



# Fundacja Precyzja

video mapping 3D  
Interactive installations  
live visualization  
combining art with science



2017





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## Precyzja Foundation

The Foundation was established by a group of artists to carry out complex projects in the field of new media art. Our aim is to promote all activities in the field of culture and art, reaching from innovative work to the widest possible audience.

Since 2009 the foundation supports local and national cultural and artistic events. We have completed number of creative projects representing Poland on the international stage.

We invite you to familiarize yourself with our potfolio of projects.

## Meet the board members



### Jakub Hader

Visual experience designer from Rzeszów and founder of Precyzja group. He works in the field of generative art and video mapping, experimenting with many forms media.



### dr Radosław Rudnicki

Lead sound designer and composer, focused on multidisciplinary projects. In his work he combines art and science and showcases his pieces worldwide.



### Patrycja Ochała

Sculpturer and graphic designer. Patrycja makes hardware objects for our installations and helps with conceptual aspects of the projects.

Our team has a wide range of skills and expertise. We curate and promote number of artists involved in our multidisciplinary projects, linking emerging and established artists with our clients. WRO Art Center recommended Precyzja to be a part of the Polish Art Tomorrow, as one of the most interesting Polish artists.

**<http://www.precyzja.org/fundacja-precyzja/>**



*„Any sufficiently advanced technology  
is indistinguishable from magic.”  
Arthur C. Clarke*

## Video mapping 3D

In short, it's changing ordinary objects into something completely new using light, projections and animation. Large-format projection gives the opportunity to present history, select and highlight important elements of the objects and it is a way of short-term interference in what is plain and bleak.

Our projections are always custom-made, and each animation carefully prepared, to surprise with non-existent illusion of space. Each show has original; soundtrack and sound design is composed from the ground up. Due to its artistic and unique character 3D mapping is an excellent alternative to traditional performances.



## Duszyni-Zdrój - history

Mapping has been displayed on City Hall, presenting key facts associated with the region and history of the city. On the photo a historical facade of the building at a time when the city textile industry flourished.



## 650 years of city Jasło

The projection for the City Hall of Jasło presented during celebration of 650 years city rights anniversary. The facade of the building changed into important city objects interspersed with futuristic time machine.



## Interactive BLOCK

Interactive mapping on the Museum of Bedtime Cartoons in Rzeszów. Participants using their hand movements discovered piece by piece mysterious spaces of the building in search for elements of eastern culture.

All the presented materials are available in the form of a video on the foundation channel.

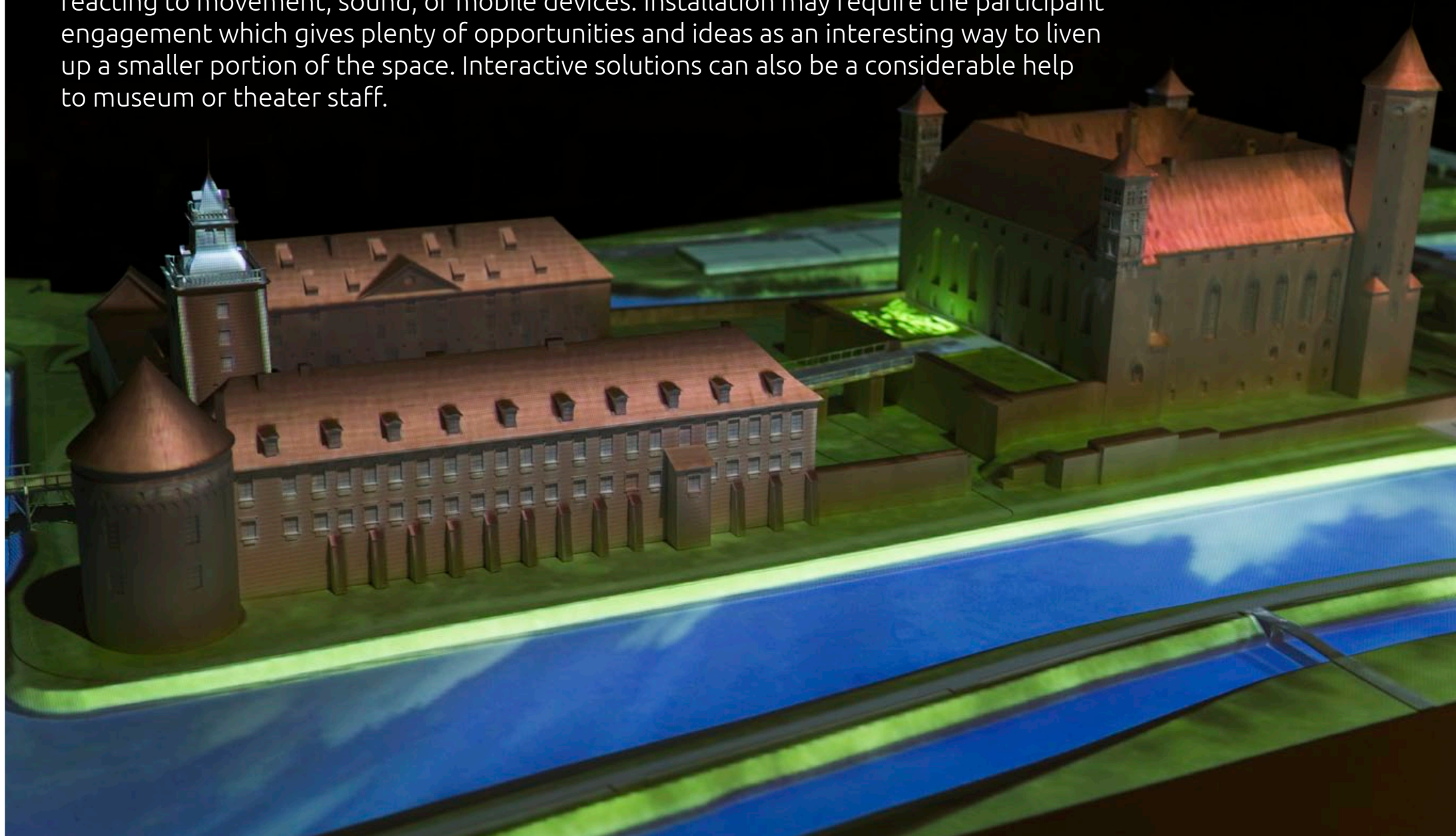


<https://www.youtube.com/c/PrecyzjaOrg>



# Interactive installations

Our work is the result of interactive programming. Visualisations are generated in real time, reacting to movement, sound, or mobile devices. Installation may require the participant engagement which gives plenty of opportunities and ideas as an interesting way to liven up a smaller portion of the space. Interactive solutions can also be a considerable help to museum or theater staff.





## Videowall for Google

Interactive videowall was created for the Google AdWords Community Summit conference, in which the participants spoke about the conference in front of the camera. To hear what their colleagues said, others had to select the desired screen using their hand gestures.



## SecondStroke at WRO

The image came to life during the interaction, revealing the hidden structures in the layer of light. Monochrome projection did not change the natural color image but only emphasized its elements. Work exposed to the WRO Media Art Biennale 2013.



## Museum installation

Mapping 3D in small scale tells the story of Castle of Warmian Bishops in Lidzbark Warmiński. Narrative language can be changed at any time to english by the museum guide using tablet.

All the presented materials are available in the form of a video on the foundation channel.



<https://www.youtube.com/c/PrecyzjaOrg>



# Live visuals

Programmed shapes is our take on the classic VJing.

In the visualizations live generated images are the front layer of projection.

Visualizations emphasize each performance or concert live and are the perfect complement to the background scene in close cooperation with the techniques of lighting.

Projections using the multiple projectors can be quickly adapted with projection mapping techniques to different spaces.







## VJing at festivals

Visualizations to the music can be presented on the LED screens and connected directly to the audio signal, completing performing musicians.

At Auditorium music festival, our generative visualizations worked live with bands like 3AM or KAMP!



## Conference projections

Visualizations may also be part of the stage decoration, while remaining consistent with the overall visual concept of the events. Such were our projections on the StartupSummit 2016 conference organized by The Polish Agency for Enterprise Development.



## Live video mapping

The combination of live music and video mapping requires a lot of work and preparation, but it results in a unique show.

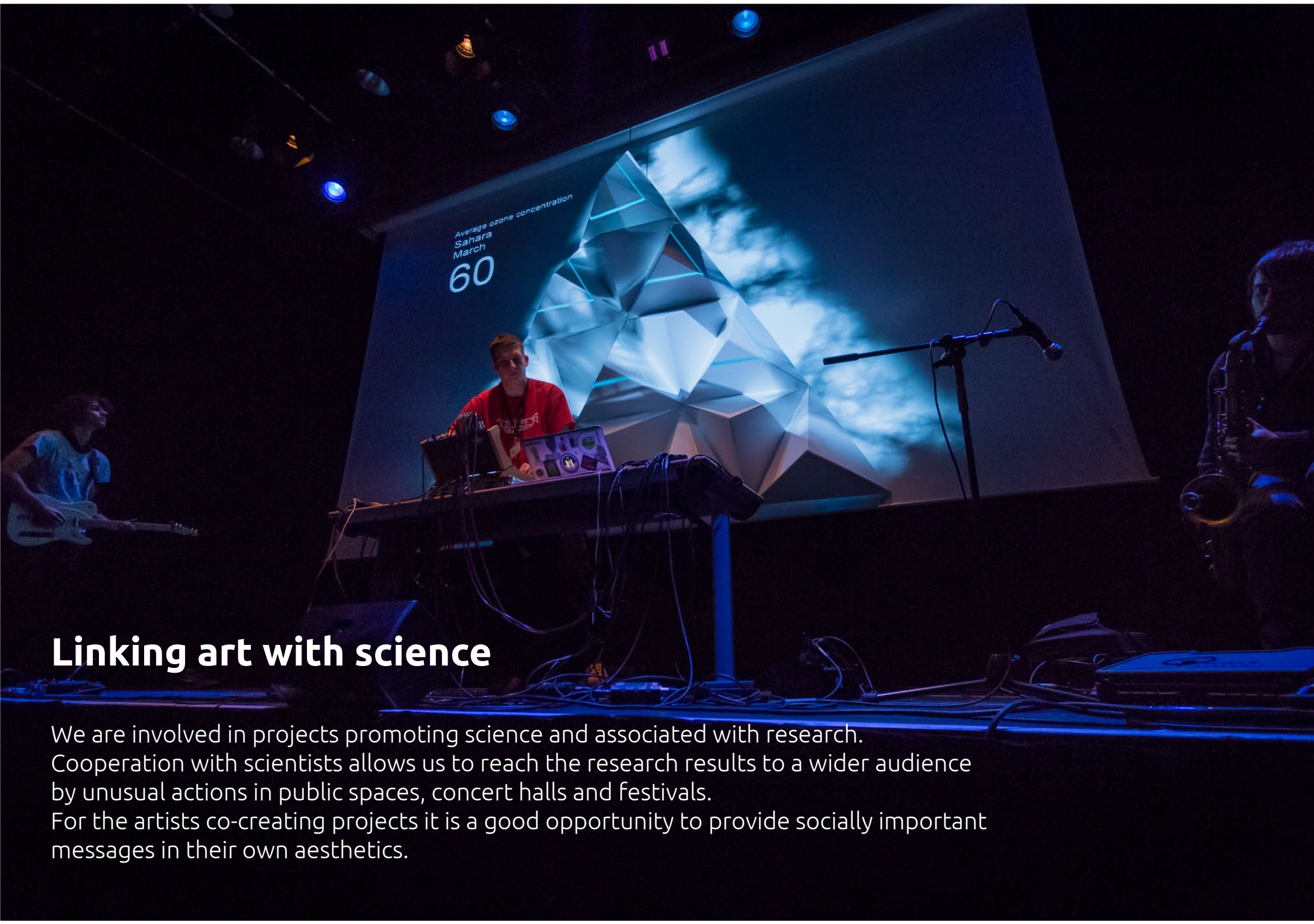
On the photo show Sapce F! ght on Kernel Festival, where historic villa served the role of the screen for live visualization.



Learn more about our projects:

**<http://www.precyzja.org>**





## Linking art with science

We are involved in projects promoting science and associated with research. Cooperation with scientists allows us to reach the research results to a wider audience by unusual actions in public spaces, concert halls and festivals. For the artists co-creating projects it is a good opportunity to provide socially important messages in their own aesthetics.



## “O3” in Moscow

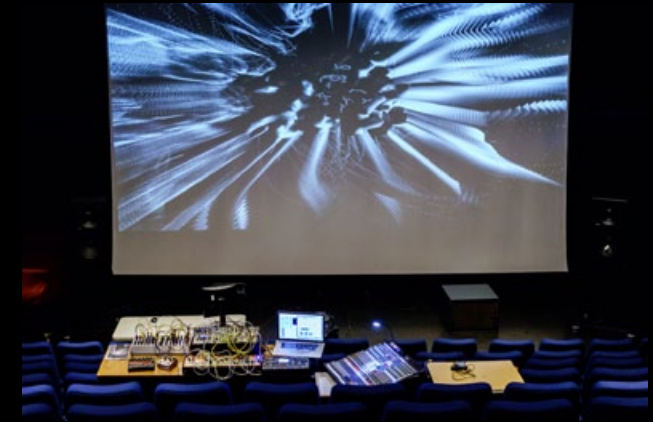
Projection was the result of cooperation with the scientists from Stockholm Environment Institute and NASA and driven by data of ozone concentration in Moscow.

Abstract form was complemented by the voice of a lecturer, telling about the arising health risks .



## Zushi Japan

Projection was created with the cooperation the psychology department at The University of York and was based on recording from the electroencephalogram study (EEG) of two people - healthy and diagnosed with schizophrenia. On the photo the audience in Zushi during the projection at the festival.



## Sonicules in York

How introducing surround sound can facilitate the work of researchers designing cancer drugs? This question tried answer our project #Sonicules At the University of York UK and University of Bialystok in Poland.



Learn more about our projects:

<http://www.precyzja.org>





## Artistic activity

As a collective, our activity started in 2009 with "Experimental Analogue Visuals" in Poznan gallery SPOT.kontroli. Since then our work has appeared in numerous cultural events in Poland and abroad, and collaborative projects have brought awards and distinctions such as "Emerging Excellence Award" and the "Jazz Ambassadors of the North of England." title.



## Space F!ght

Dr. Rudnicki's PhD project that combines elements of polish electronics, live music and generative visuals with elements of jazz and sci-fi.

The band took part in the biggest jazz festivals in England and started artistic and scientific projects.

<http://www.spacefight.eu>



## Cultural festivals

We had the pleasure of presenting our work to wide audience at many festivals worldwide. For example, Kernel, Magmart, ArtVision, NoBorder, Mira, PatchLab Festival Space municipal or East Culture.



## Art exhibitions

Our projections and multimedia in smaller formats found their place at temporary exhibitions. Custom designed visuals were often part of the festivals design identity.



<http://www.precyzja.org>



# Technical information

## Appropriate conditions

Projectors are always selected for the conditions, distance and size of the illuminated object engineers. When planning the show, remember that projectors must be placed at an appropriate distance at few meters above the audience.

## Technical details and sound

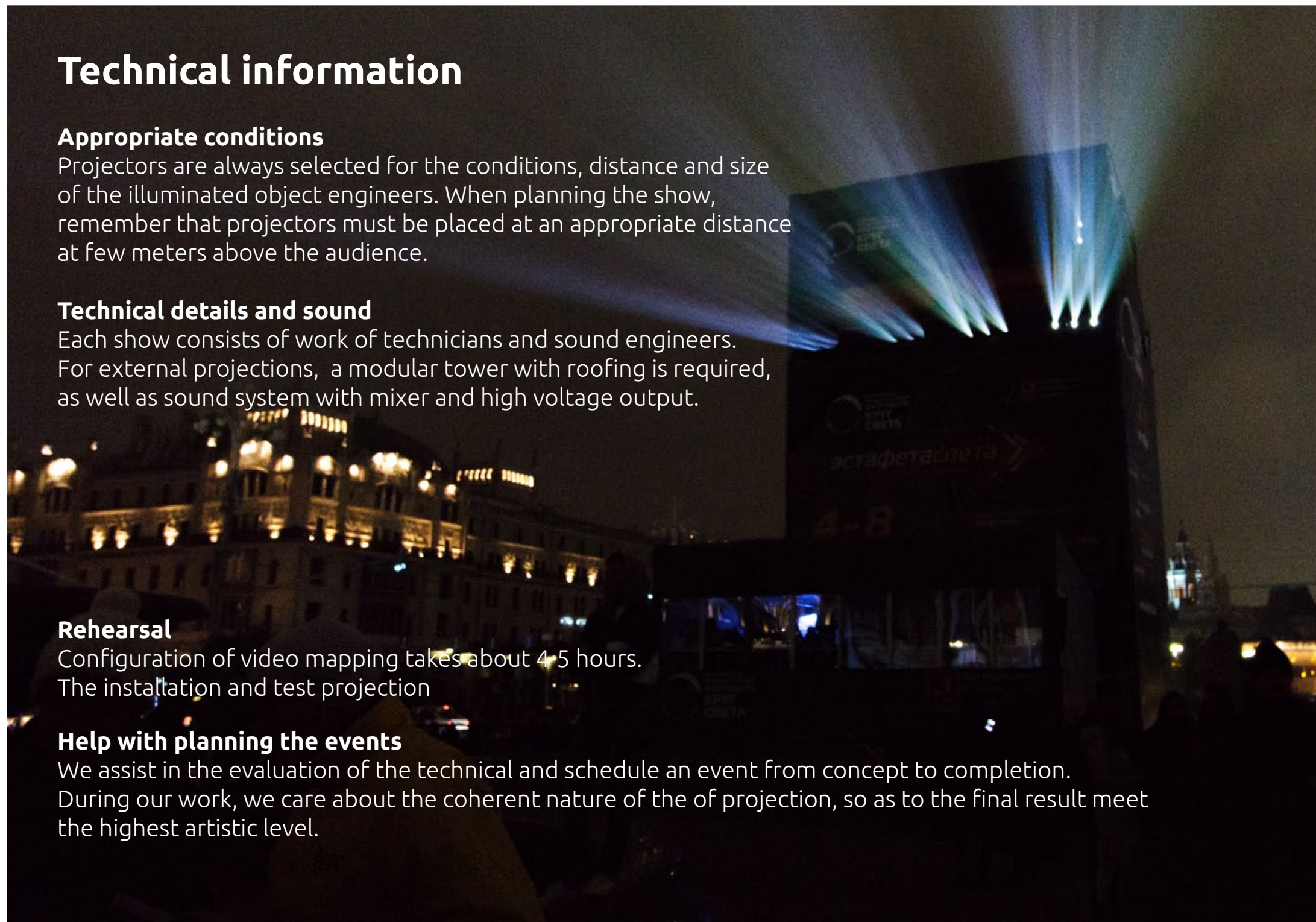
Each show consists of work of technicians and sound engineers. For external projections, a modular tower with roofing is required, as well as sound system with mixer and high voltage output.

## Rehearsal

Configuration of video mapping takes about 4-5 hours. The installation and test projection

## Help with planning the events

We assist in the evaluation of the technical and schedule an event from concept to completion. During our work, we care about the coherent nature of the of projection, so as to the final result meet the highest artistic level.





## Cooperation

We are open to the proposal of cooperation both at smaller exhibitions or events, and cultural events on a large scale.

Video mapping is a great tool for artistic expression and a unique way of providing information or showing history events. Interactive installation may be an element involving audience in important subject and our role is to capture its substance in an interesting way.

We invite you to visit and contact us with any idea.

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