

AUDIOGUIDE PROJECT:

Guiding visually impaired people through stations

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Aim

- AudioGuide Project consists in a new software development that will improve stations universal accessibility giving a high quality service to disabled users, especially to visually impaired collectives.
- □ The objective is that this collective can be as autonomous as possible during their access, stay and transit through stations.
- To be fully functional the AudioGuide Project is supported, in stations, by specific devices called Interactive Information Points placed along the Guide Paths.



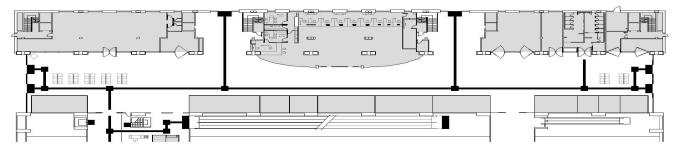


Making the most out of Guide Paths

CURRENT AND FUTURE

- As part of ADIF's accessibility strategy,
 Guide Paths are being installed in stations.
- Guide Paths differentiated pavement becomes a connection line between the main station areas and facilities.
- Placing Interactive Information Points with the Audioguide Software in these strategic locations, enhances the purpose of guide paths.

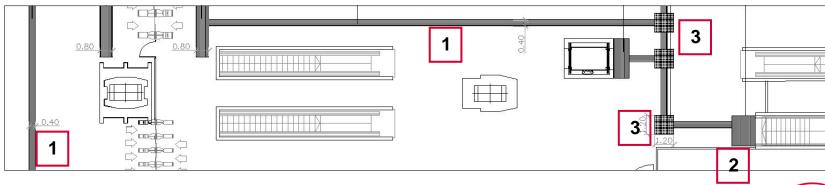






Guide Paths: Design

- Guide Paths are formed by different types of pavements:
 - Path Pavement with longitudinal grooves in the walking direction. Width = 40cm.
 - **2** Caution Pavement with perpendicular grooves to the walking direction. Width = 80 120cm.
 - 3 □Turn Pavement with buttons. Dimensions = 120 x 120cm.



Guide Paths: Implementation

	Guide Paths in Stations	Passengers (2012 data)	Budget
PHASE 1 (finished)	18	55%	550.000 €
PHASE 2 (under construction)	42	23%	630.000 €
PHASE 3 (under planification)	40	22%	620.000 €
TOTAL	100	100%	1.800.000 €



AudioGuide: Interactive Information Points

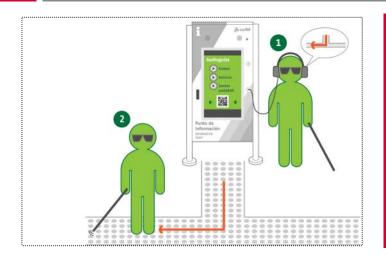


- Interactive Information Point s (IIP) are the physical devices that will contain the AudioGuide Software. There are already 30 IIP in 17 Spanish Stations to provide customers and passengers, in an interactive way, station and train schedules information.
- IIP are Fully Accessible for all Disabled Collectives:
 - Physically impaired: IIP are easy to use from a wheelchair since the control touch screen height is adjusted.
 - Visually impaired: equipped with braille buttons and audible handling and contents.
 - Hearing impaired: equipped with magnetic induction loop.

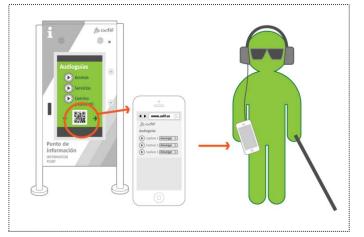
ACCESIBILITY = INFRASTRUCTURE + TECHNOLOGY



AudioGuide: Operation



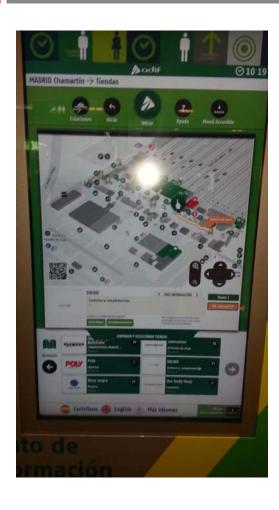
- The AudioGuide messages can be listened using standard headphones from IIP's located in stations.
- IIP will provide a function, by means of audible descriptions to guide visually impaired people using guide paths, to the main station facilities.



It will be possible to download the AudioGuide from internet to listened it on mobile devices.

Mr. Dahl Sobrino – ADIF – Audioguide Project

Audioguide: Technology



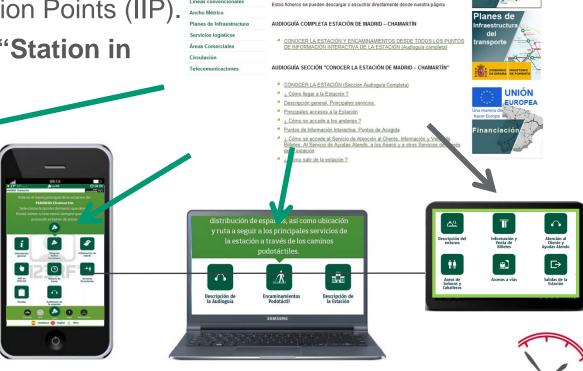
- The AudioGuide Project can provide the following information via properly structured audio files.
 - Access information.
 - Location of station main services. Moving around the station.
- The AudioGuide Implementation:
 - First phase: Madrid Chamartín and Madrid Puerta de Atocha Stations



AudioGuide: Implementation

The AudioGuide Software will be available from:

- ADIF's website: www.adif.es
- Interactive Information Points (IIP)
- Mobile/tablet app "Station in your pocket".



Servicio de audioguías

Guia de uso e instrucciones de la audioquia

Audioguía de la estación de Madrid Chamartín

Desde esta página ponemos a su disposición la audioguía completa de la estación de Chamartin y dos colecciones de ficheros que describen zonas concretas. Mapa

MOSCOW 2013

adif

Accesibilidad Estaciones

M Servicio Dialoga

Mr. Dahl Sobrino – ADIF – Audioguide Project

17-18 October 2013 **next station**

Audioguide: Implementation



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...Thank you

for your kind attention

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