



Access - Research Project Fact Sheet.

Title of Project	Enhancing Accessibility and Sustainability in Smart Cities and Smart Buildings: The Universal Accessibility Suite Initiative	
Project Acronym	Access	
Funding Program	HORIZON-IA	
Project Identifier	HORIZON-CL5-2023-D4-02-05	
Total Budget / FRC Budget	4 849 550.89 € / 302 727.36 €	
Starting – Ending Date	01/06/2024 – 31/05/2027	
Consortium	<ol style="list-style-type: none"> 1. Centre for Research & Technology, Hellas (GR) 2. IsZEB (GR) 3. Frederick Research Center (FRC) 4. IDRYMA TECHNOLOGIAS KAI EREVNAS (EL) 5. Energy@Work (IT) 6. Que Technologies (EL) 7. DEMO Consultants BV (NL) 8. Uni Systems (EL) 9. European Union of the Deaf AISBL (BE) 10. LAMA Società Cooperativa Impresa Sociale (IT) 11. Asociación Empresarial Centro (ES) 12. Municipality of Gabrovo (BG) 13. Musey Dom Na Humora I Satire (BG) 14. My Energia Oner SL (ES) 15. Ayuntamiento de Murcia (ES) 16. Comune di Bari (IT) 17. VAIMOO Srl (IT) 18. Municipality of Florene (IT) 19. Asociația de Standardizare din România (RO) 20. Hive Power (CH) 21. Azienda Elettrica Di Massagno (AEM) Sa 	
Project Objectives	<p>General: The Universal Accessibility Suite is an innovative project set to transform the accessibility and inclusivity of smart buildings and cities. By utilizing cutting-edge technologies like AI, BIM, and GIS, AccesS aims to establish barrier-free environments, enhance mobility, and ensure equitable access to essential services. It focuses on advanced analytics for eco-friendly design, energy optimization, and compliance with accessibility standards. The project also delves into sustainable practices, virtual user models, and adaptive building operations to cater to user needs. Emphasizing e-mobility and micro-mobility, AccesS aims to promote inclusive transportation options. Central to its objectives is the creation of an Accessibility Assessment Scheme to set clear criteria for evaluating accessibility. Through 6 case studies across different building types in 5 European cities, AccesS seeks to address real-world challenges. With 22 partners from 9 countries involved over 36 months, the project aims to maximize its impact on creating accessible and user-friendly environments.</p>	
Work Packages	WP1: Design and Integration of the AccesS Framework: Setting the Foundations for a Smart and Accessible Built Environment [CETEM].	

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- WP2: Social Inclusion and User-Centered Design Approach [LAMA].
 - WP3: Towards a common evaluation and certification framework for accessibility and inclusiveness [FRC].
 - WP4: Digitalization and Sustainable Design for the Built Environment.
 - WP5: Virtual User Modeling and Assistive Technologies for Accessibility [FORTH].
 - WP6: Intelligent Systems for Adaptive Building and Mobility Management [CERTH].
 - WP7: Advancing Accessibility and Sustainable Urban Environments [UNIS].
 - WP8: Development and Harmonization of Accessibility Assessment Scheme [FRC].
 - WP9: Pilots preparation and set up [FLO].
 - WP10: Demonstration and Impact Assessment I: Case of Cultural Heritage Buildings [MoG].
 - WP11: Demonstration and Impact Assessment II: Case of People Care Facilities [BHA].
 - WP12: Demonstration and Impact Assessment III: Case of Public Services Buildings [Bari].
 - WP13: Business Models and Roadmap to Innovation & Collaboration [E@W].
 - WP14: Communication, Dissemination & Exploitation I-II [DMO].
 - WP15: Communication, Dissemination & Exploitation I-II [DMO].
 - WP16: Project Management & Coordination I -II[CERTH]
 - WP17: Project Management & Coordination I -II[CERTH]

External References

<https://cordis.europa.eu/project/id/101147722>
