference service/reference project	
Client (AG) of the reference service (name, address), as well as point of contact with telephone and email address	
Brief description of the reference project, size and location of the planning area, description of special planning requirements, explanation of the design principles and, if applicable, the utilisation concept	
Period of performance of the services	

2.4.3 Form References for Prequalification for **Architects / Landscape Architects / Urban Planners**

For each reference service cited by the applicant, the following must be submitted with the application for participation:

- a completed form References for Prequalification for Architects / Landscape Architects / Urban Planners
- pictorial or photographic representation of the reference on max. 1 page in DIN A3 landscape format

Applications from young offices are welcomed. In order to fulfil the participation requirements, the awarding authorities recommend the addition of experienced team partners, if necessary.

Additional documents will not be evaluated.

Name of the applicant:	
Short description of the reference service/reference project	
Client (AG) of the reference service (name, address), as well as point of contact with telephone and email address	
Brief description of the reference project, size and location of the planning area, description of special planning requirements, explanation of the design principles and the utilisation concept	
Description of the contractually agreed upon services	
Period of performance of the contractually agreed upon services	

2.4.4 Form References for Prequalification for Civil Engineers

The following must be submitted with the application for participation for the reference service specified by the applicant:

- a completed form References for Prequalification for Civil Engineers
- a representation and explanation of the reference on max. 1 page in DIN A 3 landscape format

Additional documents will not be evaluated.

Name of the applicant:	
Short description of the reference service/reference project	
Client (AG) of the reference service (name, address), as well as point of contact with telephone and email address	
Brief description of the reference project, size and location of the planning area, description of special planning requirements, explanation of the design principles and the utilisation concept	
Description of the contractually agreed upon services	
Period of performance of the contractually agreed upon services	