

information, so that everyone can enjoy their stay in Braga independently. The Tourist Office also has tourist brochures in Braille to cater for the visually impaired.

Find out more at: <https://www.tur4all.com/resources/posto-de-turismo-de-braga>

Hearing is believing; València: The main tourist information office offers the modern Visualfy system for people with hearing loss. This innovative AI system detects relevant alerts in the environments and sends visual notifications to the user's smartphone, smartwatch or smartband through sound. By taking this step forward, València is not only going the extra step to ensure that all visitors are afforded the same degree of accommodation but in doing so is implementing a smart approach to making its tourist information services more accessible.

Find out more at: <https://www.visualfy.com/visualfy-public-admins/>

4.1.2.5 Accessibility through digitalisation; Porto; Florence; Gaziantep

Innovative Signage makes world of colour accessible to colour blind, Porto: Born in Porto, the ColourADD has reached worldwide acclaim as an innovation in helping people who are colour-blind participate in the colour dominated world of signage. Here in the city, it appears on tourist maps, flags and Ecopoints on the beaches and on car parks to help everyone navigate, understand, and feel welcome to an accessible experience of the city.

Find out more at: http://www.coloradd.net/imgs/ColorADD-About-Us_0315.pdf

KIMAP - navigation app for disabled people; Florence: The historic centre of Florence presents some objective difficulties for visitors with reduced mobility (especially in the oldest area of the city: narrow pavements, cobblestone pavements, uneven surfaces). In recent years the city has provided a kit (IT/EN) to facilitate and encourage tourism for disabled people which also includes the Kimap APP, which can be downloaded for free. Kimap allows users with mobility difficulties to find the most accessible and suitable path to reach destinations. The app provides 4 tour guides with historical-artistic itineraries connected to city mapping in open data for barrier-free tourism to explore the city in

complete autonomy. The maps are constantly updated thanks to modern techniques for detecting road surfaces providing real-time information and optimizing navigation for people with wheelchairs, electric hand-bikes and scooters, family with baby strollers (updating accessible routes automatically, time and distance, providing voice assistant). Moreover, while used, Kimap automatically detects data and collects inputs from the users' community. Bottom-up actions to co-create accessibility mapping by using information from the users, who become themselves data' collectors, ensuring an easy and timely update with reasonable investment. In addition, crowd-mapping events permit the involvement of different mappers including associations and committees of people with disabilities in order to cover a large part of the city (e.g. crowd-mapping experience in the Anconella Park led to the identification of the interventions improving the accessibility to the area).

Find out more at: <https://kimap.it/en/>

Gaziantep Card mobile application as means of support for disabled citizens using public transportation: With the Gaziantep Card mobile application, the city is supporting its disabled citizens by guiding them to stops/stations, with audio and visual assistance. When at the stop, disabled people can send information to the vehicle of the transport line they want to use via Gaziantep Card mobile application which then notifies the vehicle driver that a disabled passenger is waiting at that stop. Moreover, an external announcement system installed on all municipal buses ensures that disabled citizens waiting at the stop have access to the vehicle they aim to use without any help as it reads the line code at each stop.

Find out more at: <https://gaziantepkart.com.tr>