



## BUDD-e

### Blind-assistive aUtonomous Droid Device

- VISUAL IMPAIRMENT
- ACCESSIBILITY
- ROBOT ASSISTANT

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#### ABSTRACT

The project promotes a fair recovery by targeting visually impaired people, affected by Covid-19 containment measures such as restrictions on the daily use of spaces and services.

The aim is to improve accessibility through an integrated approach blending inclusive design, ICT and robotics, that is, an autonomous tethered robotic guide to be employed in public places or indoor environments, as well as in support of sports activities.

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#### PROPOSING TEAM/

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#### PARTNERS INVOLVED/

ASST Niguarda Hospital  
 ASP "Golgi Redaelli" Assistance Center  
 Dr. Luigi Piccinini, physiatrist (IRCCS Medea)  
 YAPE S.r.l. (company)  
 UICI Italian Union of the Blind and Partially Sighted (Lombardy section)  
 "Istituto dei Ciechi" Foundation  
 Non-profit organizations: DISABILINCORSA;  
 GSD Non Vedenti Milano; Tactile Vision

#### TIMEFRAME/

03/2022 - 06/2023

#### CONTEXT/

Milan, Italy