

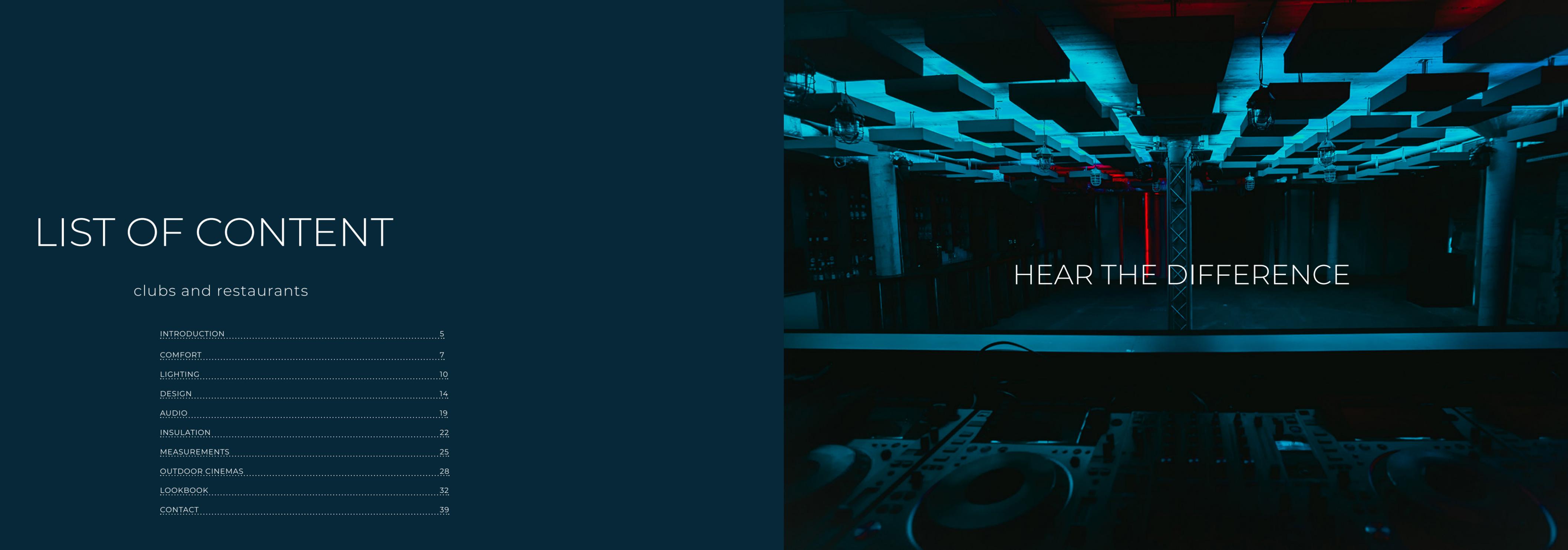


CLUBS AND RESTAURANTS

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clubs and restaurants

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HEAR THE DIFFERENCE

# ABOUT US

11 years experience in acoustics

Nyquista Acoustic Design is a team of people who share a common passion for acoustics and modern design. We are a leading manufacturer of acoustic materials in Poland. We design, measure, produce and distribute acoustic panels and mats. In the 10 years of our activity we have developed and put into mass production over 500 products for insulation and acoustic adjustment, and we have completed over 1000 projects.

TRUSTED US:





# COMFORT

We will help you design a comfortable interior.

Nyquista Acoustic Design is a team of people who share a common passion for acoustics and modern design. We are a leading manufacturer of acoustic materials in Poland. We design, measure, produce and distribute acoustic panels and mats. In the 10 years of our activity we have developed and put into mass production over 500 products for insulation and acoustic adjustment and completed over 1000 projects.

Only our imagination limits us in the design of acoustics.

Since Nyquist's beginnings in 2011, we have wanted our acoustic panels to combine superior acoustic properties with a unique design. Unusual acoustic projects are our specialty. We have our own machine park equipped with the most modern CNC machines, thanks to which we can implement even the most complex projects.



# DESIGN PROCESS

Planing and transparency of action

## Stage I

### Collecting information

1. Inventory of the facility and environmental survey
2. Determining the needs and potential threats
3. Facility analysis in terms of acoustics
4. Performing acoustic measurements

## Stage II

### Data analysis

1. Analysis of measurements and collected data
2. Creating acoustic simulations
3. Assessment of the possibilities of improving the acoustic conditions
4. Development of the initial concept
5. Consultations with architects and designers from other industries



## Stage III

### Design

1. Adaptation of acoustic and building materials
2. Optimizing the project in terms of effectiveness and cost
3. Creating a 3D visualization of rooms
4. Development of technical documentation
5. Preparation of an investment cost estimate

## Etap IV

### Implementation

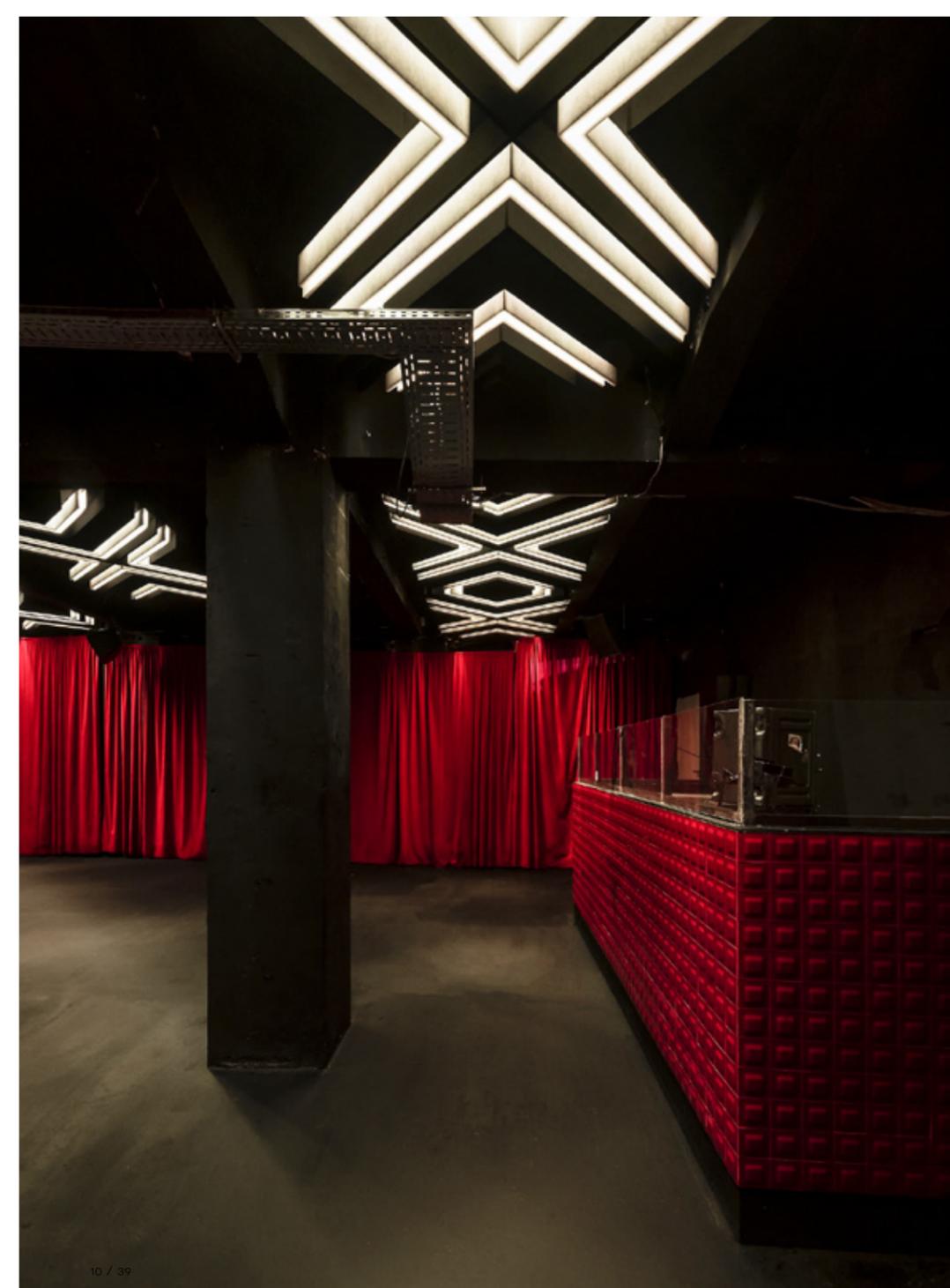
1. Creating a work schedule
2. Production and preparation of acoustic panels
3. Execution of works and supervision over the implementation
4. As-built acoustic measurements

# LIGHTING

## Club lighting

Creates the atmosphere. Inspires. In our projects, we are looking for unconventional solutions. We take care of every detail. Club lighting that pulses to the beat of the music? Calibrated lights, adapted to the circumstances and events. Or perhaps a light ambience that helps concentration? It's all in unique acoustic concepts. Let us enlighten you.



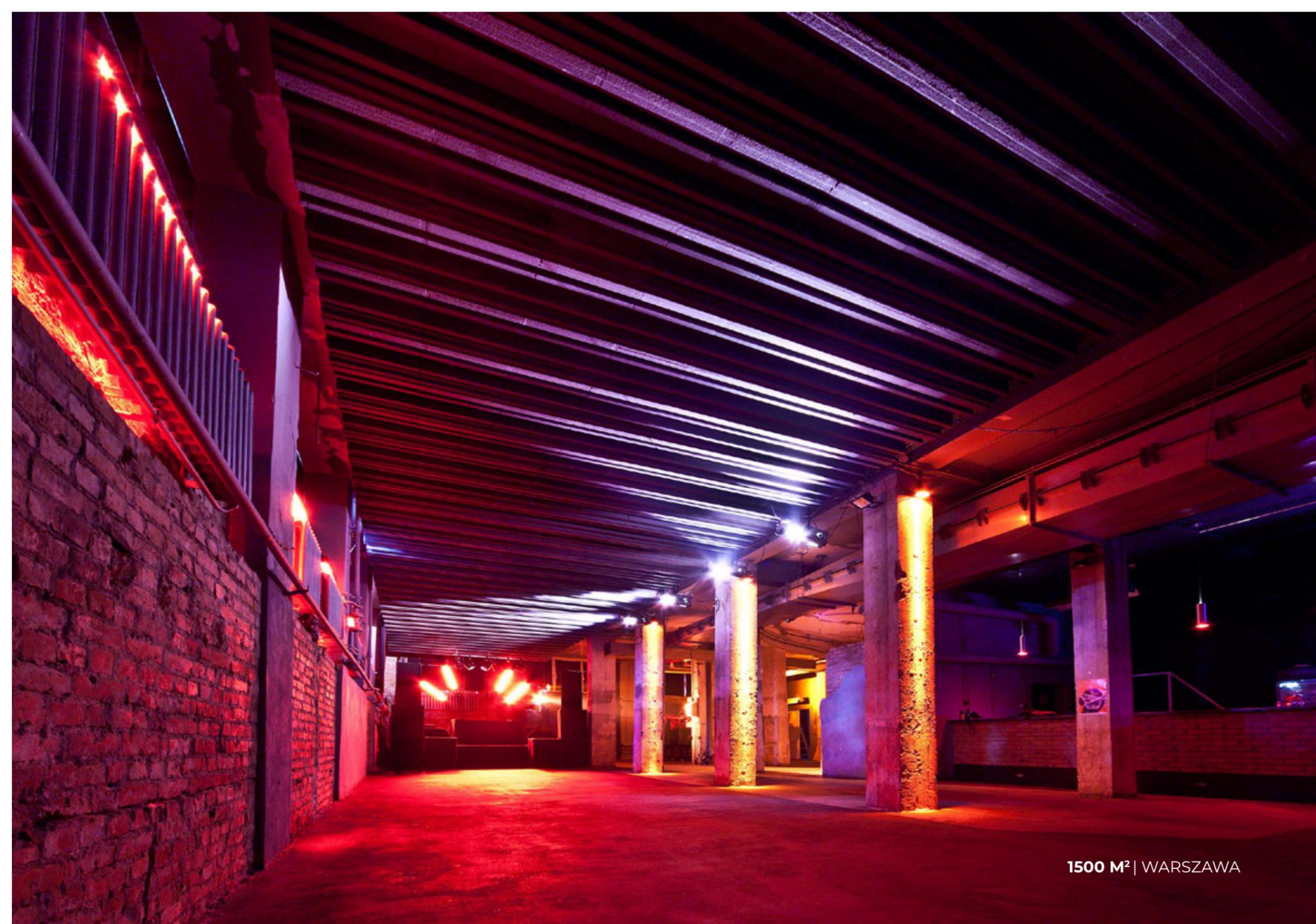


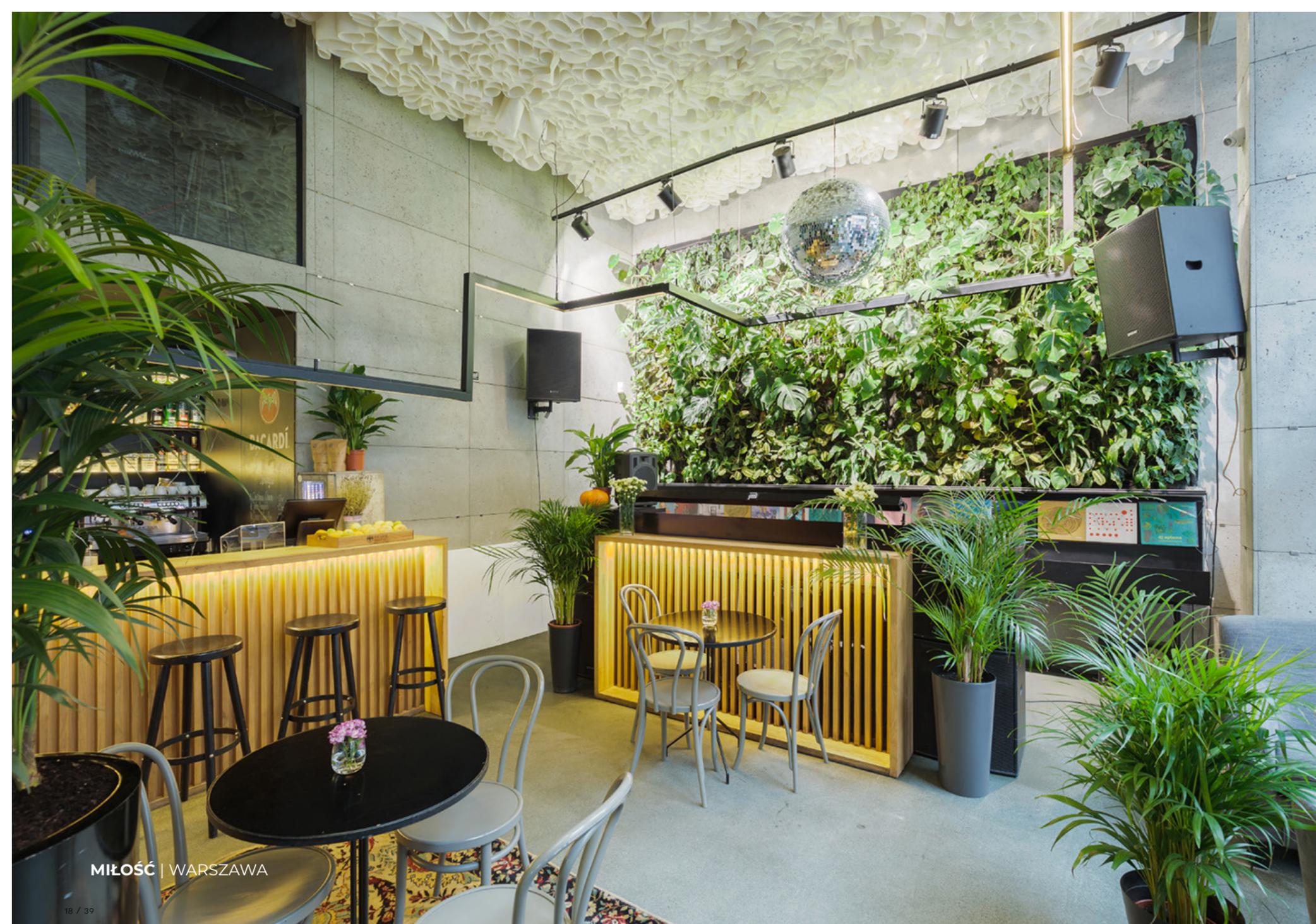
# DESIGN

Unique design and friendly acoustics. These things have never been more important to design.

Whether you run a club, restaurant, or cafe, we can set up the space in terms of acoustics, interior design, and sound system. Forget the neighbors complaining about noise, guests having to yell at each other, or concerts where poor sound and room acoustics ruin the performance of the best artists. We will help you design the interior in your style and according to the principles of good sound.







# AUDIO

A sound that will surprise you

The design of the sound system is closely related to the acoustics of the interior. The appropriate audio system, its arrangement and tuning determine the attractiveness of a particular room. Meanwhile, the electro-acoustic project is often carried out by people who have nothing to do with the industry. That is why our team consists of both acoustic and sound specialists. Based on acoustic simulations and measurements, we design comprehensive audio-video installations with cabling and control. With us, you can be sure that you will receive a sound plan tailored to your facility.



WELES | WARSZAWA



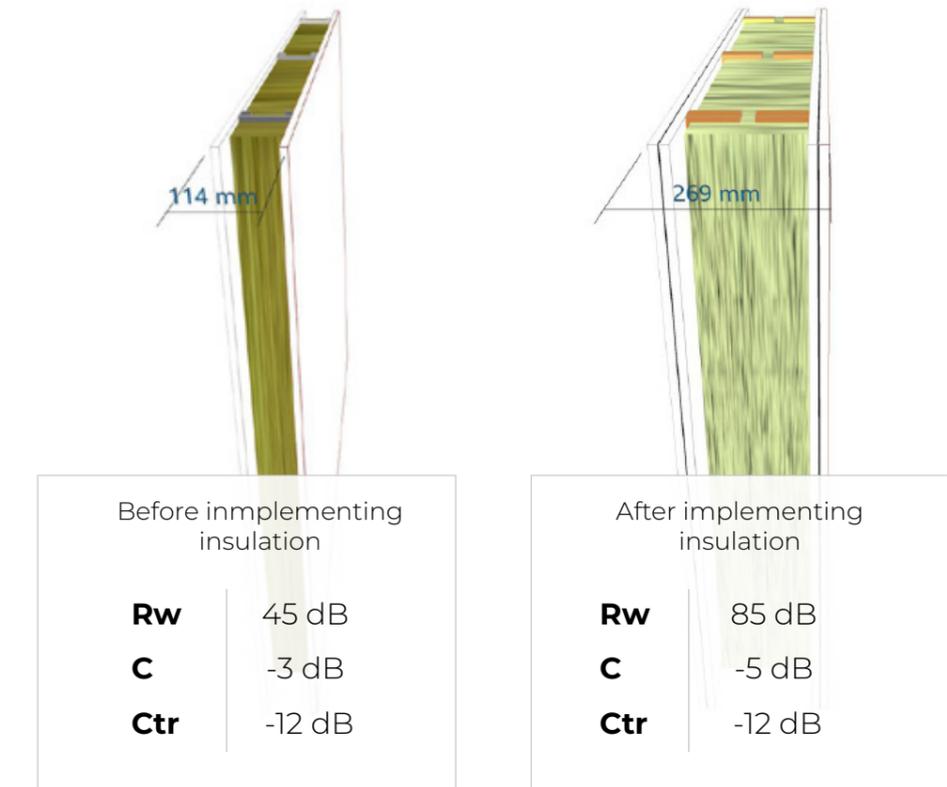
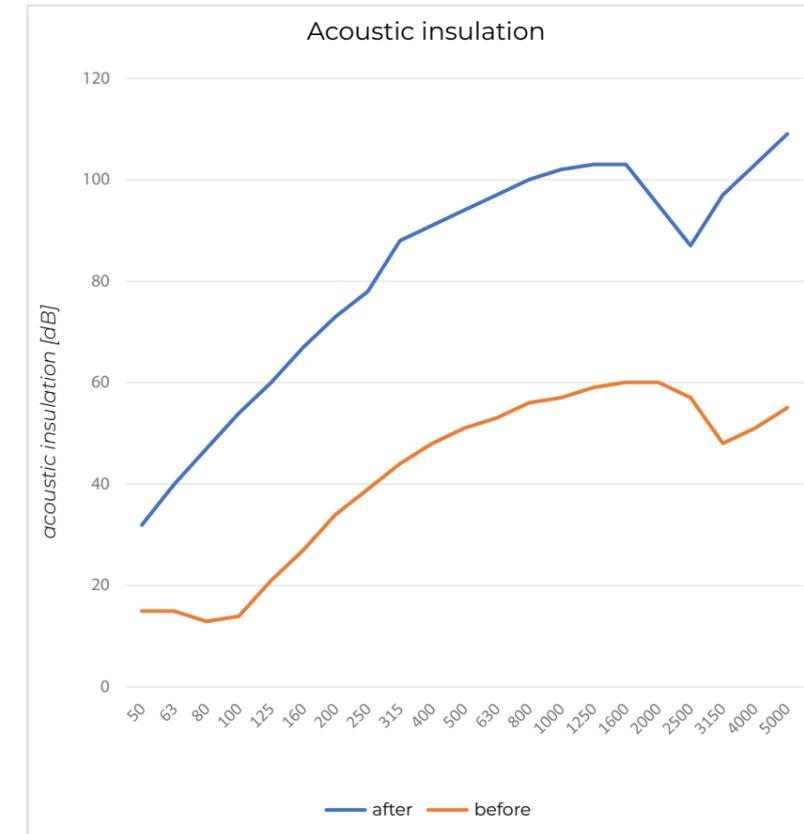
DEKADA | WARSZAWA

# INSULATION

## Effectiveness of the planned solutions

Any solid construction starts with the foundation. In our case, it is the acoustic insulation. In our projects, we focus on finding the most effective solution at the lowest possible cost. If the desired solution does not exist on the market, we develop it ourselves. For many years we have been designing and manufacturing advanced soundproofing systems tailored to the individual needs of a particular investment. All this to transform the space that surrounds us and provide the highest acoustic comfort.





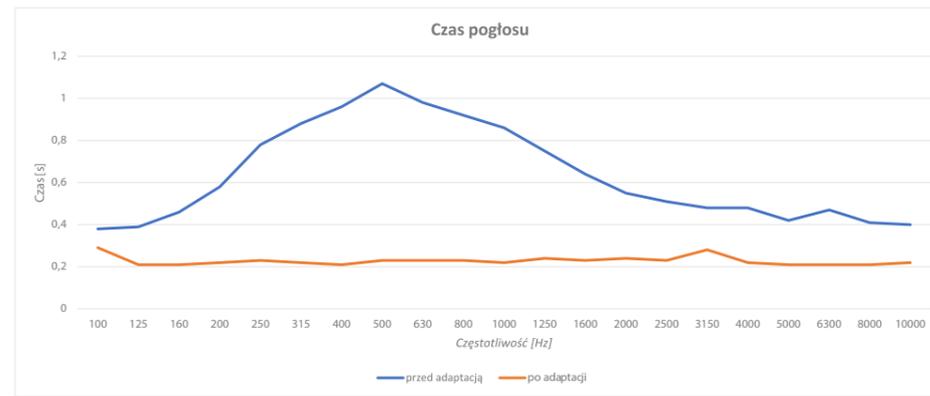
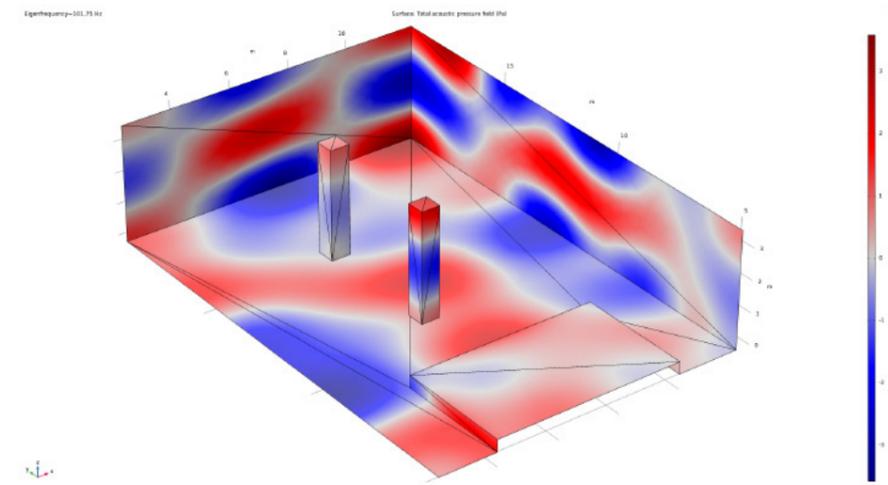
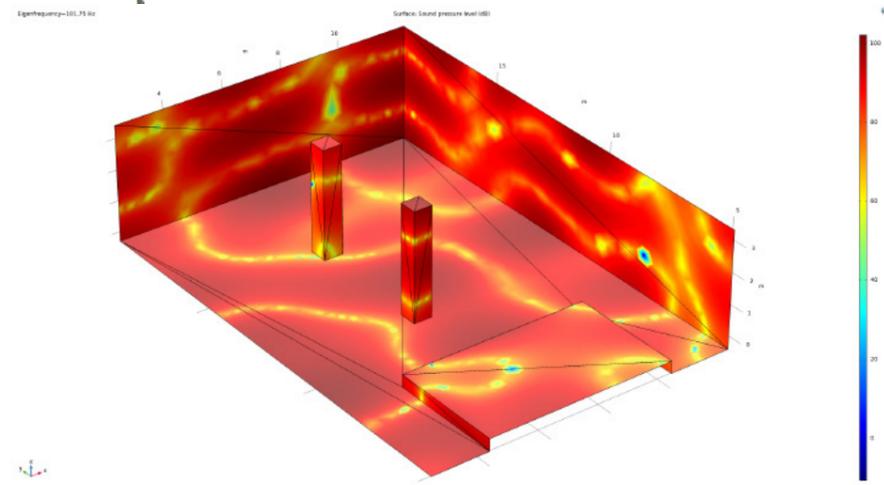


# MEASUREMENTS

The starting point for a good design.

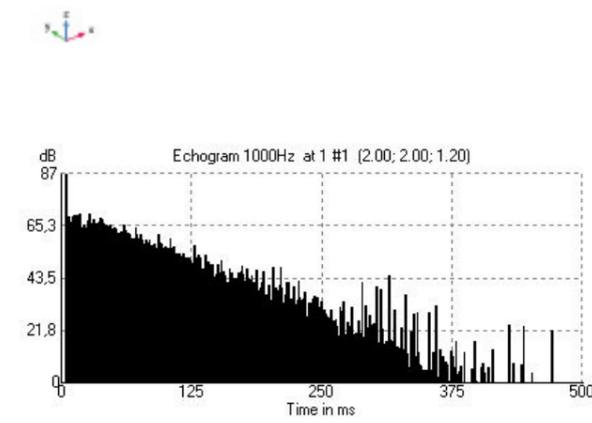
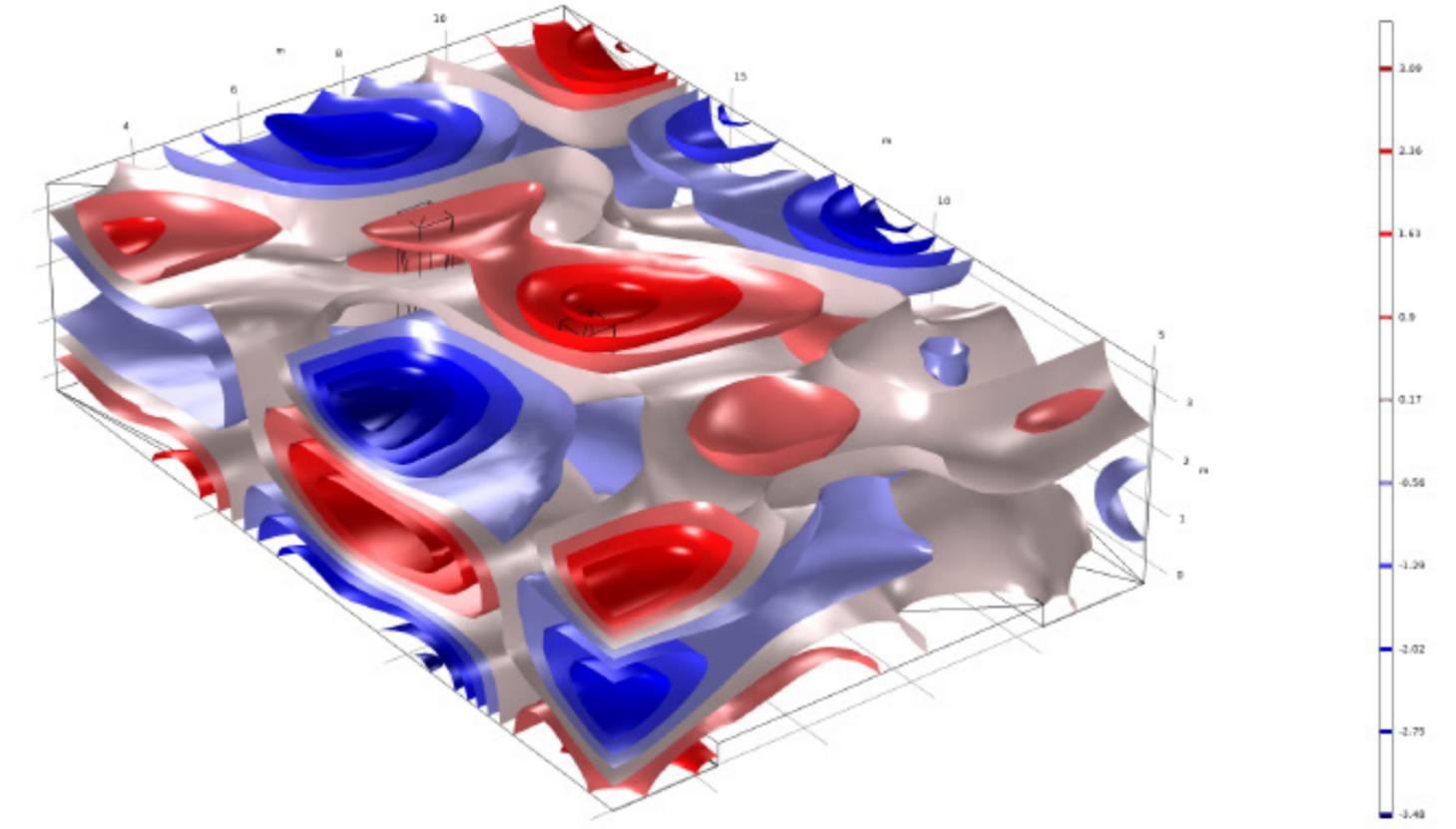
We perform acoustic measurements in accordance with accredited methodology, applicable PN and ISO standards, and legal requirements. For this purpose, we use certified measuring equipment of the highest class 1. With us, you have the guarantee that the acoustic measurements were performed by an authorized body and in accordance with all requirements.

# ACOUSTIC SIMULATIONS



## Guarantee of the effectiveness of the planned solutions

We perform computer simulations that allow us to assess the acoustics of the rooms, the planned sound system and the insulation of the partition walls before the building is erected. We also deal with noise modeling in the external environment. We determine the noise level values for individual floors of the facade and create acoustic maps. There is no universal program for acoustic simulations, so we use many advanced programs such as: AFMG EASE, CATT-Acoustic, SONarchitect, Insul, SoundPLAN, etc.



## Visualization and auralization

By creating a 3D acoustic model of a room, we give acoustic properties (sound absorption and dispersion coefficient) to surfaces and objects. Thanks to ray tracing technology, we can determine acoustic parameters such as reverberation time, sound clarity, speech intelligibility or sound pressure level. By determining the impulse response of a room, we can hear what a particular interior sounds like before it is created.

# OUTDOOR CINEMA

Invite your guests to the screening.

Outdoor events are not only a great way to spend a summer evening with friends, but also an ideal way to promote your brand or city. When organizing open-air cinemas, we offer rental, purchase and installation of equipment, including projectors with high brightness, large-format screens that can withstand weather conditions, or professional headsets that invite you to dream. Our team will advise you on proven solutions, taking into account the planned number of participants, weather, organizational possibilities and the budget of the event.





KINO PERŁA | KATOWICE



KINO PERŁA

KINO PERŁA | KRAKÓW



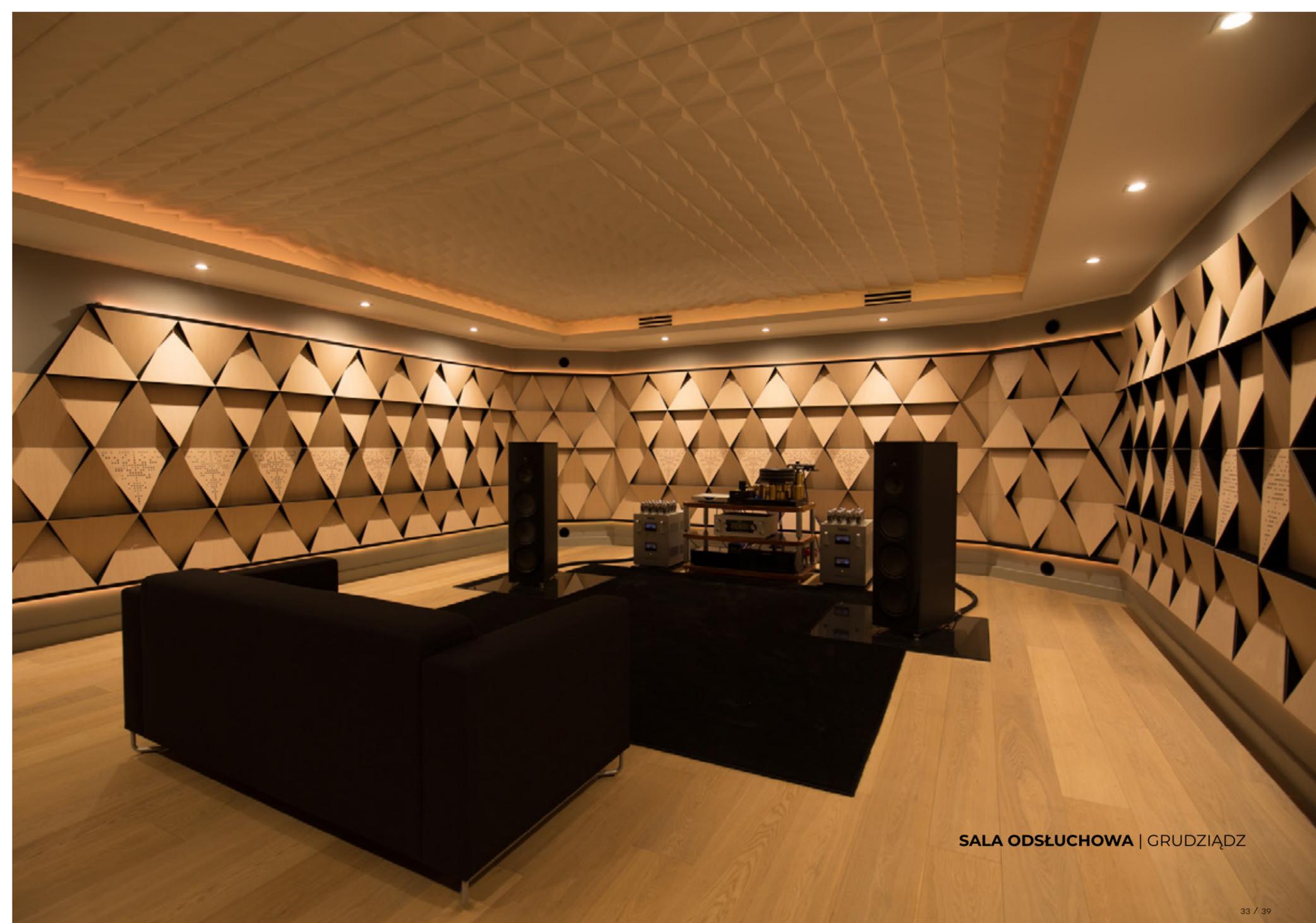
KINO PERŁA | BYDGOSZCZ

KINO PERŁA | WARSZAWA

# LOOKBOOK

We inspire in the field of acoustic design.

Every Nyquist acoustic project is unique - whether it's a recording studio, music club, theater, or restaurant. We design projects that stand out for their unique design and excellent acoustics. We have always helped architects and investors create an effective acoustic fit that is also an integral part of interior design.



SALA ODSŁUCHOWA | GRUDZIĄDZ



ZMIANA TEMATU | WARSZAWA

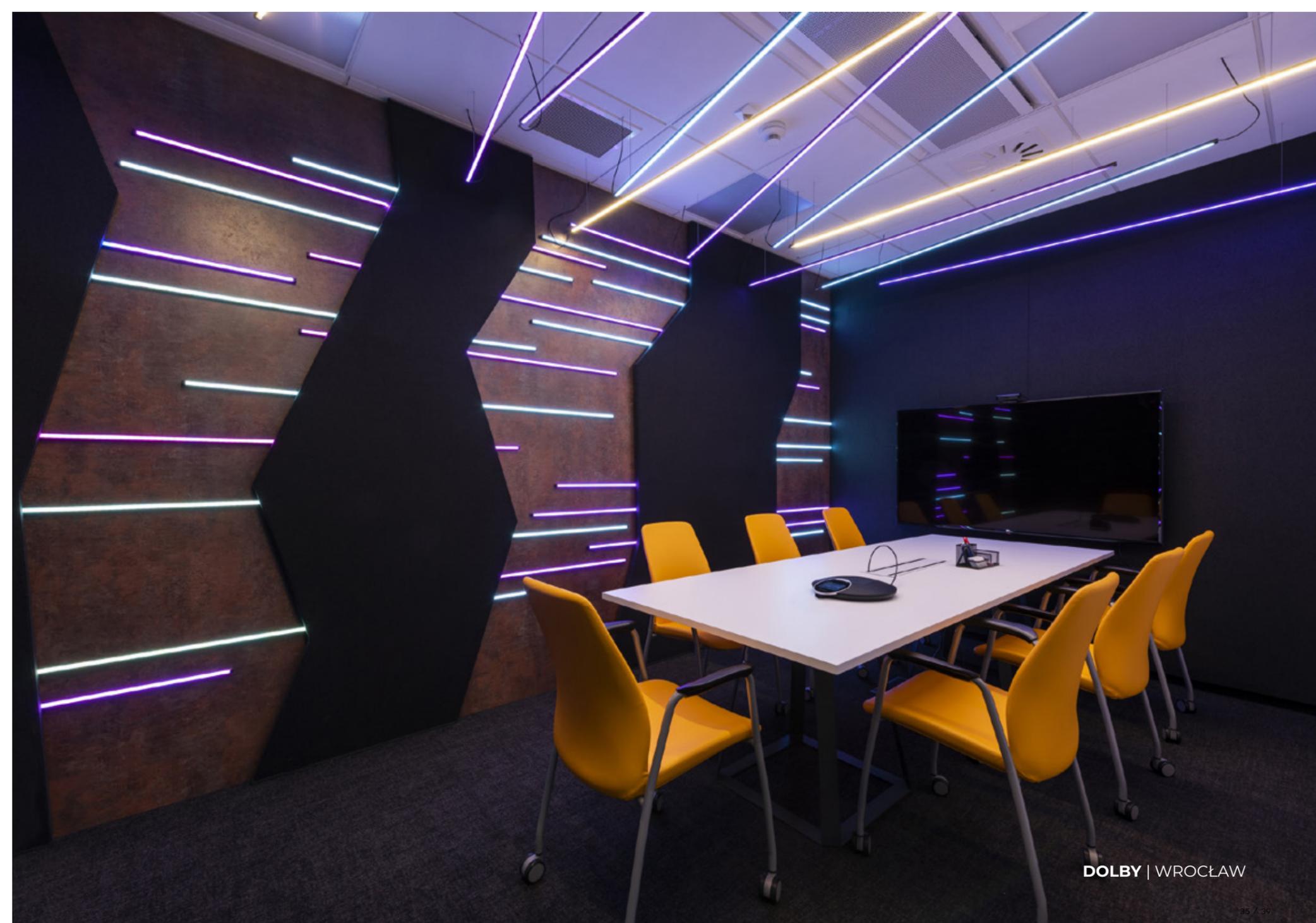


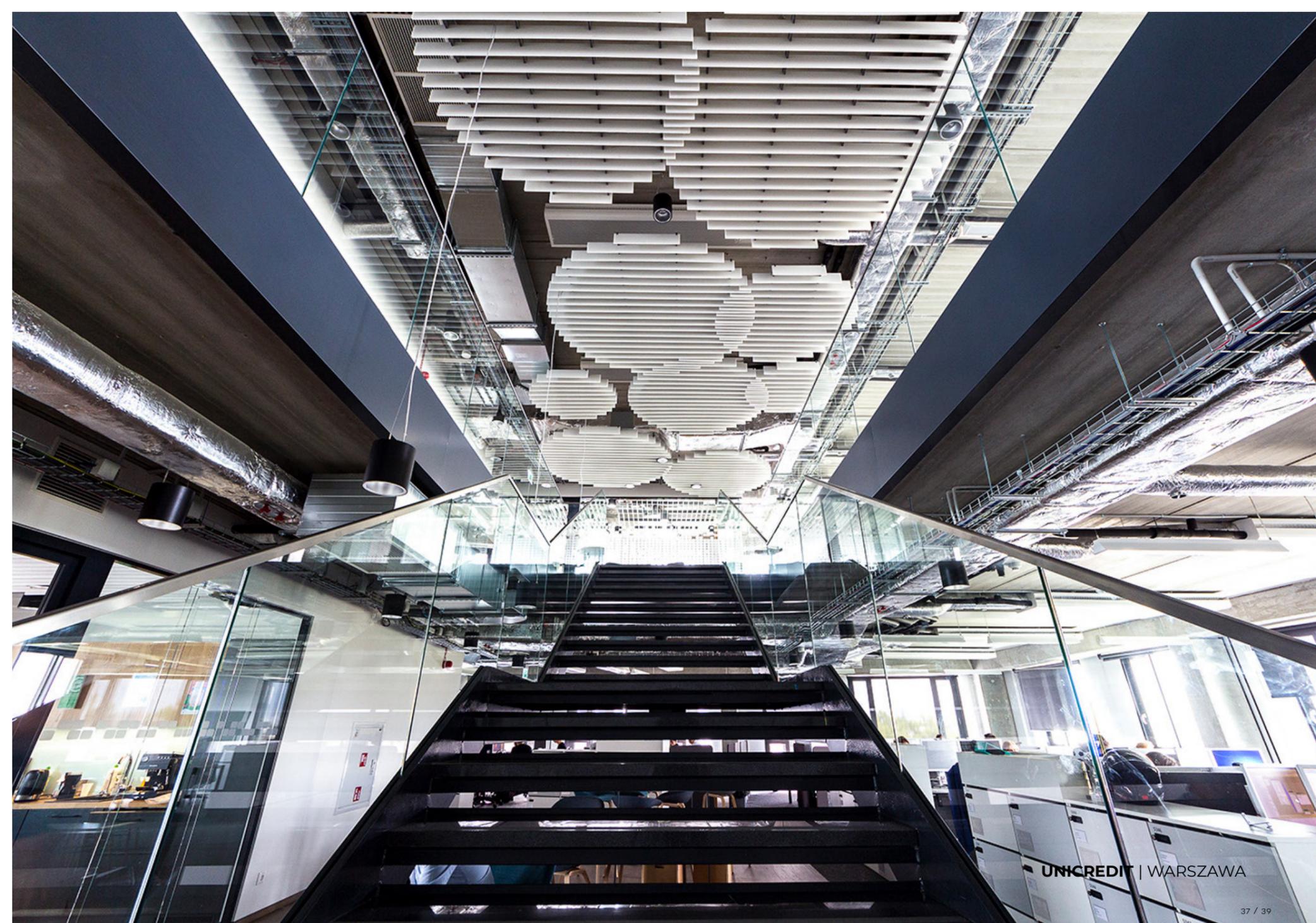
NA LATO | WARSZAWA



SHOWCASE | WARSZAWA







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