

AccesS – Research Project Fact Sheet

Title of Project	Enhancing Accessibility and Sustainability in Smart Cities and Smart Buildings: The Universal Accessibility Suite Initiative - ongoing	
Project Acronym	AccesS	
Funding Program	HORIZON-CL5-2023-D4-02	
Project Identifier	HORIZON-CL5-2023-D4-02-05	
Total Budget/FredU Budget	4849551 € / 302727 €	
Starting – Ending Date	06/2024 – 05/2027	
Consortium	<ol style="list-style-type: none"> 1. CERTH EL 2. IsZEB EL 3. Frederick Research Center CY 4. FORTH EL 5. Energy@work IT 6. Que technologies EL 7. DEMO Consultants bv NL 8. Uni systems EL 9. European Union of the Deaf BE 10. Lama Societa Cooperativa IT 11. Asociacion Empresarial de Investigacion Centro ES 12. Municipality of Gabrovo BG 13. Musey na Humora i Satirata BG 14. My Energia Oner SL ES 15. Ayuntamiento de Murcia ES 16. Comune di Bari IT 17. Vaimoo s.r.l. IT 18. Comune di Firenze IT 19. ASRO RO 20. Hive Power sa CH 21. Azienda Elettrica di Massagno (AEM) sa CH 22. Bruco Huisvesting Adviseurs Bv NL 	
Project Objectives	<p>In today's urban landscape, accessibility remains a critical issue, hindering the full participation of diverse communities in smart cities. While infrastructure upgrades are vital in making spaces more accessible, there is tremendous potential in leveraging technology to further empower these communities. In this context, the EU-funded AccesS project aims to revolutionise urban accessibility by leveraging AI, building information modelling (BIM) and geographic information system (GIS) technologies. AccesS seeks to create barrier-free environments, optimise energy use and ensure inclusive design across smart buildings and cities. This sets a new standard for accessibility and sustainability in urban development. Spanning cultural heritage sites, care facilities and public services across five European cities, AccesS embodies a collaborative effort involving 22 partners from 9 countries.</p>	
Work Packages	<p>WP1 – Design and integration of the AccesS framework: setting the foundations for a smart and accessible built environment</p> <p>WP2 – Social inclusion and user-centered design approach</p> <p>WP3 – Towards a common evaluation and certification framework for accessibility and inclusiveness</p> <p>WP4 – Digitalization and sustainable design for the built environment</p> <p>WP5 – Virtual user modeling and assistive technologies for accessibility</p> <p>WP6 – Intelligent systems for adaptive building and mobility management</p> <p>WP7 – Advancing accessibility and sustainable urban environments</p> <p>WP8 – Development and harmonization of accessibility assessment scheme</p> <p>WP9 – Pilots preparation and set up</p> <p>WP10–13 – Demonstration and impact assessment: cultural heritage buildings, people care facilities and public services buildings</p> <p>WP14–15 – Communication, dissemination and exploitation</p> <p>WP16–17 – Project management and coordination</p>	
External Reference	https://cordis.europa.eu/project/id/101147722	
Role in the Project	Principal Investigator	