



ISTANBUL VISION

20 50

STRATEGY DOCUMENT



ISTANBUL'S 2050 VISION

Istanbul belongs, above all, to its inhabitants.

Istanbul is the largest city in Turkey and one of the few metropolises in the world. With many of its strengths and uniqueness, Istanbul is also facing local and global challenges.

Istanbul cannot be planned according to the priorities of certain groups, and definitely, top-down paternalistic approaches. The opportunity to find solutions to common problems together, the intellectual wealth and the scientific ground needed to plan a future that provides a good life for all Istanbulites are obtainable in Istanbul.

Istanbul 2050 Vision Themes

- The climate adaptive city that protects the environment
- Effective and inclusive mobility
- Integrated and smart infrastructure systems
- Vibrant and sensible spaces assuring good living for all
- Transformative and resilient economy
- Accessible and fair urban amenities for all
- Equal and free society

This document is for all Istanbulites!

Vision 2050 Office was established in February 2020 as a component of the Istanbul Planning Agency to answer the questions of "What kind of Istanbul do we want? How can we plan the future of Istanbul together?" with a vision and strategy.

The Istanbul Vision 2050 Strategy Document, prepared by the Vision 2050 Office by bringing together the ideas of Istanbulites and supported by data, is a future project for 16 million Istanbulites. It is the first plan that will provide the long-term and strategic view that Istanbul needs.

Istanbul Vision 2050 Strategy Document, shaped by a scientifically planned participation process believing in the power of producing together, has been prepared with a paradigm that prioritises improving the lives of Istanbulites and embraces positive discrimination of vulnerable groups.

The strategies of Istanbul are of a nature to affect the whole world, especially Turkey and its region. Therefore, the Istanbul Vision 2050 Strategy Document is primarily a

call for change for the entire country and the world, starting from the local and, simultaneously, an effort to solve problems of all these scales.

The document, which is a guide for all institutions and individuals working for Istanbul, especially the Istanbul Metropolitan Municipality (IMM), has been finalized with a strategic approach that integrates the city's long-term and multidimensional development dynamics.

The Istanbul Vision 2050 Strategy Document defines a total of 38 goals under seven themes and 246 goals that constitute the roadmap to implement Istanbul's vision and key policies for 2050, determined by the people of Istanbul. The goals and objectives are explained based on the analysis and data.

Being an Istanbulite means the dream of an equal, fair and free life for all citizens comes true, and it is possible to benefit from urban amenities and leave cultural traces.

ISTANBUL VISION 2050 STRATEGIC PLANNING PROCESS



Istanbul Vision 2050 Strategy Document Preparation Process

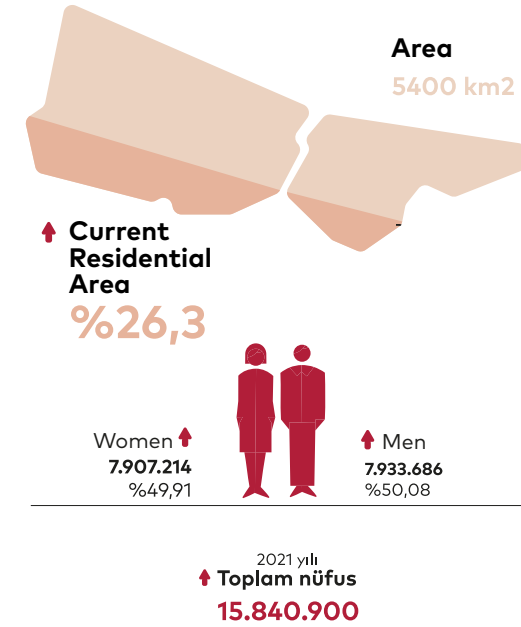
Istanbul Facts from Today to 2050

Istanbul Vision 2050 Strategy Document is a long-term roadmap for understanding Istanbul with data and planning the future of Istanbul together with Istanbulites. The Istanbul Vision 2050 Strategy Document was co-produced in a two-year process with participatory methods and an interdisciplinary approach. This process was conducted with the participation of scientists from different fields of expertise, representatives of non-governmental organizations, private sector and public institutions, and many stakeholders whose agenda is Istanbul and with over 20.000 Istanbulites.

Renewal and Monitoring of Istanbul Vision 2050 Strategy Document

The prosperity and future of Istanbul depend on its ability to bring its components together and put them into action. Therefore, throughout the long road to be walked until 2050, the Istanbul Vision 2050 Strategy Document will be reviewed and renewed according to changing conditions as a living document. In the upcoming period, a similar 'multi-layered participation approach' will be maintained by monitoring the experience that has been accumulated during the preparation process.

Vizyon 2050 Office and Vizyon 2050 website will enable Istanbulites to think, implement, monitor and evaluate together.



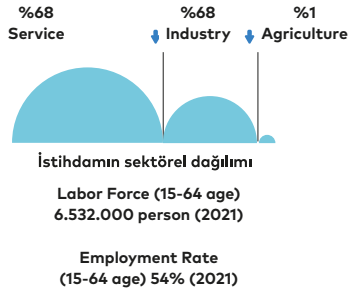
Demographics

The Istanbul Vision 2050 Strategy Document aims to understand the power and potential of Istanbul, strengthen them, and

bring solutions to the issues of Istanbul that are waiting for solutions.

Major Potentials of Istanbul

Productivity of the City



Ranking by Amount of Investment in Europe



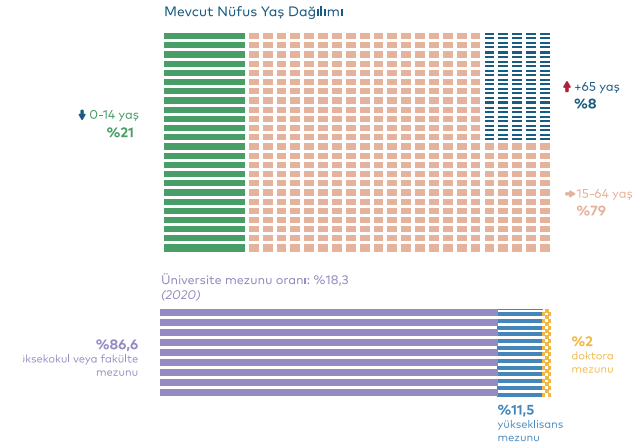
Ranking of Emerging Entrepreneurship Ecosystems



Istanbul is the centre of attraction for national and international investments and is a focal point that hosts a significant portion of the cultural, health, and education ame-

nities in Türkiye. In addition, an important number of cinema and theatre halls, private museums and cultural events in Turkey are in Istanbul.

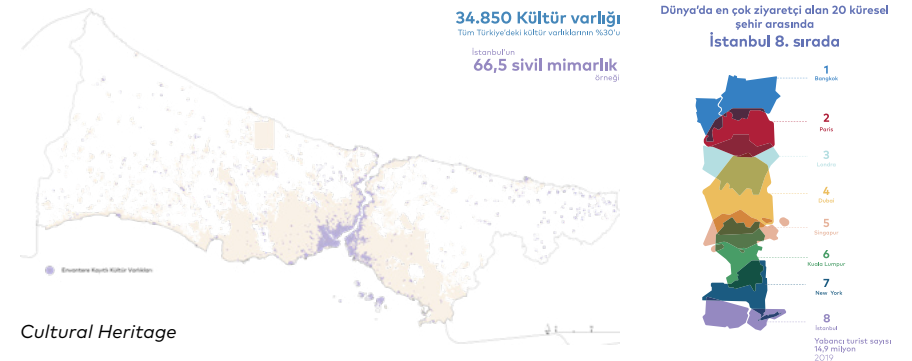
Young and dynamic population with skilled, innovative and creative people



The high youth and low dependent populations have a significant potential for the growth of urban economies in terms of the benefits that it provides to the employment market. Istanbul has the infrastructure that will increase the skills of the people

and support the adaptation of the workforce to the changing economic dynamics and working conditions with its many universities, vocational education institutions and developing lifelong learning programs.

Multicultural and unique values



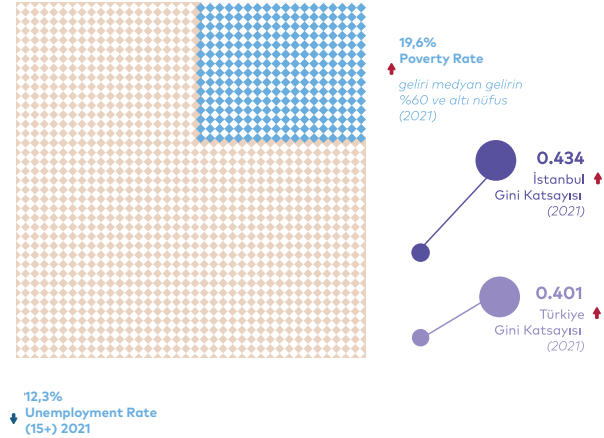
Cultural Heritage

Istanbul has been the meeting point of different ideas and identities from past to present, a focal point that hosts a significant portion of the cultural opportunities, center of attraction for economics and poli-

tics. The multicultural structure of Istanbul, which has been developing and changing for centuries, forms the basis of the city's cultural richness.

Istanbul's Priority Issues Awaiting Solution

Ensuring Income Justice, Increasing Welfare



The value created in Istanbul, the centre of Turkey's economy, needs to be shared more equitably. Economic problems such as po-

verty, unemployment and income inequality are among the essential problems of Istanbulites.

Improving the Quality and Accessibility of Urban Amenities for All

In Istanbul, urban amenities such as housing, health, education, culture-arts and sports need to be distributed more equally in the urban space. These activities, which

generally concentrate in the city centre, become sparse towards the peripheries of the city and are insufficient in rural areas.

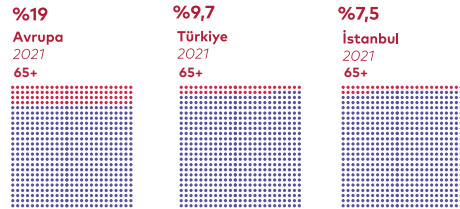


Educational and health amenities

Providing Urban Amenities and Services to Support Demographic Transformation

It is necessary to develop age-sensitive policies that will ensure the quality of life and welfare of elderly individuals and their participation in social life. It is essential to develop policies that take care of the age-

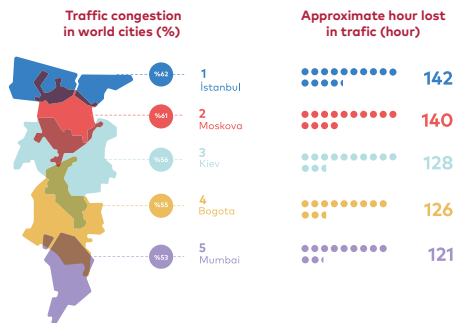
ing population in all aspects, especially in the fields of education, health and employment, and support the active and healthy ageing of the population.



Facilitating Transportation and Solving the Traffic Challenge(s)

In İstanbul, investments have been made in highways by prioritizing individual motorized transportation based on fast traffic

flow over the years. The new roads and the increasing number of vehicles have led to more traffic congestion in the long run.

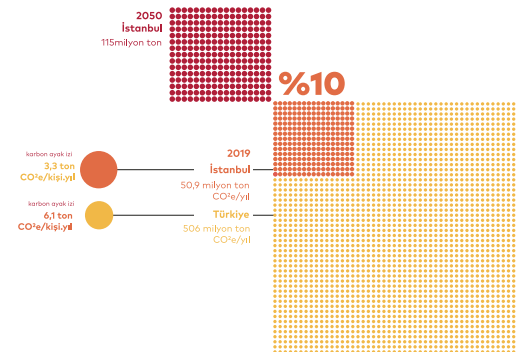


Tackling the Climate Crisis, Protecting Ecosystems

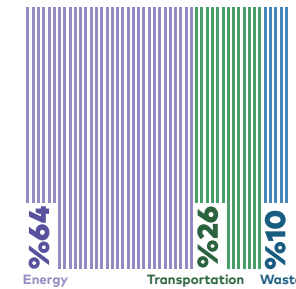
Global climate change is one of the most critical threats to the planet's future and people's well-being. Extreme weather

events, drought, and changes in the hot and cold days are the projected risks for İstanbul.

Greenhouse Gas Emission Levels of İstanbul and Turkey

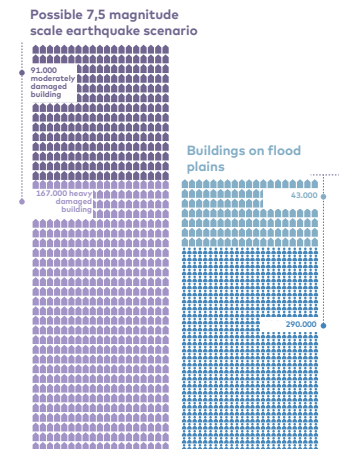


Co2 emission according to the sectors



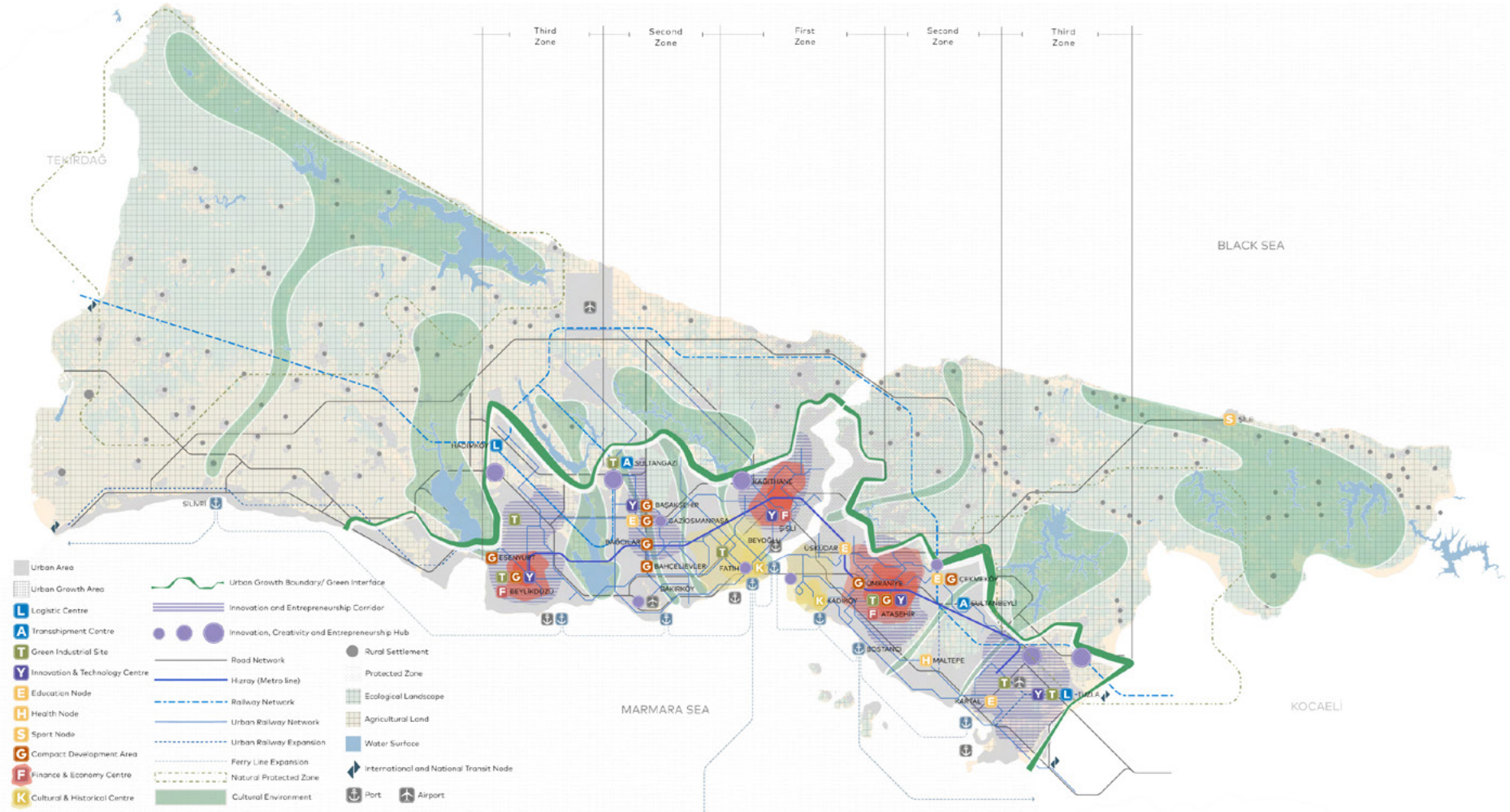
Being Prepared for Disasters

İstanbul should be prepared for natural and human-induced dangers such as earthquakes, effects of the climate crises, and cyber attacks. Therefore, to increase the level of earthquake preparedness and reduce the loss of life and property, there is a need for improvement or conversion of hazardous buildings, training of search and rescue personnel who will perform the first response after the earthquake, trainings and awareness raising activities on the earthquake that will prepare the society for earthquakes.



Istanbul 2050 Vision

*Istanbul, the World City
Where Life is Vibrant and
Free with All Its Diversity
and Everyone Lives Well*



The Scheme of Istanbul's 2050 Vision

By 2050, Istanbul will be the "World City Where Life is Vibrant and Free with All Its Diversity and Everyone Lives Well".

In 2050, Istanbul is the centre of creative and innovative people who produce together and learn from each other.

In Istanbul, the voice of the youth is heard and valued.

Istanbul is a green and high-tech production centre.

Istanbul is an indispensable centre for creative and innovative initiatives.

Istanbul is a rich city with all its possibilities, activities and capital.

Education, health, culture and art, shelter, and healthy food is for everyone and are of high quality.

The streets, squares and all public spaces of Istanbul are colourful and lively with culture, art and sports. All Istanbulites are a part of this, leaving their mark on Istanbul. Istanbul has transformed in a planned manner while continuing to be a global economic centre; it has increased its green spaces within the city.

People living in Istanbul enjoy walking on its streets, cycling to work or school, doing sports and playing games at all ages.

Istanbul has preserved its uniqueness and always will. The cultural heritage of Istanbul is always a part of the identity of Istanbul and Istanbulites.

Istanbul and Istanbulites.

Istanbul is a nature-friendly metropolis with all its components. All living things in the city are protected, and their well-being is looked out for. The nature and biodiversity of Istanbul are part of its authenticity.

Istanbulites stand together in the face of difficulties, always act together, and constantly and jointly discover innovative solutions to challenges.

Istanbulites stand together in the face of difficulties, always act together, and constantly and jointly discover innovative solutions to problems.

In 2050, Istanbul residents are happy and hopeful for the future.

Istanbul 2050 Vision Primary Policies

- *Istanbul urgently must turn into a fair city.*
- *Good life in Istanbul is everyone's right.*
- *Freedom is the soul of Istanbul.*
- *The nature of Istanbul is a priority.*
- *Istanbul must be a resilient and safe city.*
- *Istanbul is vibrant and innovative.*
Yesterday, today and tomorrow!
- *Istanbul is strong with its diversity.*
- *Youth is the energy of Istanbul.*

Istanbul Vision 2050 Themes

THE CLIMATE ADAPTIVE CITY THAT PROTECTS THE ENVIRONMENT

The climate crisis is not only an issue that concerns Istanbul but a global environmental issue that affects the world. With a roadmap that sets out the agenda to protect and maintain natural ecosystems, reduce environmental pollution and carbon footp-

rint, ensure climate justice, and enable action today to carry Istanbul into the future, Istanbul will become a city that protects the environment. It will be an adaptive city in a changing climate.

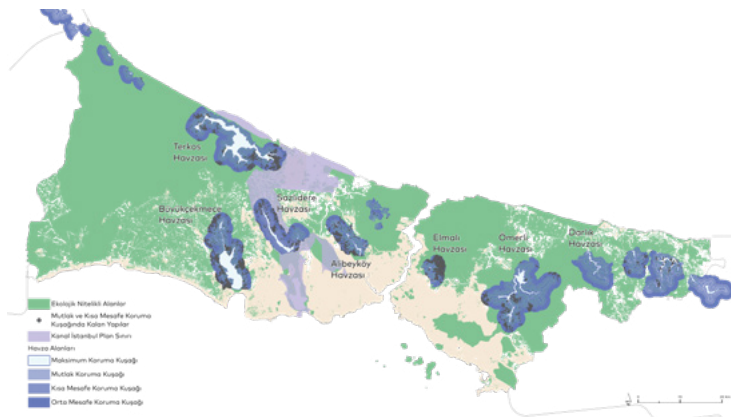


Goal 1

To Preserve, Improve and Restore Natural Values

Large-scale infrastructure investments in the north of Istanbul have caused the built area to sprawl towards the city's north. As the built area doubled since 1975, this sprawl has damaged forest areas, watersheds and biodiversity, which are vital for

Istanbul. For this reason, controlling the expansion of the built environment, preserving natural resources and restoring the damaged ecosystems are critical objectives.



Canal Istanbul and the Water Basins

Objectives:

- Creating a buffer zone to control the expansion of the built environment
- Protecting watersheds, surface and underground water resources
- Reintroducing damaged wetlands such as streams and lakes to the ecosystem
- Protecting coastal and marine ecosystems through the integrated coastal areas management approach
- Integrating fragmented ecosystems, primarily the Northern Forests
- Recognizing and protecting all living beings as elements of the ecosystem and part of the urban culture
- Preserving feeding and resting areas of bird species, mainly migratory and visitor species, in the city
- Preparing an inventory on biodiversity, especially endemic and endangered species, and raising international awareness

Goal 2

To Reduce Environmental Pollution and Greenhouse Gas Emissions

Uncontrolled development of human activities and inefficiency in monitoring, supervision and penalising mechanisms cause many problems such as air, soil, water and noise pollution. These problems adversely affect the quality of life and ecological va-

lues in Istanbul and undermine the action against the climate crisis. In this context, the objectives are aligned with emission reduction, energy efficiency, waste management and the prevention of all kinds of pollution approaches.

Objectives:

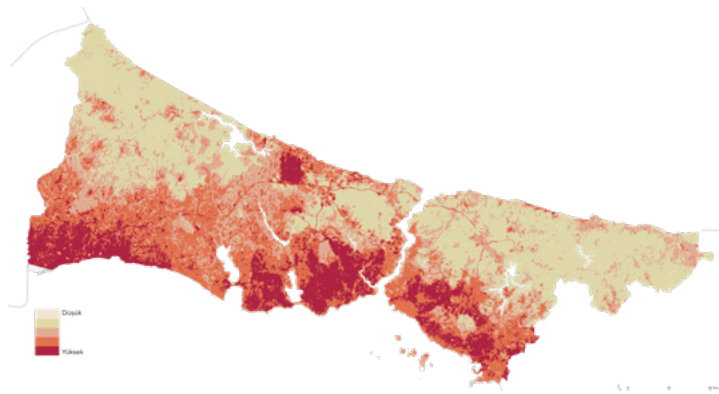
- Expanding the scope of emission reduction practices to improve air quality and enhancing measurement systems
- Ensuring energy efficiency and reducing consumption, increasing the share of renewable energy in energy production and consumption
- Supporting sectors towards green transformation and reducing greenhouse gas emissions
- Reducing the carbon footprint of existing structures and constructing new structures as low-carbon structures
- Expanding eco-friendly transportation and reducing transport emissions
- Adopting the zero-waste approach to reduce waste generation at source, increasing reuse and recycling
- Using environmentally friendly lighting systems to reduce light pollution
- Increasing practices and awareness-raising activities to reduce noise pollution
- Monitoring and reducing the adverse impacts of different sectors and urban uses on soil contamination
- Reducing marine and coastal pollution through effective waste management

Goal 3

To Increase the City's Capacity to Adapt to Climate Change and to boost the Participation of Citizens in the Fight Against the Climate Crisis

The effects of climate change, such as extreme weather events, drought and sea-level rise, have destructive effects on human life, all living beings and urban infrastructure. Moreover, as Istanbul is dependent on other cities for energy, water and food provision, its adaptive capacity has become one of the most critical competencies

of the city. Thus, citizen participation has become an indispensable necessity in the fight against the climate crisis. Therefore, the objectives set to create the necessary mechanisms to reduce the damages of the climate crisis, strengthen adaptation and manage its effects.



Land Surface Temperature in Istanbul

Objectives:

- Reducing the vulnerability of the urban amenities and the infrastructure against climate risks and increasing adaptive capacity
- Expanding the urban carbon sinks and adopting climate-friendly landscapes
- Protecting cultural heritage against the effects of the climate crisis and strengthening its role in the climate action
- Reducing vulnerability of the food supply processes against climate risks, using urban agricultural areas effectively
- Increasing environmental management capacity and establishing participatory governance mechanisms
- Increasing citizens' environmental awareness and ensuring their participation in the climate action
- Supporting the civil space to strengthen Istanbul's climate action

Goal 4

To Ensure Climate Justice

The destructive effects of the climate crisis have unequal consequences on urban space and society. The disadvantaged groups such as the urban poor, disabled people and the elderly face various challenges regularly, including income inequality, low quality of life and housing. As current challenges cause these groups to be disadvantaged,

the impacts of the climate crisis are more intense on these groups, and the existing injustices deepen. For this reason, essential objectives are improving preventive health-care, preventing economic inequalities that may occur due to adaptation policies, and implementing just transition and supervision mechanisms.

Objectives:

- Identifying and reducing society's vulnerability to the multidimensional impacts of the climate crisis
- Minimizing the effects of climate risks on human health through preventive healthcare
- Eliminating economic inequalities that may arise due to the effects of the climate crisis and adaptation policies
- Implementing fair and regulatory mechanisms to ensure climate justice
- Ensuring just transition, especially for vulnerable groups

Goal 2

To Promote Pedestrian and Bicycle Transportation as a Mode of Transportation Throughout the City

The importance of being able to access urban service areas and public transport stops on foot or by bicycle has become more apparent during the COVID-19 pandemic. The aim is to spread pedestrian

and bicycle transportation as a mode of transportation by supporting urban design interventions, improving the infrastructure, and promoting innovative practices geared towards enabling access to urban areas.

Objectives:

- Strengthening urban functions at the neighbourhood scale to increase walkability
- Implementing urban design interventions to improve the comfort of pedestrians
- Expanding active and micro-mobility networks throughout the city and ensuring the continuity of these networks
- Expanding bike-sharing and micro-mobility infrastructures and supporting innovative initiatives
- Promoting walking and cycling habits of Istanbulites for a healthy life
- Encouraging active mobility through the inclusion of cultural heritage in pedestrian and cycling routes



Goal 3

To Ensure Traffic Safety

Traffic accidents have become a public health problem in the world as well as in Turkey. This issue forms a key challenge not only in individual automobile use but also in terms of making public transport and micro-mobility users and pedestrians feel safe.

Speed limit, awareness, monitoring and auditing mechanisms are important steps to ensure traffic safety to prevent traffic accidents in Istanbul, especially in central spots and service areas where human mobility is high.

Objectives:

- Improving road safety on all networks by giving priority to accident-prone locations
- Providing safe speed management by taking people's mobility and spatial characteristics into account
- Carrying out awareness and training activities for the creation of road safety
- Developing road safety monitoring and auditing mechanisms in public institutions and civil society

Goal 4

To Ensure Inclusiveness of the Transportation Systems

A transportation system that meets the variety of needs of different groups such as the disabled, elderly and women and considers the changing usage characteristics

is essential for fair and equitable access to urban amenities as well as transportation services.

Objectives:

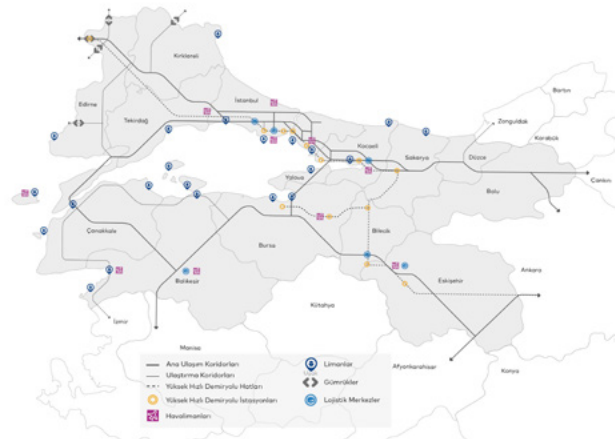
- Making transport infrastructure accessible for all
- Ensuring security for all in transportation systems by considering disadvantaged groups
- Expanding the scope of affordability in transportation systems by considering the needs of different groups
- Supporting accessibility in transportation systems with digitalization and technology
- Increasing participation in decision-making processes in urban mobility to include disadvantaged groups

Goal 5

To Provide Environmentally-Compatible Human and Freight Mobility with Strong Global and Regional Connections

The ports, rail connections and logistics centres of the Marmara Region and Istanbul help the city maintain its position as an international focal point and its strength in the national economy. However, this situation has implications on intra-city mobility in Istanbul with negative effects such as

traffic load and air pollution. In this context, objectives have been set so as to observe the ecological boundaries within the city and increase the connections of logistics functions with the railway and urban public transportation system and environmentally friendly applications.



Regional Transportation Networks in Istanbul

Objectives:

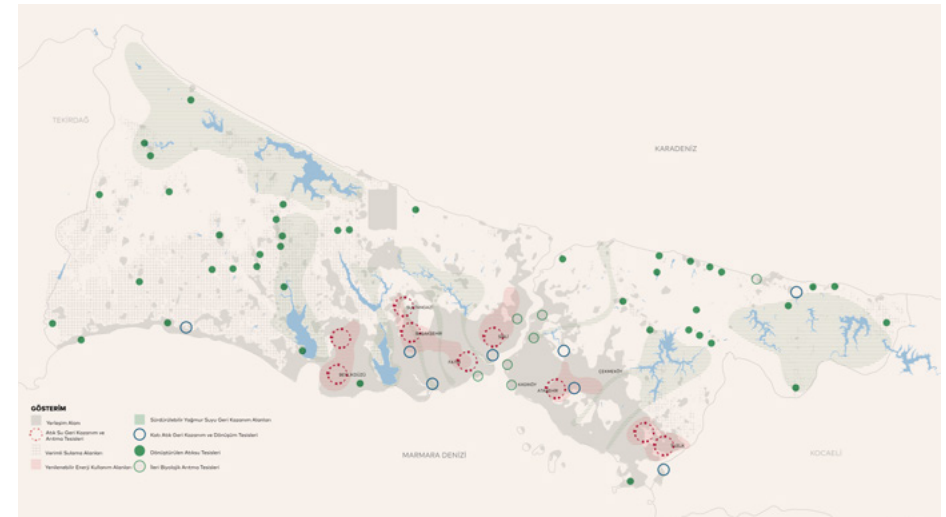
- Planning of graded freight consolidation centres throughout the city by taking ecological boundaries into account
- Increasing accessibility to industrial areas, primarily by rail
- Reducing the number of heavy vehicles entering urban traffic by using the railway and maritime transport effectively in freight movements
- Promoting the use of innovative and environmentally-friendly vehicles in the supply and distribution of goods and services
- Developing an urban logistic management system
- Ensuring the effective use of low-emission transportation modes in international and extra-urban people's mobility
- Strengthening the connection between the main transport hubs of the city such as ports, bus stations, train stops and airports, and urban public transport systems

INTEGRATED AND SMART INFRASTRUCTURE SYSTEMS

In 2050, Istanbul will become a city where integrated and smart infrastructure systems will offer greater efficiency and remote intervention possibilities through inter-institutional coordination. Furthermore, the city will ensure the sustainable use of natural resources with the help of

renewable energy systems, waste management systems, and sustainable water systems. Such implementations will reduce the dependency on other cities for water. In addition, urban amenities and rights will be more easily accessible by providing access to safe and reliable open data.

The 2050 Scheme of integrated and smart infrastructure systems



Goal 1

To Increase Coordination and Efficiency in Infrastructure Systems through Innovative Technologies

Partial approaches in infrastructure cause problems such as human-induced errors in service provision and continuity, duplicated practices, cost increases, and loss and leakage. For this reason, the inter-institutional integration and the coordination in diffe-

rent components of infrastructure systems, such as water, energy, telecommunication, and waste, and the effective and autonomous intervention in case of damage and failure are indispensable objectives for achieving efficiency in infrastructure systems.

Objectives:

- Establishing smart management systems to ensure effective cooperation, coordination, and efficiency in infrastructure management
- Ensuring integrated financial management of infrastructure services
- Developing technologies to minimise human and system errors in the control, the detection, and the intervention of infrastructure systems
- Creating Istanbul's digital twin to foresee future needs, potentials, and problems

Goal 2

To Increase the Share of Renewable Energy in Power Generation and Consumption

The energy sector has the highest share of greenhouse gas emissions, and it causes significant destruction of natural resources. Therefore, the widespread use of renewable energy worldwide has become one of the

most basic approaches to eliminating energy precarity in energy-dependent cities. In addition, ensuring energy efficiency, especially in economic activities, is essential for energy consumption and efficiency.

Objectives:

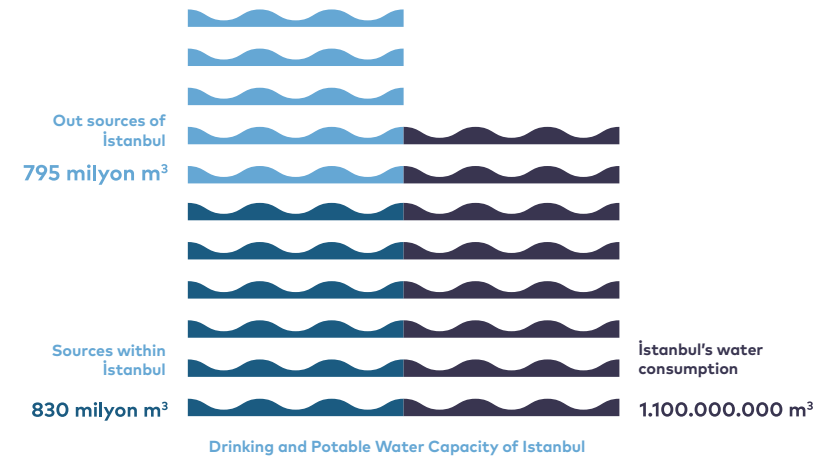
- Establishing renewable energy systems in structures and encouraging grid integration
- Increasing the use of renewable energy systems in public buildings and urban amenities, ensuring energy efficiency
- Establishing a common infrastructure for the use of renewable energy in industrial areas, especially in organised industrial zones
- Promoting the use of solar energy systems for roofs and facades in large structures
- Increasing the number of wind power plants considering the ecological boundaries, cultural heritage and residential areas
- Increasing the use of biomass energy
- Developing innovative methods by cooperating with R&D centres and universities for renewable energy

Goal 3

To reduce dependence by developing sustainable water systems

The sudden effects of the climate crisis, such as irregular precipitation, pose significant risks for Istanbul, which is already dependent on neighbouring provinces for water supply. As water is the most basic need for the continuity of life, securing water as an asset is an essential objective. For this

reason, reduction of water consumption, prevention of loss-leakage rates, which are already at critical levels, and using sustainable rainwater, greywater systems, and wastewater treatment technologies are crucial.



Objectives:

- Reducing water consumption per capita
- Meeting the need for clean and accessible water for all Istanbulites
- Reducing water loss and leakage
- Reducing water consumption in industrial activities and ensuring the recovery of industrial wastewater
- Increasing the use of efficient irrigation techniques in agriculture
- Increasing sustainable rainwater solutions
- Making the use of greywater systems more prevalent
- Obtaining fresh water for general use from seawater
- Increasing the amount of water recovered through biological and advanced biological wastewater treatment

Goal 4

To Reduce the City's Amount of Waste through Effective Waste Management

With increasing population and changing consumption habits, alongside the amount of waste increasing with industrial activities and conventional methods used in waste disposal, environmental pollution and natural resource consumption are also

growing. Practices for recycling and recovering waste and the circularity approaches align with these objectives to ensure effective waste management and reduction of waste.

Objectives:

- Reducing and separating waste generation at the source
- Increasing the recycling and recovery of wastes
- Establishing a waste collection system throughout the city to reduce the carbon footprint of waste collection activities
- Ensuring sustainable waste management and circularity in industrial activities

Goal 5

To Increase Disaster Preparedness and Safe Urban Infrastructure Systems

Throughout its history, Istanbul has seen many disasters, including earthquakes, floods, and fires. Therefore, reducing risks such as earthquakes, an actual reality in Istanbul; excessive precipitation, the effects of which are increasing due to the climate

crisis; and cyber-attacks accompanying digitalisation and preventing them from turning into disasters are important objectives set to help support the resilience of infrastructure systems.

Objectives:

- Increasing the resilience of urban infrastructure systems against disaster risks
- Establishing and integrating early warning systems
- Increasing security against cyber-attacks in infrastructure systems and organisations
- Introducing storage systems for basic needs for post-disaster

Goal 6

To Increase the Inclusiveness of Information and Communication Infrastructure, To Provide Secure and Reliable Open Data

In the increasingly digital world, human relations, consumption patterns, and the continuity of economic activities have become indispensable components. The importance of information and communication infrastructure and inequalities in having access to internet services have become visible du-

ring the COVID-19 pandemic. Ensuring personal data security in the digitalising world, ensuring impartial, accurate data generation and sharing, strengthening the internet infrastructure, and providing these free of charge are among the necessary objectives.

Objectives:

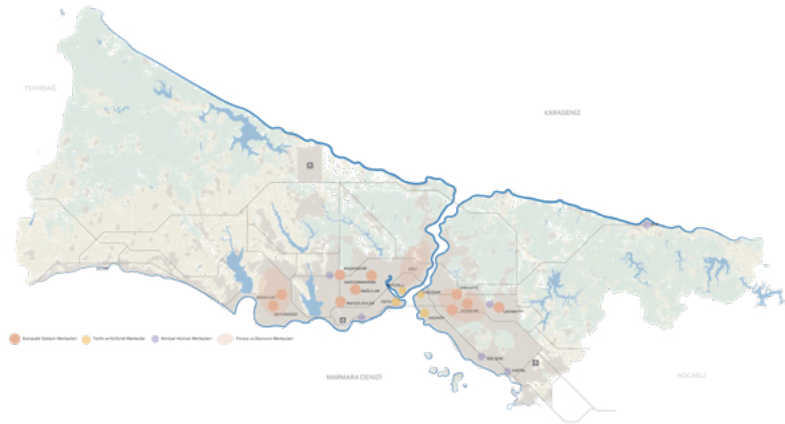
- Providing data generation that includes all city residents, including disadvantaged groups, protects personal data.
- Developing integrated data collection, monitoring, and evaluation tools across all urban services
- Promoting digital city applications that will allow for transparent and fair data sharing
- Processing and use of data by considering social justice and ethical principles
- Developing information and communication technologies infrastructure and offering more comprehensive free internet service

Goal 2

To Ensure the Balanced Development of Urban Space to Improve the Quality of Life

The uneven distribution of central districts at different scales in Istanbul adversely affects the quality of urban space. For Istanbul to develop without further sprawl into natural areas, the objective is to ensure that urban amenities and urban centres

with different functions are located together are distributed evenly, and the distribution of housing and employment is balanced through a spatial organization with transportation links to support it.



Urban Hierarchy

Objectives:

- Creating self-sufficient sub-regions with urban amenities and services
- Providing transport links to support spatially equal and multi-central development in the urban areas
- Ensuring the spatially equal distribution of urban amenities, serving the city as a whole
- Reducing the strain of transportation on the city by balancing the distribution of housing and employment
- Re-functioning of unsustainable and idle areas to improve urban opportunities further, create a vibrant and innovative city and make them part of urban life again

Goal 3

To Develop Dynamic Public Spaces That Support Vibrant Urban Life

The open and green spaces are fundamental elements to ensure the quality of life. However, within the urbanization dynamics of Istanbul, the green spaces fail to meet national standards. In addition, public open spaces such as squares, pedestrian zones, shores, beaches, fairgrounds, and festival areas are also unevenly distributed throughout the city.

Accordingly, the key objectives include increasing access to open and green spaces and creating lively and accessible public spaces. Furthermore, restoring coastal areas and different elements of nature in the city is also one of the fundamental interventions to ensure quality urban life.

Objectives:

- Increasing the quality of all public spaces and making improvements for their safe and active use
- Making the public open space system sustainable, flexible, and adaptive, and strengthening public open system connections
- Restoring elements of nature and using them within the active public space system
- Creating public spaces that respond to the specific needs of the population living in that area through participatory processes in line with the characteristics of different sub-regions
- Developing accessible and vibrant coastal areas within the public open space system
- Creating public spaces that allow multiple and joint uses for the future and that nurture social memory
- Making cultural heritage part of the public space system
- Creating hybrid public spaces to support the urban economy
- Improving public spaces to allow individuals with different physical competencies to participate in urban life

Goal 4

To Protect Cultural Heritage and Strengthen Its Connections with Urban Life through Creative and Innovative Approaches

Istanbul's cultural heritage is a shared wealth in which space, memory, nature, and culture are interrelated. It is a shared wealth that includes multi-layered and multicultural values with examples ranging from 400 thousand years of archaeological heritage to the 20th-century architectural

heritage. Key objectives include offering innovative services, nurturing creativity, meeting social needs, and increasing the quality of urban life by handling these examples of heritage as accessible, living, and livable spaces.

Hedefler:

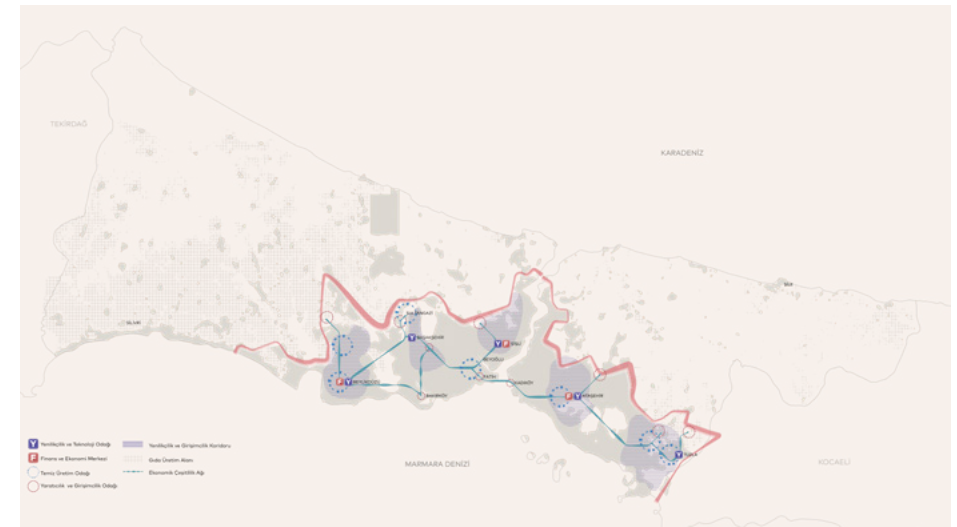
- Ensuring multi-layered integrated protection in cultural heritage areas
- Improving the quality of life in cultural heritage areas and the prevention of abandonment through conservation and restoration
- Preserving and developing the use of historical structures in cultural heritage areas
- Using cultural heritage spaces to meet social needs through creative and innovative approaches
- Ensuring the digital presentation, the documentation, and the management of cultural heritage
- Implementing and propagating a site management system that takes into account the principle of subsidiarity and the right to cultural heritage
- Developing technical, economic, and management support mechanisms for all stakeholders in the preservation process

TRANSFORMATIVE AND RESILIENT ECONOMY

The innovative, creative and varied industrial structure and skilled labour force empower the economy of Istanbul. By utilising the economic strength and its transformative power for constituting inclusive emp-

loyment, prioritising the environment and the green transition, and information and technology-oriented approaches, Istanbul will become a city with a transformative and resilient economy.

The 2050 Sheme of Transformative and Resilient Economy

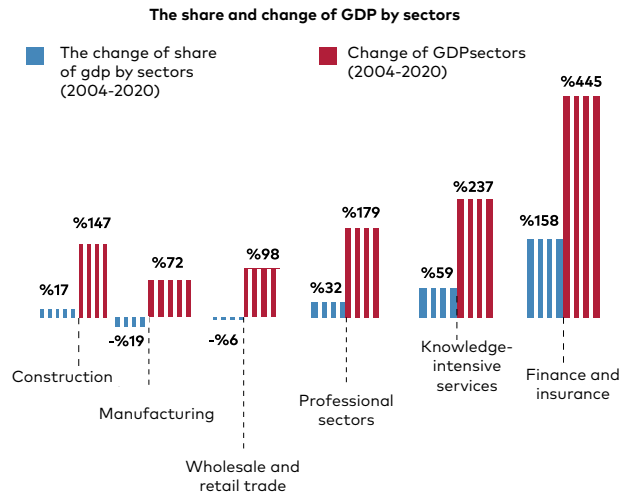


Goal 1

To Transform the Production towards Knowledge, Technology and Innovation Orientation

The production of knowledge worldwide and the new generation technologies based on this knowledge are transforming the forms of production and consumption in the economy, redefining sectoral roles. On the other hand, the non-knowledge-in-

tensive services and the low-tech manufacturing activities have a significant share in Istanbul's economy. Thus, the objective is to transform these activities into knowledge-intensive and high-tech services and activities.



Objectives:

- Providing an encouraging and facilitating business environment for high-tech and knowledge-intensive investments
- Strengthening Istanbul's creativity and innovation ecosystem
- Developing Istanbul's R&D and innovation infrastructure
- Supporting interfaces and networks to enable knowledge spillovers at global and local scales
- Establishing mechanisms to improve cooperation and interaction between production, R&D and innovation actors
- Ensuring the adaptation of all companies, with SMEs being a priority, to new technologies

Goal 2

To Make Istanbul a Center of Attraction for Innovative and Creative Initiatives

Despite Istanbul's labour-intensive and low-tech economic structure, the startup profile has been evolving into knowledge-intensive and high-tech activities, increasing investments in these activities. The objectives such as developing funding

sources, increasing access to global information networks and markets, and increasing Istanbul's entrepreneurial capacity will accelerate the share of Istanbul-based initiatives that stand out internationally and make Istanbul a centre of attraction.

Objectives:

- Diversifying funding sources and developing a city-specific fund that supports initiatives and creativity
- Expanding the access of initiatives and creative actors to national and international information networks and markets
- Developing and disseminating a culture of entrepreneurship, creativity and innovation in society
- Creating foci that support innovative and creative initiatives and increase their interaction
- Increasing and supporting the entrepreneurial capacities of youth and women
- Increasing the continuity and the scale-up capabilities of new initiatives
- Developing a legal and managerial network to encourage and facilitate innovative entrepreneurship and creativity



Goal 3

To Improve Economic Diversity and Cross-Sector Interactions

To make Istanbul's economy compatible with the transforming global economy and more resilient in the face of shocks, the objective is to maintain sectoral variety throughout the city and strengthen the interaction

on between sectors. To this end, it is vital to use sectors like creative industries and the sector of information and communication, which already create added value, as catalysts in sectoral interaction.

Objectives:

- Improving interaction and cooperation between actors that are spatially or sectorally related
- Supporting local production and local producers to promote natural and cultural potentials and to increase the sectoral variety
- Increasing national and international dialogue and cooperation opportunities for different institutions, sectors and economic stakeholders
- Offering a shared infrastructure to meet the mutual needs of sectors and increase their interaction
- Strengthening social entrepreneurship, cooperatives and economic solidarity networks as actors in the economy

Goal 4

To Achieve Green Transition

Due to the effects of the climate crisis, natural resource limitations and increasing pollution worldwide, a significant need for transformation in production structures has emerged. In addition to reducing pollution in production processes to fulfil the needs of

transition, the reduction of electricity consumption, the limitation of natural resource use and the reduction of carbon footprint, the transition to circular production systems, and the production of eco-friendly products are other critical objectives.

Objectives:

- Reducing the use of natural resources and carbon footprint in production and logistics
- Supporting the production of eco-friendly products
- Developing green and sustainable financing models
- Establishing and promoting circular production and consumption systems
- Increasing the efficiency and the share of renewable energy use in industry and businesses
- Increasing the use of green-blue infrastructure in the spatial organisation of industries, primarily the organised industrial zones
- Supporting the transition of agricultural production from industrial production to agroecological production
- Providing information and support mechanisms to facilitate the adaptation of sectors to green transformation

Goal 5

To Increase the Adaptation of the Workforce to Transformation Processes and the Inclusiveness of Employment

Global trends such as green transition, Industry 5.0 and the transition to a knowledge economy cause various transformations in both global and local economies. As these transformations lead to a shift in the spatial distribution of economic activities,

they also require the labour force transition. Moreover, developing the labour force's skills enables adaptive capacity in the face of shocks and crises and improves economic resilience. In this context, the principle of just transition becomes a core need.

Objectives:

- Ensuring skilled labour force capacity that supports the innovative and creative transformation of the economy
- Ensuring just transition across the changing economic structures
- Developing new working models in line with changing production forms
- Supporting the inclusion of disadvantaged groups in the labour force and improving employment conditions in all economic activities



ACCESSIBLE AND FAIR URBAN AMENITIES FOR ALL

Istanbul's ambition to become a city that provides access and fair urban opportunities for everyone can only be realized by ensuring residents benefitting equally from urban opportunities and leaving cultural traces. Owing to the rising quality and qu-

antity of culture and art, cultural heritage, healthcare, education, housing, food, and sports facilities for all Istanbulites, Istanbul will become a city with accessible and fair urban opportunities for everyone by 2050.

Goal 1

Making the City a Hub for Arts and Culture with Active Participation of Istanbulites

Istanbul is an important world city in terms of cultural opportunities and cultural interaction. The aim is to position the city as a hub for arts and culture with active participation by appreciating this potential of the city, strengthening cultural and artistic op-

portunities with quality services that address all Istanbulites, democratizing cultural and cultural heritage management, and making it accessible to all, and increasing the potential for cultural production.

Objectives:

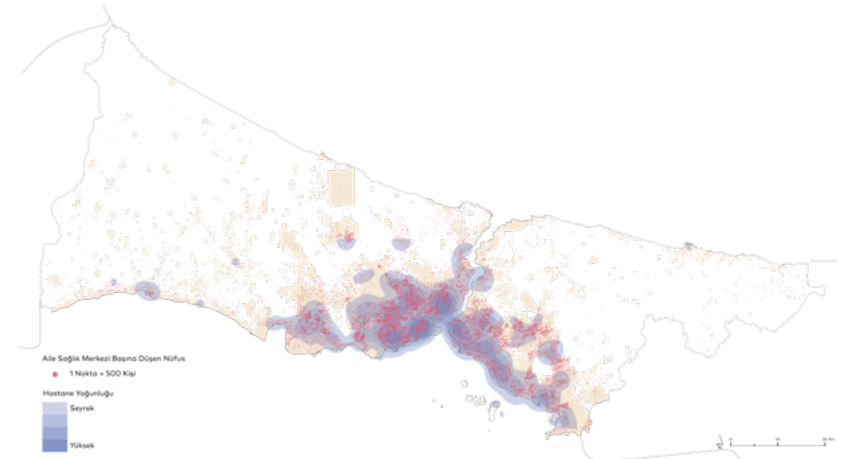
- Ensuring access to inclusive and quality cultural services throughout the city
- Raising the international visibility of Istanbul's cultural values and opportunities for intercultural interaction
- Supporting the cultural values produced by different cultural and social groups to increase the cultural richness of Istanbul
- Implementing culture and cultural heritage management through participatory, monitorable and transparent processes
- Supporting and disseminating innovative and independent cultural production
- Creating an accessible public culture and art production spaces for all
- Increasing cultural literacy to increase the cultural production potential of Istanbulites
- Ensuring fair and balanced use of access to culture and heritage that enables interaction between residents and visitors

Amaç 2

To Improve Healthy Living Conditions and Provide Access to Quality Healthcare Services

Istanbul has a relatively low capacity in terms of healthcare facilities compared to the average numbers in EU and OECD countries, and healthcare facilities in the districts are below national standards. Making healthcare services affordable, accessible,

and qualified for everyone, developing protective and preventive healthcare services, improving the physical environment, and making the healthcare system resilient to disaster risks are among important objectives.



Population per Family Health Centre and Hospital Density

Objectives:

- Improving the physical environment to enable healthy living and protect public health
- Providing affordable, accessible and qualified health services for all individuals
- Developing protective and preventive healthcare services, making primary healthcare services effective and preferable
- Preventing social and individual health risks that may occur due to potential epidemics, crises and disasters
- Developing innovative healthcare technologies and expanding access
- Disseminating health literacy that will help individuals acquire healthy living habits
- Developing and disseminating effective healthcare services suitable for different age groups to fight all kinds of addiction
- Providing qualified, continuous care services for individuals in need of care
- Making services aimed at strengthening mental health accessible and demanded
- Improving access to information and services on sexual health and reproductive rights

Goal 3

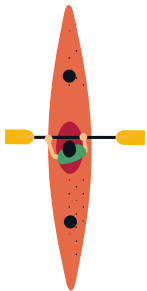
To provide access to educational services where individuals of all ages will acquire the skills to reveal their potential

Education is one of the basic needs that individuals need throughout their lives in different age groups. Formal education, early childhood education, education services for children with special needs, and increasing the quality of life-long education are im-

portant targets for individuals of all ages to acquire the skills that will reveal their potential so that individuals can develop their potential and reduce their economic fragility.

Objectives:

- Developing innovative and creative practices that will increase the quality of schools in formal education
- Supporting access to quality education for groups deprived of educational opportunities
- Ensuring that every child has access to quality early childhood education
- Ensuring that children with special needs receive an early educational diagnosis and early education services
- Increasing and expanding life-long learning opportunities
- Creating qualified learning, working and production areas that will allow access to information resources and skills development throughout the city
- Developing and disseminating free learning spaces outside the school
- Preventing children and young people from dropping out of education
- Developing vocational training and higher education opportunities that improve the chance of employment and raise individuals' skills
- Increasing the capacity of individuals to use digital and technological tools and their ability to technology generation

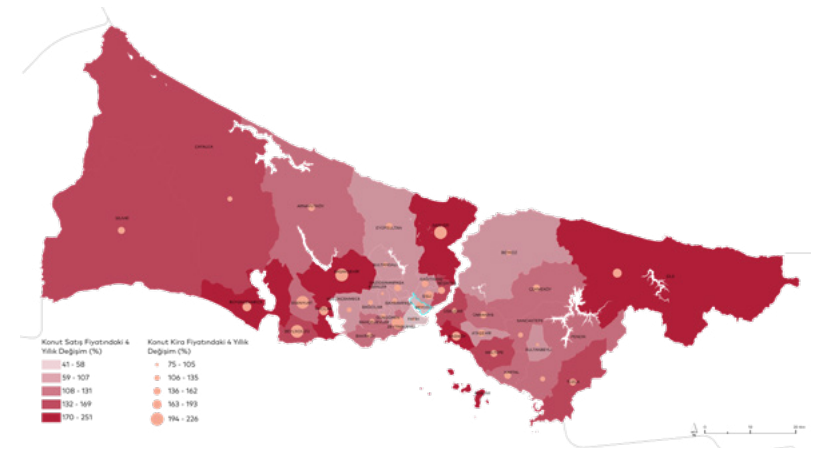


Goal 4

To Ensure Istanbulites' Access to Comfortable and Affordable Housing

Rising housing prices, lack of alternative types of housing, and the transformation of housing into an investment tool cause a housing crisis in Istanbul. The aim is to strengthen the role of local governments as

a balancing and regulatory actor, diversify housing alternatives and promote different forms of housing delivery so that injustice in access to housing in Istanbul is eliminated.



Rental and sales values of Housing

Objectives:

- Strengthening the role of local authorities as stabilizing and regulating actors for the development of a fair housing market
- Diversifying housing alternatives to meet the needs of different social groups
- Developing residential areas in a manner to include mixed economic groups
- Producing social housing and social rental housing for those facing problems to access housing
- Establishing a rental housing system protecting the rights of all stakeholders
- Diversifying community-oriented construction, ownership and operating models to ensure a fair housing delivery
- Ensuring housing production with a participatory and inclusive understanding that takes different needs into account

Goal 5

To Ensure Access to Healthy Food in All Circumstances

The deterioration of the agricultural production structure, the climate risks arising from the climate crisis, and the decrease in production lead to an increase in food prices. The aim is to develop a regional food system and alternative sales channels, encourage agricultural production and make

the supply chain resilient to disasters and risks so that all residents have access to healthy water and that the food is guaranteed in Istanbul, which had relied on foreign sources in the supply of food throughout its history.

Objectives:

- Developing support mechanisms to ensure that everyone has access to healthy water and food
- Establishing a regional food system that will ensure that Istanbul's food demand is met by the surrounding region
- Creating and supporting multi-actor alternative sales channels to offset food inflation
- Increasing agricultural production and urban agricultural areas; encouraging production
- Developing a climate-friendly and disaster-resilient production-supply system to prevent unnecessary consumption and waste
- Inspecting food health conditions transparently throughout the supply chain to ensure food safety in Istanbul
- Supporting research and innovative methods on Istanbul's agri-food system
- Ensuring cultural transformation on healthy eating, especially for children

Goal 6

To Develop The Sports Infrastructure at International Standards, To Ensure The Adoption Of Sports As a Lifestyle

Sports and physical activity are the basic criteria of a healthy life. For this reason, it is important to make sports and physical activity daily habits for all Istanbulites. Key objectives for this goal include developing the already inadequate sports facilities in Istanbul in accordance with international

standards and to enhance accessibility for all Istanbulites. These can be achieved by ensuring a balanced distribution throughout the city, by diversifying sports branches including Paralympic sports, and by supporting the training of successful athletes.

Objectives:

- Disseminating sports as a lifestyle, increasing the sports habit of Istanbulites
- Increasing sports facilities, developing infrastructure at international standards and ensuring accessibility for all Istanbulites
- Increasing the number of sports events of different scales and branches, including the Olympics, and encouraging the participation of Istanbulites in these events
- Increasing the diversity of sports branches, including Paralympic sports, and promoting different sports
- Increasing the number of coaches, trainers and supporting personnel for the training of athletes and raising the number of licensed athletes
- Ensuring gender balance in sports
- Supporting R&D studies in sports and increasing the use of technology



EQUAL AND FREE SOCIETY

By 2050, Istanbul will become an Equal and Free city where the varying needs of Istanbulites are recognized; the opportunities for intercultural dialogue are abundant; the youth have a say in the policies regarding

the city; the elderly can live independently; the gender equality is achieved and, of course, the income inequality is prevented and the poverty is reduced.

Goal 1

To Enable All Social and Cultural Groups to Live Together with their Unique Identities

Throughout history, migrations have been the determinants of the unique demography of Istanbul, while enriching cultural heritage and enabling different cultural groups to co-exist. Maintaining cultural richness, enabling different groups to exist peacefully without compromising on their unique

characteristics, strengthening the sense of belonging and solidarity through the shared values of the city, and improving the support mechanisms that will contribute to the coexistence of migrant groups living in Istanbul are key objectives.

Objectives:

- Providing opportunities for different cultural and social groups to maintain, develop and share their cultural values
- Creating dialogue spaces for different cultures to meet and co-produce
- Strengthening the sense of belonging and solidarity through the commons that can be shared by everyone
- Increasing Istanbul-oriented historical and cultural urban research and educational activities
- Creating opportunities for the sharing of cultural heritage and historical experiences that can constitute a basis for intercultural dialogue and peace
- Improving support mechanisms for the coexistence of migrant groups living in Istanbul

Goal 2

To Fight Discrimination Effectively and Continuously

Discrimination, which is one of the main obstacles preventing access to fundamental rights, causes individuals to be subjected to social and economic exclusion and psychological, economic and physical violence. For this reason, the implementation

of mechanisms to prevent discrimination and the increasing the economic and social support for the protection and empowerment of discriminated communities and individuals are important objectives for building an equal and free society.

Objectives:

- Raising awareness to prevent prejudices that cause discrimination
- Implementing institutional mechanisms against discrimination by taking multiple discrimination into account
- Establishing mechanisms for the protection of individuals and communities that are subjected to discrimination
- Supporting the participation of discriminated communities in economic life
- Strengthening solidarity networks of discriminated communities

Goal 3

To Guarantee Individual Freedoms and Differences

Protecting freedoms is one of the fundamental conditions to unlock the creative and innovative potential of Istanbul and make Istanbul a cultural and scientific centre of attraction. Guaranteeing the fre-

edoms of individuals and restoring trust in justice, law, and democracy in society are the core objectives to build an equal and free society.

Objectives:

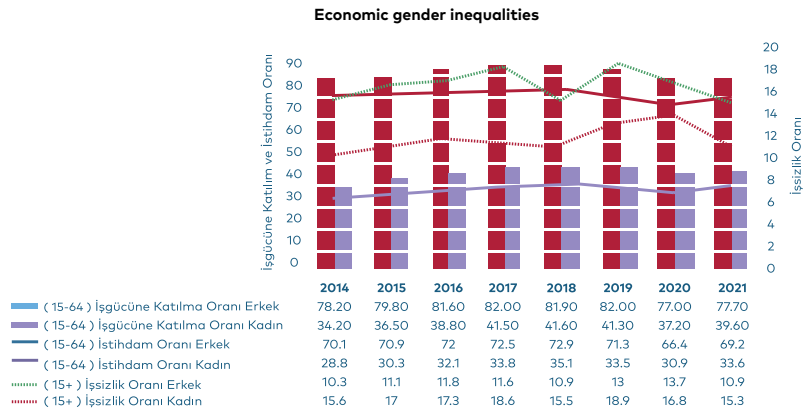
- Ensuring that everyone lives freely with their own unique identity and lifestyle
- Enabling individuals to express their thoughts freely without being censored and encouraging them to unite
- Enhancing support mechanisms to provide everyone equal access to justice
- Ensuring that different ideas and social groups are represented in the participation mechanisms of local governments

Goal 4

To Achieve Gender Equality in All Areas of Life and at All Levels

Enhancing economic and social support for the solution of problems experienced in terms of gender equality in economic, social and political life, removing obstacles that prevent access to urban opportunities, de-

cision-making processes and political participation, and preventing violence against women and abuse of all vulnerable groups are the core objectives in this regard.



Objectives:

- Removing gender-based barriers to access to urban opportunities, encouraging participation in social life
- Increasing women's participation in decision-making processes and ensuring their participation at management levels
- Preventing gender-based economic inequalities
- Increasing protective and preventive measures to prevent gender-based violence
- Ensuring that women and girls have equal access to educational opportunities
- Preventing all forms of abuse against all vulnerable groups, especially women, children and the elderly

Goal 5

To Enable the Aging Population to Live Independently and Participate Actively in Urban Life

By 2050, one out of every five people is expected to be 65 years of age or older in Istanbul, where currently the elderly population has a relatively low share. For the ageing population to live independently and actively, the development of spatial

standards following the criteria of urban elder-friendly services, increasing health-care facilities including mental health and access to care when needed are among the core objectives.

Objectives:

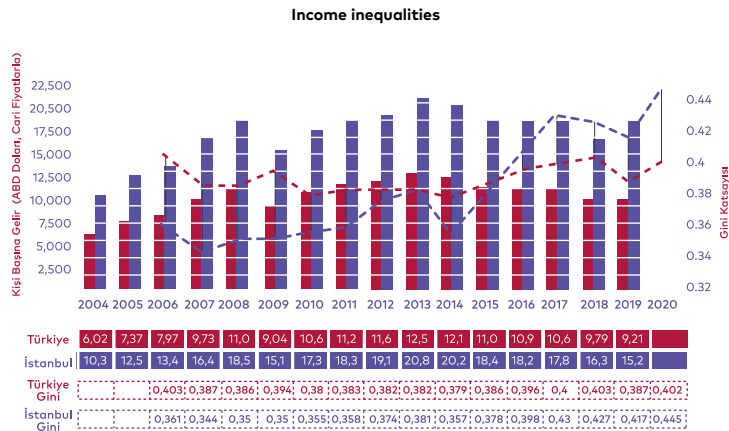
- Providing active ageing opportunities that enable the ageing population to participate in social and economic life
- Providing healthy ageing opportunities that will improve the quality of life
- Making elderly care services effective, high quality and accessible
- Increasing mental health and support services to improve the well-being of the ageing population
- Combating age discrimination in all areas of life
- Improving spatial opportunities for ageing populations, increasing elderly-friendly practices in urban amenities

Goal 6

To Prevent Income Injustice and Reduce Poverty in All Its Forms

Income inequality has reached relatively high levels as of 2021, and poverty has become chronic stress over many years. Developing social support mechanisms aimed at solving the problems fundamentally instead of social assistance policies that perpetuate and deepen poverty to combat poverty and income inequality; creating decent and

secure job and employment opportunities; implementing fair wage policies to prevent working poverty and ensure social justice; and implementing universal basic income, as a social security right, are the core objectives.



Objectives:

- Supporting disadvantaged and discriminated communities' access to labour markets
- Disseminating the fair wage policy to prevent inequalities in working life
- Establishing a support system for children to prevent the intergenerational transmission of poverty
- Executing social transfers rights-based and effective; reducing dependency by supporting it with social policies
- Implementing the universal basic income as a social security right
- Reducing income inequality by a transparent, fair and equal share of the tax burden

Goal 7

To Increase the Participation of Youth in Decision-making Processes and to Provide Them with the Skills to Fulfill Their Potential

As of 2021, one out of every four young people is not in employment, education or training. Due to a variety of reasons such as restriction of freedoms, employment and quality education, the youth does not want to stay in Turkey. Objectives here include enabling the

youth to realize their potential, become independent, be able to communicate with the world, participate in decision-making processes, benefit from housing and employment opportunities and develop their skills.

Objectives:

- Providing training opportunities for youth to develop skills that enable them to communicate with the world
- Encouraging the youth to participate in politics and supporting their participation in decision-making processes
- Increasing active citizenship experiences of youth and youth participation in civil society
- Establishing a social and economic support system in line with the needs of youth in education
- Developing and providing accessible safe and comfortable housing alternatives for youth
- Increasing youth employment opportunities and encouraging youth entrepreneurship
- Supporting youth to develop skills and competencies that will enable them to produce and use technology effectively

Goal 7

To Strengthen Civil Space and Social Solidarity

Non-governmental organizations, solidarity networks, urban movements and social movements are the basic components of social and political life, as they are the fundamental subjects for social solidarity, local democracy and participation. Enhancing the organi-

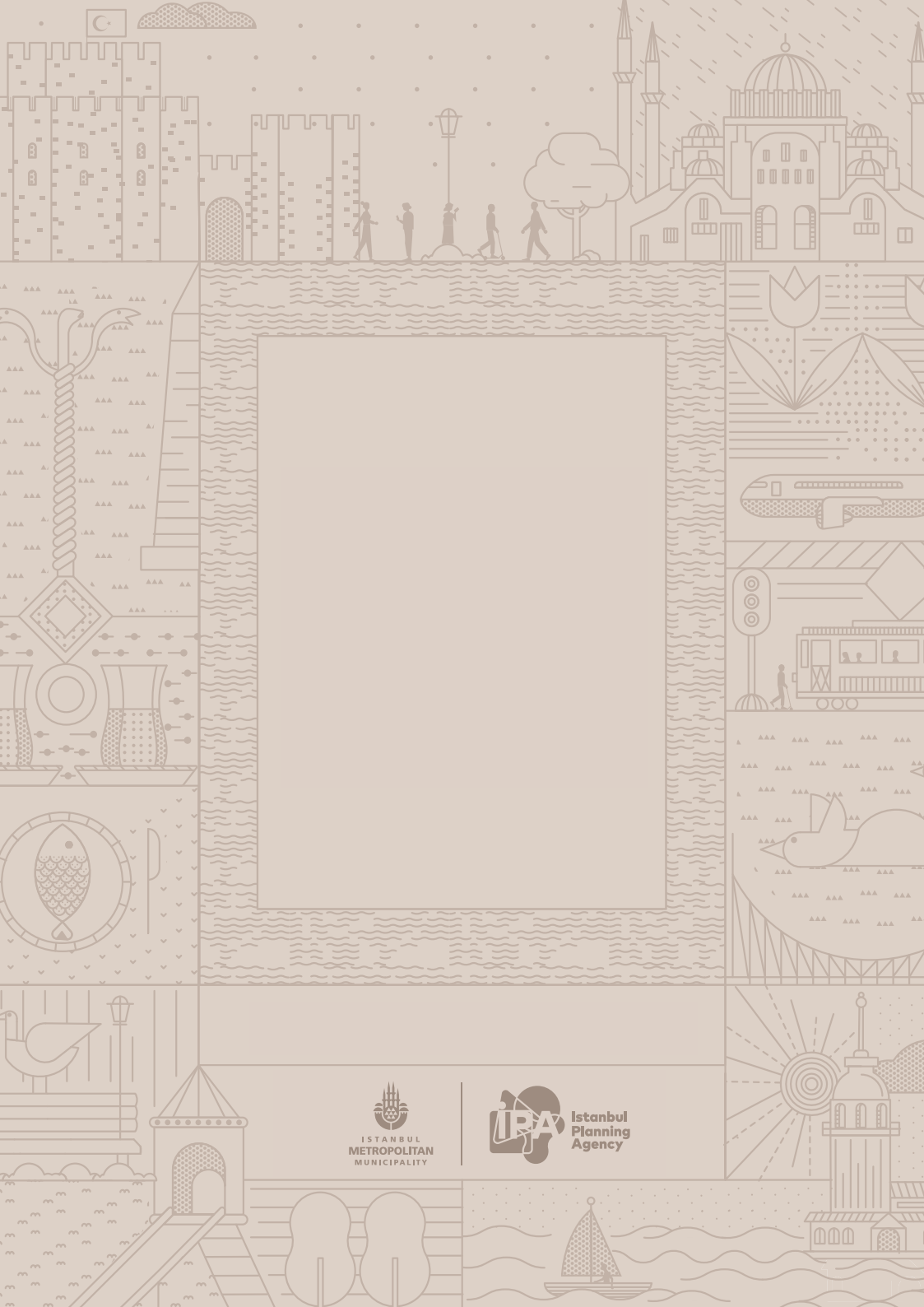
zational capacity of society, supporting the civil space, and promoting participation in decision-making processes at all scales are the main objectives for building a strong and democratic political life and a fair and equal social structure in Istanbul.

Hedefler:

- Enhancing the organising capacity of society
- Supporting an effective and innovative civil space
- Supporting urban movements and other forms of social movements
- Increasing the participation of civil society in decision-making processes in local administrations and their influence on decisions
- Supporting solidarity networks to develop the fellow-citizen and the culture of common life at the local scale

Istanbul 2050 Vision Themes and Goals

THEMES	GOALS
The Climate Adaptive City That Protects The Environment	To Preserve, Improve and Restore Natural Values
	To Reduce Environmental Pollution and Greenhouse Gas Emissions
	To Increase the City's Capacity to Adapt to Climate Change and to boost the Participation of Citizens in the Fight Against the Climate Crisis
	To Ensure Climate Justice
Effective And Inclusive Mobility	To Provide Accessible and Comfortable Travel with Integrated Transportation Systems
	To Promote Pedestrian and Bicycle Transportation as a Mode of Transportation Throughout the City
	To Ensure Traffic Safety
	To Ensure Inclusiveness of the Transportation Systems
	To Provide Environmentally-Compatible Human and Freight Mobility with Strong Global and Regional Connections
Integrated And Smart Infrastructure Systems	To Increase Coordination and Efficiency in Infrastructure Systems through Innovative Technologies
	To Increase the Share of Renewable Energy in Power Generation and Consumption
	To reduce dependence by developing sustainable water systems
	To Reduce the City's Amount of Waste through Effective Waste Management
	To Increase Disaster Preparedness and Safe Urban Infrastructure Systems
	To Increase the Inclusiveness of Information and Communication Infrastructure, To Provide Secure and Reliable Open Data
Vibrant And Sensible Spaces Assuring Good Living For All	To prevent the urban sprawl towards biocultural areas, to create a quality urban built environment
	To Ensure the Balanced Development of Urban Space to Improve the Quality of Life
	To Develop Dynamic Public Spaces That Support Vibrant Urban Life
	To Protect Cultural Heritage and Strengthen Its Connections with Urban Life through Creative and Innovative Approaches
Transformative And Resilient Economy	To Transform the Production towards Knowledge, Technology and Innovation Orientation
	To Make Istanbul a Center of Attraction for Innovative and Creative Initiatives
	To Improve Economic Diversity and Cross-Sector Interactions
	To Achieve Green Transition
Accessible And Fair Urban Amenities For All	To Increase the Adaptation of the Workforce to Transformation Processes and the Inclusiveness of Employment
	Making the City a Hub for Arts and Culture with Active Participation of Istanbulites
	To Improve Healthy Living Conditions and Provide Access to Quality Healthcare Services
	To provide access to educational services where individuals of all ages will acquire the skills to reveal their potential
	To Ensure Istanbulites' Access to Comfortable and Affordable Housing
	To Ensure Access to Healthy Food in All Circumstances
Equal And Free Society	To develop the sports infrastructure at international standards, to ensure the adoption of sports as a lifestyle
	To Enable All Social and Cultural Groups to Live Together with their Unique Identities
	To Fight Discrimination Effectively and Continuously
	To Guarantee Individual Freedoms and Differences
	To Achieve Gender Equality in All Areas of Life and at All Levels
	To Enable the Aging Population to Live Independently and Participate Actively in Urban Life
	To Prevent Income Injustice and Reduce Poverty in All Its Forms
	To Increase the Participation of Youth in Decision-making Processes and to Provide Them with the Skills to Fulfill Their Potential
	To Strengthen Civil Space and Social Solidarity



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