

Introduction to UP2030 Project

Funded by the European Commission, UP2030 is an innovation actions to support the implementation of the Climate-neutral and Smart Cities Mission under Horizon Europe research programme. In 36-months, the project will support cities in driving the sociotechnical transitions required to meet their climate neutrality targets by 2030. The project looks for transformative changes by applying the 5UP approach to *UpDate*, *UpSkill*, *UpGrade*, *UpScale*, and *Uptake in 10 pilot cities towards their climate neutrality journey*. Through co-development and implementation of science-based methods and tools, this programme guides cities to deliver across the values of equity, resilience, neutrality, and sustainability.

UP2030 sets demonstrators in 8 European pilot cities: Milan (IT), Rotterdam (NL), Zagreb (HR), Thessaloniki (EL), Granollers (ES), Budapest (HU), Lisbon (PT), and Muenster (DE); 2 cities from associate countries: Istanbul (TR), and Belfast (UK); and 1 city from an emerging economy: Rio de Janeiro (BR).

The project identifies their needs, barriers, and drivers towards neutrality, in order to establish the baseline conditions for each city. Visions are co-designed to address innovation in three keys, and interrelated, urban planning and design domains: *(i) connected*, *(ii) compact and (iii) net-zero cities*. The cities are encouraged to develop and implement roadmaps to translate their visions into practical actions, including customization and evolution of existing tools and approaches.

Lessons from UP2030 are analysed, extracted, and offered in “replication and transferability packages” to cities outside the project. An open-access training program on “urban planning and design for climate neutral and smart cities” is included within the outcomes. The project also plans to create synergies with the EU Missions on cities and initiatives to optimise use of resources and maximise impact.

Citizen’s engagement is crucial for the success of the project, as they are an integral part of the transition’s pathways of the pilot cities. They shall become agents of change through their sustainable behavioural shifts and lifestyle decisions.

The consortium of UP2030 is led by Fraunhofer IAO and comprises a total of 47 partners from 14 countries. The project started on January 1st, 2023. The kick-off meeting of UP2030 was held on 1st and 2nd February 2023, in Thessaloniki, Greece. Within these two days, all partners contributed with their innovative ideas, expertise, and enthusiasm to establish a fruitful collaboration in all project activities.



Project Partners

- UP2030 FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV
- UP2030 ADELPHI RESEARCH GEMEINNUTZIGE GMBH
- UP2030 BURO HAPPOLD GMBH
- UP2030 DESIGN CLIPS IDIOTIKI KEFALAIOUCHIKI ETAIREIA
- UP2030 GREENADAPT GESELLSCHAFT FUER KLIMAAANPASSUNG MBH
- UP2030 I-CATALIST SL
- UP2030 STICHTING ISOCARP INSTITUTE CENTER OF URBAN EXCELLENCE
- UP2030 THOMAS STELLMACH PLANNING & ARCHITECTURE
- UP2030 TECHNISCHE UNIVERSITEIT DELFT
- UP2030 UNIVERSITAT INTERNACIONAL DE CATALUNYA
- UP2030 GLOBAL GREEN GROWTH INSTITUTE
- UP2030 ICLEI EUROPEAN SECRETARIAT GMBH (ICLEI EUROPASEKRETARIAT GMBH)
- UP2030 STICHTING GLOBAL RESILIENT CITIES NETWORK
- UP2030 URBAN CLIMATE CHANGE RESEARCH NETWORK - EUROPEAN HUB APS
- UP2030 AQUATEC PROYECTOS PARA EL SECTOR DEL AGUA SA
- UP2030 CETAQUA, CENTRO TECNOLOGICO DEL AGUA, FUNDACION PRIVADA
- UP2030 PRAVO I INTERNET FOUNDATION
- UP2030 LABORATORIO NACIONAL DE ENGENHARIA CIVIL
- UP2030 ANAPTYXIAKI MEIZONOS ASTIKIS THESSALONIKIS AE - ANAPTYXIAKOS ORGANISMOS TOPIKIS AUTODIOIKISIS
- UP2030 MIDDLE EAST TECHNICAL UNIVERSITY
- UP2030 UNIVERSITY OF STUTTGART
- UP2030 VRIJE UNIVERSITEIT BRUSSEL
- UP2030 CENTRE FOR RESEARCH AND TECHNOLOGY HELLAS
- UP2030 FUNDACION CIRCE CENTRO DE INVESTIGACION DE RECURSOS Y CONSUMOS ENERGETICOS
- UP2030 STICHTING DELTARES
- UP2030 DRAXIS ENVIRONMENTAL SA
- UP2030 DREVEN SRL
- UP2030 CENTER FOR SOLAR ENERGY RESEARCH AND APPLICATIONS
- UP2030 K3Y
- UP2030 FONDAZIONE LINKS - LEADING INNOVATION & KNOWLEDGE FOR SOCIETY

- UP2030 MAGGIOLI SPA
- UP2030 UNIVERSITAT POLITECNICA DE VALENCIA
- UP2030 VESELA MOTIKA D.O.O. ZA PROIZVODNJU TRGOVINU I USLUGE
- UP2030 BUDAPEST FOVAROS ONKORMANYZATA
- UP2030 AJUNTAMENT DE GRANOLLERS
- UP2030 Istanbul Metropolitan Municipality
- UP2030 CAMARA MUNICIPAL DE LISBOA
- UP2030 LISBOA E-NOVA - AGENCIA DE ENERGIA E AMBIENTE DE LISBOA
- UP2030 COMUNE DI MILANO
- UP2030 STADT MUNSTER
- UP2030 GEMEENTE ROTTERDAM
- UP2030 DIMOS THESSALONIKIS
- UP2030 GRAD ZAGREB
- UP2030 EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH
- UP2030 MAPPING FOR CHANGE CIC
- UP2030 THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE
- UP2030 Belfast City Council

Learn more and be part of the UP2030 community...!

 <https://up2030-he.eu/>

 https://twitter.com/UP2030_HE

 <https://up2030-he.eu/>

Contact us!



Trinidad Fernandez; Fraunhofer IAO; Project coordinator.

 trinidad.fernandez@iao.fraunhofer.de