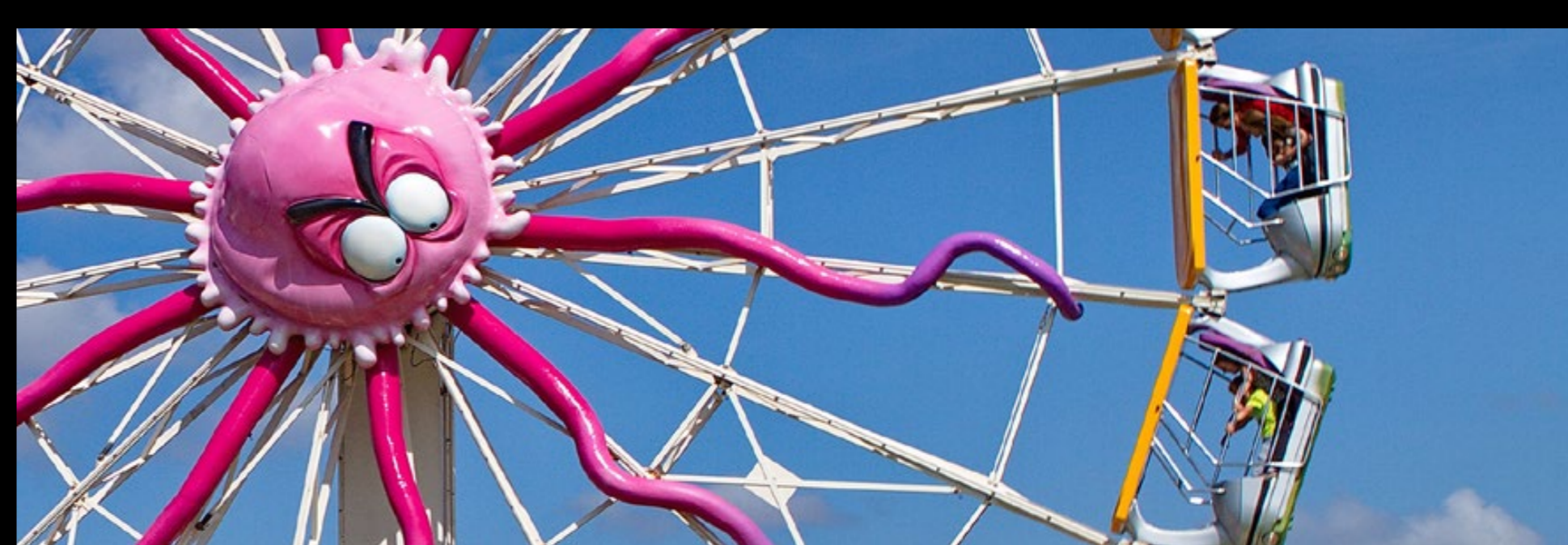




JORAVISION PRODUCTION



PRODUCTION



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# WELCOME



**THANK YOU FOR YOUR INTEREST IN JORA VISION. 25 YEARS AGO, WE FOUNDED THIS COMPANY IN PURSUIT OF A DREAM**

to build a unique design and production company for the leisure industry. Back then, I could not have imagined that we would be working with so many passionate people to become a strong, internationally recognized player in this industry. With our talents, we have been continually making ideas and stories come to life — striving always to create breathtaking experiences,

environments and attractions for any budget or size.

I believe that it is our strong combination of design, production and project management which makes us such an effective partner in design and building solutions, as it allows us to customize each and every project to fit our clients' needs. Always in an open and honest way.

In this brochure, you will be able to see how our talented production department actually makes ideas on paper come to life. Some of our main

production disciplines are presented to you before we proudly highlight several projects we have realized. I hope you enjoy it, and that you will continue to join us in pursuing our passion!

Jan Maarten de Raad  
CEO/MANAGING DIRECTOR



# CARPENTRY

**IN OUR WORKSHOPS, EXPERIENCED CARPENTERS TURN THE MOST DIVERSE IDEAS INTO REALITY.**  
From three-dimensional signage to wood-sculpted façades, from traditional ornate woodwork to a shipwreck: our capenters can create it all.



# STEEL CONSTRUCTION



**THE METAL WORK DEPARTMENT USES MANY TYPES OF METAL, DEPENDING ON THE TYPE OF PROJECT — INCLUDING STRUCTURAL STEEL, STAINLESS STEEL AND ALUMINUM.**

Besides large structures, for example, we are also able to create specialized mechanical effects using precision machining, motion control, pneumatics and hydraulics.



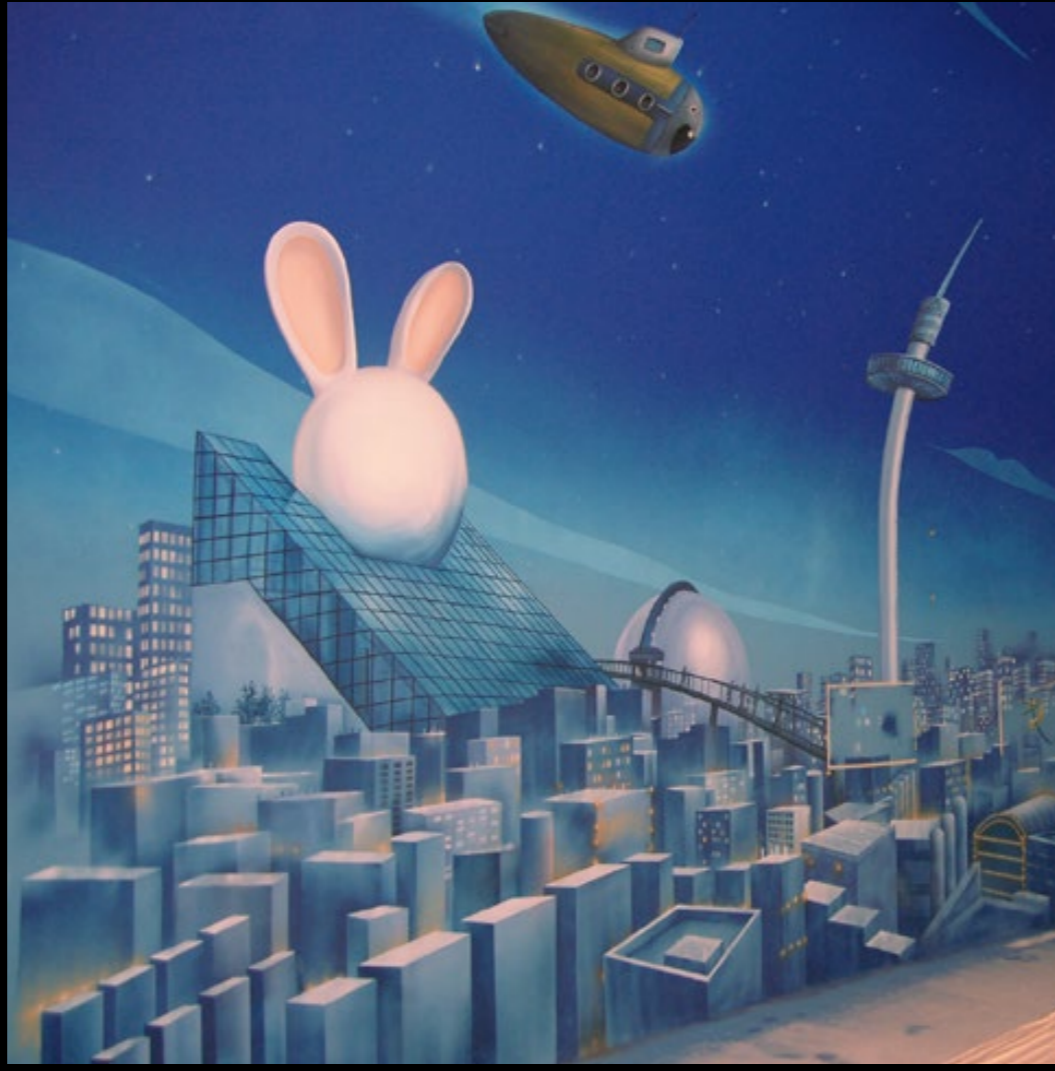
**OUR SCULPTORS CREATE TRULY UNIQUE PIECES, FROM MINIATURES TO MASSIVE SET PIECES.**

Some of the most memorable theme park environments were made out of blocks of foam. This versatile, lightweight material becomes a school of fish, a fantastical tree, a miniature landscape or a submarine — anything the design requires.



# SCULPTING

# DECORATIVE PAINTING



# MOLDING

**THE FINISHING DEPARTMENT IS CAPABLE OF CAPTURING ANY STYLE OF PROJECT.**  
We provide painting, texture application, faux-finishing, automotive coating or any other special treatment for any given theme. We can deliver paintings, murals, trompes-l'oeil and airbrushed artwork.

**INFINITE COPIES OF A SCULPTED OBJECT, EACH ONE AS FINELY-DETAILED AS THE ORIGINAL.**  
A time-tested method using state-of-the-art materials; ensuring consistency, strength and endurance.

**FIBERGLASS IS USED FOR LARGE-SCALE OUTDOOR PROJECTS WHICH ARE EXPOSED TO EXTREME WEATHER.**  
Even stronger than polyurethane, fiberglass in combination with resin provides a solution when durability and resistance are most essential.

# FIBERGLASS COATING



# RESIN COATING

**ONE OF OUR CORE METHODS IS TO TREAT FOAM-SCULPTED OBJECTS WITH POLYURETHANE RESIN: THE RESULT IS COST-EFFECTIVE, VERSATILE AND RESISTANT.**

For these reasons, theme parks and set designers often choose this method.



ALMOST ANY SURFACE TEXTURE CAN BE SIMULATED USING SPRAY CONCRETE; FROM ROCKWORK TO CHARACTERS.  
Using 3D scanning and 3D computer modeling, our unique engineering process ensures a smooth transition from design to production.

# ARTIFICIAL ROCKWORK



# ANIMATRONICS

TOGETHER WITH JORA ENTERTAINMENT, WE TAKE ENVIRONMENTS TO THE NEXT LEVEL THANKS TO SPECIAL EFFECTS. Lighting, audio and other effects can all be connected through a show control system.



**ANIMATRONICS ARE A GUARANTEED WAY TO MAKE SCENES COME TO LIFE.** We install animatronics in themed settings such as shows and dark rides, and coordinate the work between all necessary teams to bring these technologically advanced robots to life.

# SPECIAL EFFECTS

# PRINTING

**JORA GRAPHICS SPECIALIZES IN LARGE-FORMAT INDOOR AND OUTDOOR VISUALS ON VARIOUS MATERIALS.**  
Thanks to their professional project management, well equipped studio and high quality, large format printers, they deliver great quality.

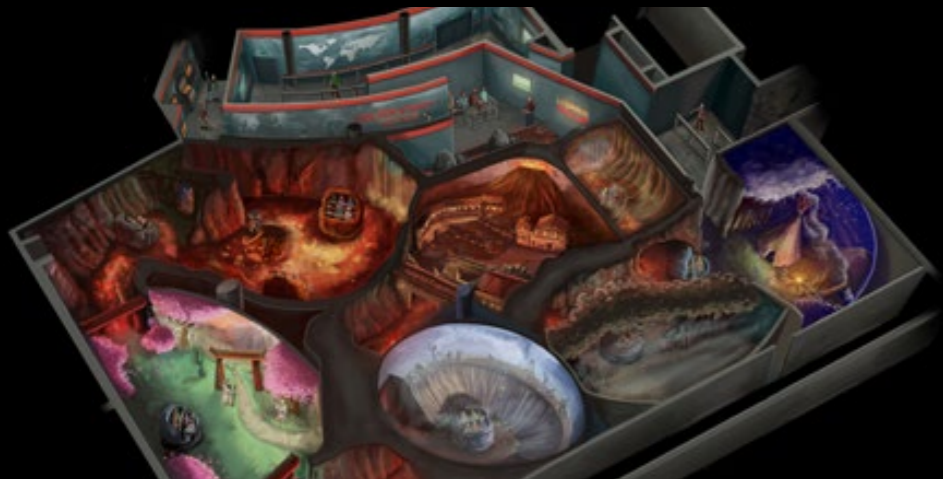
**JORA**GRAPHICS  
WHAT YOU SEE IS WHAT WE CREATE



**SCALE MODELS PROVIDE US WITH A TANGIBLE 360-DEGREE OVERVIEW THAT DRAWINGS CANNOT GIVE.**  
Our production team can create scale models to visualize and test shapes and ideas. This helps to get a better view of the project without the cost and effort involved with producing a full-scale product.

# SCALE MODELS

# PROJECTS



## VULCANIA DARK RIDE

FOR FRENCH EDUTAINMENT PARK VULCANIA, JORA VISION DESIGNED AND BUILT "VOLCANS SACRÉS" TO MATCH THE PARK'S AIM OF COMBINING EDUCATION and immersive entertainment. Using innovative effects (video mapping, scents, smoke and lighting effects), the attraction showcases man's relationship with volcanoes in different time periods.

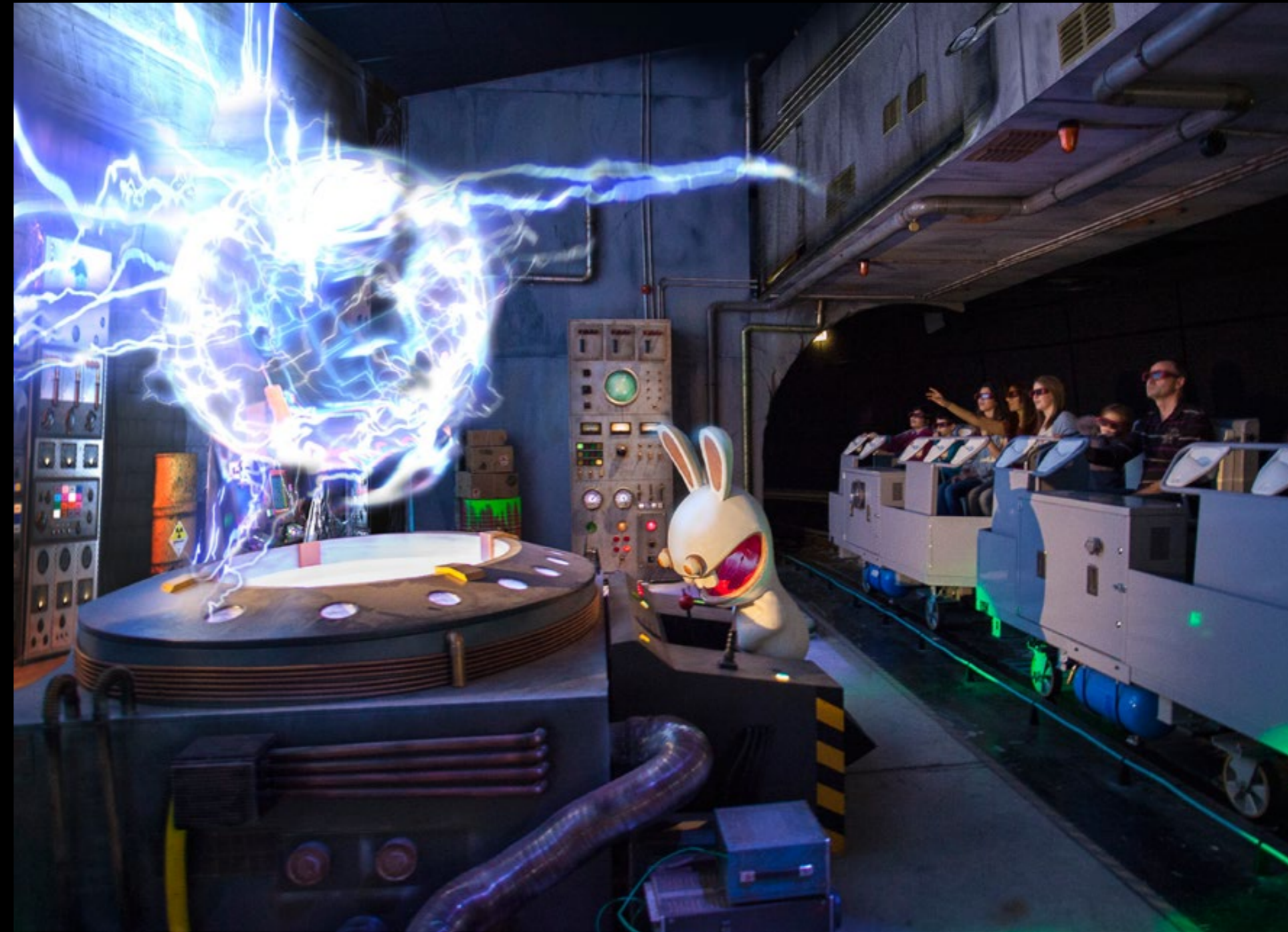
Volcans Sacrés, which opened to the public in Spring 2013, stands as an example of an industry trend in which traditional museum institutions are taking a cue from theme parks, using their methods of storytelling to achieve their goals and expand their audience.



# RAVING RABBIDS DARK RIDE

**THE POPULAR VIDEO GAME COMES TO LIFE IN "LA MACHINE À VOYAGER DANS LE TEMPS" AT FUTUROSCOPE IN FRANCE.**

Jora Vision played a part in the design, engineering and production of the new dark ride. Together with several other companies, among which Jora group companies Jora Entertainment and Jora Graphics, we managed to create a new entertaining ride in the French park. "La Machine à Voyager dans le Temps" takes visitors on a journey through time where they travel along with these crazy rabbits.



# DE SPEELPOOL PLAYGROUND

**DE SPEELPOOL IS THE WORLD'S FIRST HIGHLY-THEMED PLAYGROUND IN THE MIDDLE OF A 500-METER ICE RINK AT SPORTS CENTER DE SCHEG.**

Jora Vision designed and fabricated an arctic base camp where children can slide from the communication tower, do research in the North Pole facility and drive around in arctic vehicles. With the covered children's skating rink and playground, it became a favorite in day recreation activity.



# PLASWIJCK PLAYGROUND

JORA VISION DESIGNED AND BUILT "THE HOUSE IN THE HILL".

In Rotterdam's Plaswijck Park, kids find themselves in Grandma and Grandpa's house, and once there they can do everything that they are not allowed to do at home... Like jumping on the beds, sliding down the banisters, climbing in the birdcage and all over the bookcase.





**TOMORROWLAND EVENT STAGE**  
**JORA VISION HELPED REALIZE THE MAIN STAGE FOR THE 9TH EDITION OF ID&T'S DANCE FESTIVAL TOMORROWLAND.**  
Jora Vision took on the engineering, part of the construction and project management. In collaboration with two other parties, we managed to build an impressive main stage. The result was a unique stage of 130 meters long and 29 meters high with spectacular elements such as volcanoes, screens, waterfalls and hanging bridges. This masterpiece offered world famous DJs a platform to shine.





# VARIOUS PROJECTS



Our creative design department works in teams to create fully immersive concepts. Each design project starts with creating a story line and together we pass the design principles: project initialization, brainstorm, concept development, schematic design, detail design and production design.

# PROJECT MANAGEMENT



# JORA VISION DESIGN

Our project management services guide projects through design, tender and production phases. Services include procurement, tendering, coordination with ride suppliers, on-site art direction, and production of theming. These professionals make sure projects run on time, within budget and adhere to quality and safety norms.

# JORA ENTERTAINMENT

**THE SPECIALIST IN TURNKEY MARKETABLE SHOWS AND EVENTS FROM THE MASTER PLANNING TO**

the actual operations of the show or event. Storylines, show concepts, lighting, video, audio, show control, casting or special effects, Jora Entertainment has the knowledge and experience to tell a story.

With over ten years of experience and several industry awards, Jora Entertainment helps make concepts become reality.

[www.joraentertainment.com](http://www.joraentertainment.com)

# JORA GROUP

**THE JORA GROUP CONSISTS OF JORA VISION, JORA ENTERTAINMENT AND JORA GRAPHICS. TOGETHER, WE ARE ABLE TO OFFER A WIDE ARRAY OF HIGH-QUALITY SERVICES.**

# JORA GRAPHICS

**A FULL-SERVICE ORGANIZATION PROVIDING CUSTOM SOLUTIONS FOR INDOOR AND OUTDOOR VISUALS.**

Visual solutions for events, trade fairs or the retail industry, from small to large and from standard to custom-made, Jora Graphics delivers it all.

[www.joragraphics.com](http://www.joragraphics.com)



# CLIENTS

Adventure World Warsaw, Poland

Aile Darong Indoor Park, China

Amersfoort Zoo, The Netherlands

Amsterdam Airport Schiphol, The Netherlands

Anapa Theme park, Russia

Avifauna Bird Park, The Netherlands

Beerze Bulten Holiday Park, The Netherlands

Blijdorp Zoo, The Netherlands

Bubbel Jungle Kids Indoor, The Netherlands

Center Parcs, Europe

China Merchants Shekou, China

Crimea Meganom Park, Ukraine

De Beren Restaurant Chain, The Netherlands

De Bongerd Holiday Park, The Netherlands

De Efteling, The Netherlands

De Scheg skating rink, The Netherlands

Deutsche Bank, The Netherlands

Disneyland Paris, France

Djurs Sommerland, Denmark

Dolfinarium Harderwijk, The Netherlands

Drievliet, The Netherlands

Duinrell, The Netherlands

Eastern Plaza, The Netherlands

Emmen Zoo, The Netherlands

Escher Deierepark, Luxembourg

Europapark, Germany

Floriade Flower Bulb Expo, The Netherlands

Fun Arena, Germany

Fun Go, Finland

Funtasia FEC, Ireland

Futuroscope, France

Gamestate Kerkrade, The Netherlands

Grévin Prague, Czech Republic

Gulli Parc, France

Hangzhou Bay National Wetland Park, China

Hellendoorn, The Netherlands

Historium Brugge, Belgium

ID&T Tomorrowland, Belgium

Julianahoeve Holiday Park, The Netherlands

Kolmården Zoo, Sweden

Koningin Juliana Toren, The Netherlands

Landal Greenparks, The Netherlands

Madurodam, The Netherlands

Metterwoon Shopping Mall, The Netherlands

Molenheide Holiday Park, Belgium

Moscow Park Craftsman Town, Russia

Océade, Belgium

Ouwehands Zoo, The Netherlands

Parc Astérix, France

Party Center Duinenzathe, The Netherlands

Perry Sport, The Netherlands

Plaswijck Park, The Netherlands

Plopsaland, Belgium

Red Bull, The Netherlands

Rhône-Alpes Pavilion World Expo, China

Sensazia Wok & Golf, The Netherlands

Slagharen, The Netherlands

Snow Village Jeddah, Saudi Arabia

Spoorwegmuseum, The Netherlands

Tema Istanbul, Turkey

Tivoli, Denmark

Tony's Mystery Golf, The Netherlands

Toverland, The Netherlands

Vulcania, France

Walibi Belgium, Belgium

Walibi Holland, The Netherlands

Wanda City Hefei, China

Wonderland, China

World of Toilets, Germany

Wuhan Zoo, China

Yumble Roermond, The Netherlands



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