



An app making large buildings accessible for the blind

LOCATION: Exhibition Centre and Granada Conference Hall

DURATION: 1'52"

SUMMARY: The Granada Exhibition Centre and Conference Hall is becoming the first public Andalusian building which is accessible to the blind, thanks to a ground-breaking system called BeepCon. It's a system developed by the ONCE Foundation through the business Ilunion Technology and Accessibility. Devices send information from the building's interest points to an app, thus communicating directly with the blind person.

VTR:

This sound is guiding blind people through the Granada Exhibition Centre and Conference Hall, which will be the first public Andalusian building to be accessible to this group thanks to the BeepCons system. These devices are distributed by the building's staff and information is sent via Bluetooth to a mobile app that, through voice activation, indicates where the places of interest are.

BACKGROUND: [App] "Five devices found. ONCE Foundation Stand."

M^a CARMEN FERNÁNDEZ
Technical Architect
ONCE Foundation

"Using these BeepCons they're called, from the beep beep, and they could be used to guide people with visual disability around the city."

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These devices send information on each place of interest, such as its location or its distance, but it can also give information on ongoing activities in a certain room or space. This data can be modified to the needs of the user.

DAVID ZANOLETTY
Accessible Technology
ONCE Foundation

"For a person with a visual disability, for example, it's hard to locate places in a building that they don't know, sometimes even if they do know it, locating the building's key points, such as the lifts, any specific rooms for meetings you're going to..."

One of its advantages is that it is able to detect the app's user and notify them of the different interest spots and building services. What separates it from other devices is that users can activate a sound signal to determine their location.

M^a CARMEN FERNÁNDEZ
Arquitecta Técnica Fundación
ONCE

"You select which of them you want to be given information on and through three sounds you are directed to the place you want to go."



IGNACIO MADRID
Ilunion Researcher

"The user can activate the sound from their mobile on this device, in a way that can clearly pinpoint where the information point can be found."

This system was designed for big buildings such as hospitals, airports, shopping centres or, in this case, conference halls. Granada's is now analysing the best places to locate these devices and to be able to fully implement the system.

For more information or support please email info@andalusianstories.com