



**VR in music education:
“Music with 5 senses”**

**AEC Annual
Congress 2021**

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Reina Sofia School of Music

Our Mission:

- Train highly-talented musicians for their professional careers
- Bring the best music to all audiences
- 150 students each year from over 30 different nationalities
- Over 300 concerts each year

Our Educational Program for Music in Schools:

- For 20 years, free concerts for 4000 school children each year at National Concert Hall
- 2020 challenge: due to the pandemic we find the need to reinvent the program

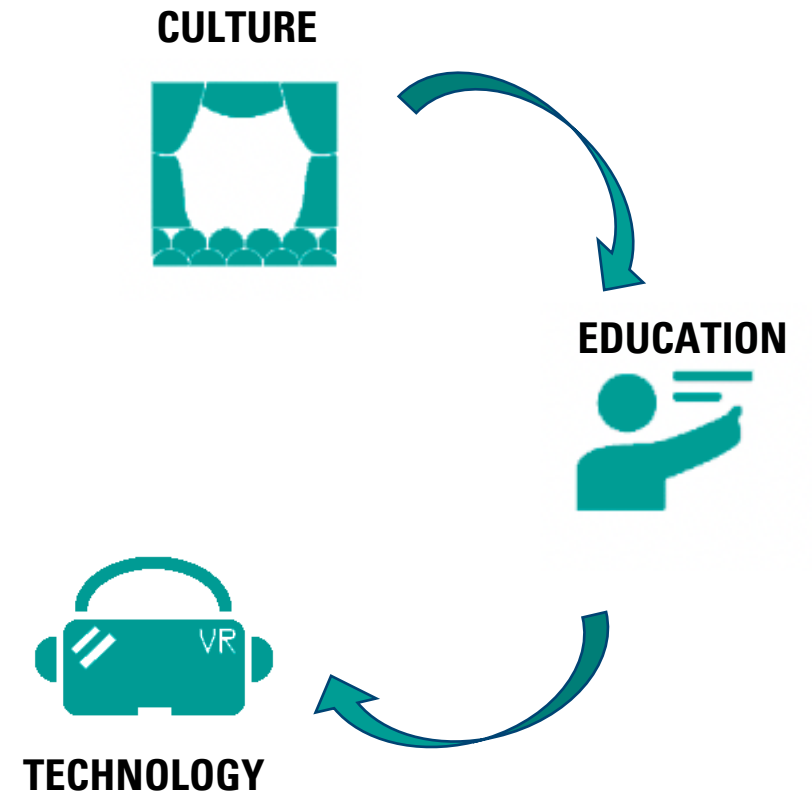


Music with 5 senses

- An immersive VR educational experience to bring closer classical music to school children through discovering the inside of an orchestra
- Developed by Reina Sofia School of Music in collaboration with Fundación Banco Santander and ONE Digital Consulting, a leading VR national company.
- For teenagers from 12 to 15 years old
- Implemented at 5 schools in Madrid Region
- 600 school children experienced it

Project Development: The Technological Challenge

- Developed in 6 months
- Multidisciplinary team: over 50 qualified professionals (VR specialists, musicians, orchestra conductor, musical pedagogue, luthier, dancers, educators, etc.)





Success Key Factors

- Participants placed in the centre of the experience
- Applying a videogame like narrative
- Visiting a variety of scenarios and scenes
- a 3D re-construction of a series of settings
- Full-sphere surround sound
- Classroom integration: the immersive experience as a supplement (not a replacement) for the class

Aside...

- **Outdoor activities in school yards** for children between 8 and 10 years old.
- **Audiovisual content for schools** sent to teachers with videos and guidelines to work in the classrooms.



What's next?

Turn

Our goal is to turn this project into a new way of learning through experience, not a one time activity

Scale

Scale the project to more schools

Aim

Aim for other audiences with restrict access to cultural activities: elders, rural towns, etc.



THANK YOU!



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