



Overview

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– The future vision of the Green Deal

Green city

1. Reduction in greenhouse gas emissions
2. Enhanced carbon sequestration and improving green spaces
3. Further adapting to the impacts of climate change
4. Improved access to wholesome outdoor recreation opportunities and food
5. Eco-friendly transportation

Growing city

1. Responsible financial management
2. A dense and mixed urban area
3. New job opportunities for the future
4. A good environment for the economy and innovation

City for people

1. For all of us
2. Let's make dreams come true
3. Culture and arts combined with city life
4. Sports for everyone
5. Improved public health
6. Human rights, increased participation and improved dialogue with the population

– Implementation of the Green Deal

– The Reykjavik Green Deal and the UN's Sustainable Development Goals



The Green Deal is our strategic plan until 2030 that manifests City of Reykjavik's vision, linking key city policies and strategies to that vision.

- On 2 June 2020, City Council decided to work out a long-term financial and investment plan for Reykjavik entitled The Green Deal.
- The Green Deal was prepared in parallel with the preparation of the 2021 budget and the five-year plan for 2021-2025.
- The Green Deal was prepared in response to the impact of the coronavirus pandemic and updated at the beginning of 2022.
- The Green Deal reflects the long-term vision of the city and links the key directions and tasks of the city to that vision.
- The Green Deal concerns both the development of the city's services and its administration and shows the prioritization of the investments of the city and its related companies.

For a detailed discussion about the Green Deal, visit www.graenaplanid.reykjavik.is

For the city's agreed strategic objectives, visit: www.reykjavik.is/stefnur



Future vision

Reykjavik is an urban society characterized by a healthy environment, equal opportunities, good services and a vibrant economy that does not waste natural resources.

There are three key dimensions to the Green Deal: economic, social and environmental. Sustainability is not achieved unless all three elements are taken into account.

Green city

Reykjavik is a carbon-neutral, thriving, fun and healthy city.

Growing city

Reykjavik is a powerful and competitive urban society with fertile ground for creative ideas, attracting residents for living, visiting and having fun.

City for people

Reykjavik is founded on justice, fairness and the participation of children and adults. Residents live in safety and can have a positive impact on their own lives and the lives of others. By listening to and sharing with one another, we contribute to an equal community open to all.



Key environmental and climate objectives in Reykjavik until 2030

1. Reduction in greenhouse gas emissions
2. Enhanced carbon sequestration and improving green spaces
3. Further adapting to the impacts of climate change
4. Improved access to wholesome outdoor recreation opportunities and food
5. Eco-friendly transportation





Green city

Reykjavik is a thriving, fun and healthy city that will be carbon-neutral by 2040.





1 | Reduction in greenhouse gas emissions

The aim of Reykjavik is to become carbon-neutral by 2040, with adaptation to climate change in an eco-friendly and human-friendly manner.

- Transportation is green, with changed travel habits and energy use in transport
- Travel requirements have been reduced through improved digital and automated services and improved local environmental services
- Less waste is generated
- The circular economy is here to stay
- Increased emphasis on environmentally friendly structures and reduced energy consumption
- Reykjavik's operations, procurement and services are greener and more automated



2 | Enhanced carbon sequestration and reinforcing green spaces

Reykjavik's targets for boosting carbon sequestration and improving green spaces by 2030 include increased cultivation, as well as interconnected green spaces.

- Forestry and vegetation in the urban environment have increased and the population has benefited from the positive effects of nature, both in mental and physical health
- Green areas are linked by a green network, enhancing these areas and supporting active modes of transport and biodiversity
- Natural resources, the ecosystem and biodiversity are well cared for through sustainable land management



3 | Adapting the city to the impacts of climate change

Reykjavik's objectives for adapting to the effects of climate change up to 2030 include both fighting climate change and adapting to it.

- The city adapts to changing weather conditions and increased precipitation through nature-oriented solutions and infrastructure improvement
- Harbour facilities and coastal areas are equipped for the rising surface of the sea levels
- Increased funding to fight invasive plant species



4 | Improved access to healthy outdoor activities and food

Reykjavik's objectives to improve access to healthy outdoor activities and food by 2030 include a focus on public health and increased urban farming.

- Drinking water, the basis for all food production, is protected
- The quality of the air, sea and fresh water are also well protected, as this is the basis for all outdoor activities
- Various types of exercise and outdoor activities are supported alongside the development of green spaces
- Sustainable food production has increased while consumption and food waste have decreased
- There is improved access and increased availability of local produce with a smaller carbon footprint



5 | Eco-transport

Reykjavik's investment in transport infrastructure until 2030 is focused on green solutions and offering variety.

- Pedestrians, cyclists and public transportation are prioritized in transportation in Reykjavik, while at the same time reducing airborne particles, air pollution and noise
- Road safety is the main focus of all decision-making. In line with the city's vision, sacrificing the health of road users for other community interests such as reduced delays, for example, cannot be justified
- Public transport has frequent trips and there is a dense network of bike and walking paths connecting the city districts
- The city space is attractive and safe for everyone. Traffic speeds are low and the number of parking spaces is moderated and arranged in such a way that valuable land is used well
- The development of the City Line, and implementation of other aspects of the Capital Area Transport Agreement, connects the main densification areas to other areas



The future vision for the Green Deal economy

Growing city





The main objectives in finance, development and employment for Reykjavik until 2030

1. Responsible financial management
2. A dense and mixed urban area
3. New job opportunities for the future
4. A good environment for the economy and innovation





Growing city

Reykjavik has a powerful, competitive city community and provides a fertile ground for creative ideas that attract people to visit, live and work. The city is focusing on green growth.



1 | Responsible financial management

Reykjavik's financial focus until 2030 is focused on responsible financial management based on the core values of the city's financial policy: self-reliance, prudence, stability, predictability and transparency.

- Financial management is disciplined and focused on the responsible use of funds
- Residents are guaranteed to receive city services
- Stability is ensured by aligning operating and investment expenses with long-term revenue trends
- The city's sources of income have been bolstered and the economy made more resilient



2 | Dense and mixed-used neighborhood

The aim of Reykjavik in housing development is to build 1,000–1,500 new apartments per year until 2030 in dense, mixed-used neighborhoods with sustainability as a guiding principle

- The city has grown and its population and jobs have increased, while emissions from automotive traffic have been reduced
- 10,000–15,000 new apartments have been built in Reykjavik in the past decade; all on densification sites that increase the sustainability of neighborhoods and make better use of the city's infrastructure
- 80% of new apartments have been constructed within the planned service area of the City Line and at least 90% have risen within the current urban boundaries
- Housing diversity for all groups. 25% of new apartments within neighborhoods built on behalf of non-profit housing associations.
- The key densification areas are: Artunshofdi, Skerjafjordur, Vogabyggd and the development area along the City Line



3 | New job opportunities for the future

Reykjavik's aim in the development of employment opportunities until 2030 is to prioritize knowledge, innovation and sustainability for the future.

- Increased emphasis to foster innovative thinking and the city administration's understanding of the prerequisites for innovation in both the economy and culture
- The city's services, including those for the economy, have been transformed to a digital, simplified and more accessible format
- Green and creative industries have been strengthened with more jobs in innovation and a focus on start-up activities and novel solutions
- The development of traditional trades in the city focused on increasing innovation, sustainability and labor participation of all social groups
- Reykjavik participates in a variety of cluster collaborations and international innovation and research partnerships
- The skills and knowledge that the future of Reykjavik calls for are regularly examined, for instance through the school system, to assure that this future demand can be met



4 | An encouraging environment for business and innovation

Reykjavik's objectives in the development of new commercial areas until 2030 are good land use, diverse economy and commercial areas suitable for all types of companies of all sizes.

- The development of infrastructure and facilities for a wide range of business activities are in line with the city's future vision
- Companies will have room for operations and opportunities to develop land on densification sites and moving their operations within city limits
- In Reykjavik, you can find powerful innovation and knowledge centres
- There are new and vibrant commercial areas for small and large companies in Holmsheidi, Esjumelar and Alfsnes
- New job opportunities have emerged and new jobs have spread throughout the city into both existing neighborhoods and new development areas



The future vision for the Green Deal
in social affairs

City for people





Key social objectives in Reykjavik until 2030

1. For all of us
2. Let's make dreams come true
3. Culture and arts combined with city life
4. Sports for everyone
5. Improved public health
6. Human rights, increased participation and improved dialogue with the residents





Reykjavik has a community based on justice, fairness and the participation of children and adults. Citizens live in safety and can have a positive impact on their own lives and those of others. In close dialogue we foster inclusion where no one is left behind. Reykjavik is for all of us.



1 | For all of us

The aim of Reykjavik is to provide welfare services that contribute to the well-being of residents and that we all feel we belong in Reykjavik.

Reykjavik's welfare policy is a framework for ambitious welfare services, and aims to improve quality of life and helps to ensure that all citizens of Reykjavik have the opportunity to live with dignity.

- The fundamental approach of the city's welfare services is that no two people are the same. Each person's case is assessed on its own merits and services are tailored to each individual
- Welfare services are multifaceted and diverse. They are organised in a user-friendly, comprehensive and efficient manner and are accessible to those who need the services
- Services focus on the wholeness and happiness of the citizens driven by empathy, care and above all, respect for the individual. No one is abandoned and there is a focus on empowerment and independence
- Welfare services are based on preventive measures built on sound information and indicators
- Awareness of the diverse needs of people is the key to trust in welfare services
- The welfare services are operated by professional and forward-looking staff working together on successful solutions, aligning with the latest knowledge and technology



2 | Let's make dreams come true

Through vibrant schoolwork and recreational activities, children and adolescents acquire education and experience to make their dreams come true and have a positive impact on the environment and society.

Reykjavik's Education Policy encourages us to develop school and recreational activities to be part of an inclusive learning society that meets the needs of the 21st century. At the same time, the Policy is intended to meet the challenges of continuous environmental, social and technological changes that transform the upbringing of children and traditional notions of education.

- Children build a strong self-image, good social skills, a belief in their own abilities and success
- Children read for information and entertainment and gain knowledge and an understanding of society and nature. They show initiative and creative and critical thinking and dedicate themselves to a healthy lifestyle
- Children grow, flourish and feel happy in a democratic society characterised by human rights and respect for the diversity of human life. They influence their studies, well-being and surroundings
- The staff of the city's schools and recreational offerings are forward thinking people who review their own practices, work together towards common goals and acquire new ways of working and teaching
- The upbringing and education of children and adolescents is a societal task. Families of children in school and recreation are important partners of those who work there and share the responsibility for education and upbringing



3 | Culture and the arts become part of city life

The aim of Reykjavik City is to ensure that all citizens have equal opportunities to participate in and enjoy culture and art.

- Citizen's of all ages are offered the chance to participate and enjoy culture and art
- Cultural activities are visible and vibrant in every neighborhood of the city
- Arts and culture foster and reflect the city's diversity
- Reykjavik is a city visited by domestic and foreign visitors to enjoy art and culture
- Reykjavik is a city where international artists are keen to work



4 | Sports for all

Reykjavik City's aim relating to sports is for most residents to exercise regularly or be otherwise physically active.

- Sports, fitness and exercise are for all people of all ages regardless of accomplishments
- All children and adolescents will have the opportunity to thrive and improve through a wide range of accessible sports activities regardless of their origin, sex, gender identity, religion, social status, disability, body shape, physical health or other status
- People of all genders have access to economical and suitable facilities for sports activities and exercise based on inclusive design
- Reykjavik supports and collaborates with sports associations and has a structured framework for their professional activities
- Reykjavik has excellent athletes who inspire future generations to pursue sports



5 | Improved public health

The City's aim for public health is for the community to reflect healthy life styles, sustainability and diversity to promote safety, equality, active participation and well-being for everyone in Reykjavik, the City of Health.

- Reykjavik City has the opportunity to increase equality, health and happiness so that all residents have the opportunity to live in good health and to have a good quality of life
- Individuals and families are able to tackle social, physical and emotional challenges
- Emphasis is placed on the positive participation of children, which contributes to well-being, enhancement of skills and achievement
- Prevention aimed at empowerment, engagement and belief in one's own capabilities and achievements is used at every stage of life
- Special consideration is given to mental health and mental well-being, such as loneliness and anxiety
- Physical activity is encouraged by changing transportation habits, developed outdoor spaces and sports facilities, attractive urban areas and good access to green spaces



6 | Human rights, increased participation and improved dialogue with the population

Reykjavik City's aim for human rights and democracy is inclusion, and for residents to have the opportunity to work with the administration to improve the quality of their local environment.

- Citizens are not discriminated against because of their national origin, ethnicity, social class, language, skin colour, religion, political or other opinion, sex, gender identity, sexual orientation, gender expression, sex characteristics, age, disability, body shape, health status, abilities or other status
- Reykjavik City has the equality of its citizens, their security and human rights at heart in all its work, and fights multiple forms of discrimination, focusing on a comprehensive vision for residents
- Reykjavik City encourages the democratic participation of its citizens and supports different ways of affecting decision-making and the administration of the city
- The democratic process is cyclical and based on listening, reviewing, changing and informing through regular and interactive dialogues with residents and stakeholders.
- All residents are ensured the right to vote through accessible polling locations and clear information
- Reykjavik City is undergoing a digital transformation that improves the access of all groups to information and elevates their voices

Implementation of the Green Deal





Implementation

The vision of the Green Deal will be further implemented in the coming years in new and updated policies and action plans.

Among the key tools for the Green Deal is a 10-year financial plan, a 5-year budget and a 10-year investment plan.

The action plan for Reykjavik Green Deal will be updated for 1 or 2 years at a time, and the progress will be noted in the progress reports of the Green Deal.





Key features

The implementation of the Green Deal over the next few years includes a targeted focus on investment, partnerships, priorities and measurements:

- Investment plan
- Digital transformation of services
- Domestic cooperation
- International cooperation
- Metrics for the Green Deal





Implementation of the Green Deal

Summary of the Investment Plan until 2030

1. Over the next 10 years, the City of Reykjavik will **invest 220 billion to build a growing green city for people** as part of the Green Deal, aimed at a better environment, economy and society. City-owned companies will also increase their investments, especially in the utilities' green infrastructure and social housing for low-income residents.
2. **Efforts in the Campaign to develop housing resources for people with disabilities and people without housing** and, as needed, investment in new jobs for unemployed people as well as resources to support and increase the participation of people receiving financial aid.
3. The City Line will be further developed along with **a cohesive bike** path system for the Metropolitan Region in collaboration with the State and municipalities in the Capital Area. Reykjavik City has aspirations to become a **world-class bicycle city** with the funding of a new cycling programme.
4. All services and deliverables that can be brought online will be transformed over the next few years through investing **in IT and the digital transformation of the city**.
5. **New schools** are being built in Skerjafjordur, Vogabyggd and Artunshofdi, and the number of preschool places will be increased to also take in 12-month-old children. The goal is for the new districts in Skrifá Artunshofdi and Skerjafjordur to become the **greenest neighborhoods** in Reykjavik.
6. **Infrastructure maintenance**. Funding for the renovation of older school buildings will be greatly increased, and the City Library in Grófarhúsið and the Museum of Fine Arts in Harbour House will be renovated.
7. **All streets will become more green than before**, greenery, green spaces and public parks will be enhanced, the city will have more flowers and more trees will be planted as a part of Reykjavik's Climate Forests.
8. **Public health, physical activity, and sports activities will be reinvigorated with gymnastics facilities in Breidholt and Arbaer, indoor soccer facilities in Vesturbær, and improved sports facilities around the city**. Three new swimming pools are on the 10-year plan: in Ulfarsdalur, Fossvogur and Ellidaarvogur. Laugardalslaug Pool will be renovated from the ground up.
9. Rest areas and **infrastructure for outdoor activities** will be developed in Ellidaardalur and Oskjuhlid and sea bathing facilities will be provided in selected locations by the coast. **A Winter Garden** will be built in Breidholt and the ski areas in the Blafjoll will be greatly enhanced. Raudavatn and Holmsheidi will get more options for outdoor activities, and horse riding paths will be made around Holmsheidi.
10. Reykjavik City plans to **invest in infrastructure around where the next 10,000 apartments in Reykjavik will be built**. They will be of various sizes and types, for all ages and income levels and most will be located near the City Line service area and vibrant commercial areas.
11. **Green investment efforts** are one of the key tools of the Green Deal to accelerate the city's development towards carbon neutrality. Efforts are being made to ensure that investments qualify for financing through green bonds and social bonds. The aim is to coordinate the investments of city-owned companies with the City of Reykjavik's green investment initiative.



Implementation of the Green Deal

The digital transformation of Reykjavik City services

Digital transformation is primarily a digital adaptation of the services that the city currently offers.

A special effort has been launched to drive this transformation, and this will extend to the end of 2023. It is a huge project that has few parallels in Iceland, encompassing all workplaces and the staff that yearns to offer better service with the help of modern technology.

Transformation of the service through the improvement of infrastructure, optimisation of data streams, automation of processes, increased utilisation of data, analysis tools and operations is part of the implementation of the Green Deal.

During digital transformation, services are reviewed and organized with a user-based approach. Utilizing data allows for customized services for residents, increased transparency and quicker responses when residents seek information or services from the city.





Implementation of the Green Deal

The digital transformation of Reykjavik City services

Emphasis of the city's digital transformation:

Modern systems

Continued development of information systems in line with technological innovation and environmental considerations. Simpler systemic organisation, processes and increased interoperability

Smart innovation

New ways to solve challenges in the cities' operations. Collaboration with entrepreneurs to prepare Reykjavik City for future challenges

Automated administration

Automated administration simplifies application processes and access to city services. Increased automation will help reduce waste in the system through optimisation and simplification.

Utilization of data

Utilizing data is one of the cornerstones of making informed decisions, helping to identify opportunities for optimisation and value creation, thereby supporting development and innovation.





Implementation of the Green Deal

Domestic partnerships

In order for the Green Deal to be successful, we must be able to cooperate with a variety of domestic partners.

It is necessary to work with the economy and the Government to address the challenges of the future.

In order to increase green transport, a broader partnership than ever before has been formed with the State and neighbouring municipalities for better transport, investment in the City Line and other infrastructure.

Reykjavik City has a stake in several leading companies in Iceland that will pursue green transformation and sustainability in the city.

Cooperation between Reykjavik City, local authorities in the capital and their joint ventures is a key element in the implementation of the Green Deal.





Implementation of the Green Deal

Domestic partnerships

Reykjavik focuses on the following in its collaboration with the other municipalities in the capital area and their joint city owned companies:

Public transition

The construction of a City Line and related infrastructure

Energy transformation

Cooperation to ensure a targeted and effective energy transformation over the next few years

Circular economy

Cooperation in building a circular economy, waste prevention and recycling

Green financing

Partnership for green procurement, sustainable and social financing and other green financing

Public transition





Implementation of the Green Deal

International collaboration

Reykjavik City will support the implementation of the Green Deal by taking advantage of the opportunities offered by participation in international cooperation projects.

The focus will be on the EU's new Horizon Europe research programme, which will run from 2021 to 2027 and will channel €100 billion to research and innovation in the coming years with a primary focus on the environment.

Participation in international projects will increase Reykjavik's attractiveness as a city of urban progress, opportunities and quality of life, enhancing the city's tolerance and ability to cope with the future and the resulting transformations and uncertainties.

Reykjavik City has been chosen to take part in European collaboration for 100 carbon-neutral and smart cities. The aim of the mission for these cities is to implement projects of carbon neutrality in energy, transport, construction, industry, food production etc.

Reykjavik objectives for participation in international cooperation projects and the EU research programme:

- **To gain knowledge of key challenges and opportunities in the sustainable development of cities**
- **Enhancing Reykjavik City's involvement and achievements in the European research and innovation environment**
- **Obtain research and innovation grants that support and fund the policies and priorities for the city and to enhance Reykjavik as a city of innovation and sustainability**



Implementation of the Green Deal

Metrics of the Green Deal

To measure the success of the Green Deal, Reykjavik City implements three standards from the World Council on City Data (WCCD). These measure the status of cities in terms of sustainability.

The standards each consist of 60-150 metrics across 17 overhead categories that regulate and measure the performance of cities in each area of focus.

In total, the standards contain 250 metrics. Each and every measure can be linked to the sub-goals of the United Nations Sustainable Development Goals, so this work is good preparation for their implementation.

- **ISO 37120 is on the provision of services to cities and the quality of life for their residents. The standard measures the environmental, economic and social sustainability of cities, allowing them to monitor their own journey and compare themselves with other cities.**
- **ISO 37122 is on smart cities. The standard measures the success and development of a city as a smart city. This refers, among others, to the progress of the sharing and circular economy and to prospects for innovative solutions.**
- **ISO 37123 measures the resilience of cities. This refers to how well cities can adapt and recover from the shocks they may experience caused by natural disasters and climate change, pandemics, cyber attacks and more.**



WCCD

**WORLD COUNCIL
ON CITY DATA**



Reykjavik's Green Deal and The UN's Sustainable Development Goals



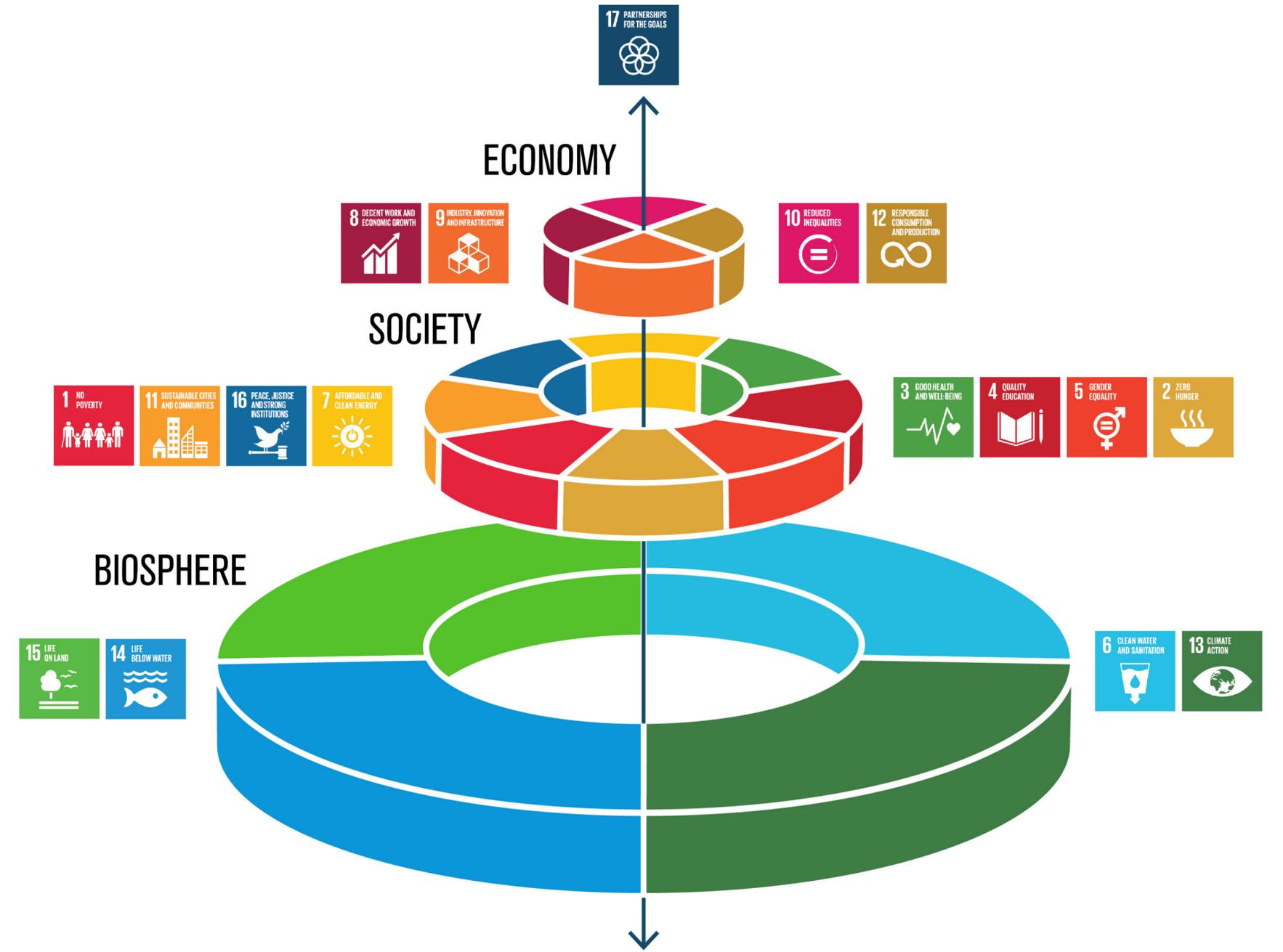


Reykjavik's Green Deal and The UN's Sustainable Development Goals

The Green Deal initiative supports the UN's Sustainable Development Goals.

The Sustainable Development Goals focus on the economy, society and the environment, as does the Green Deal.

Goal number 17 emphasis collaboration to achieve its goals, as does the Green Deal.





Græna Planið

