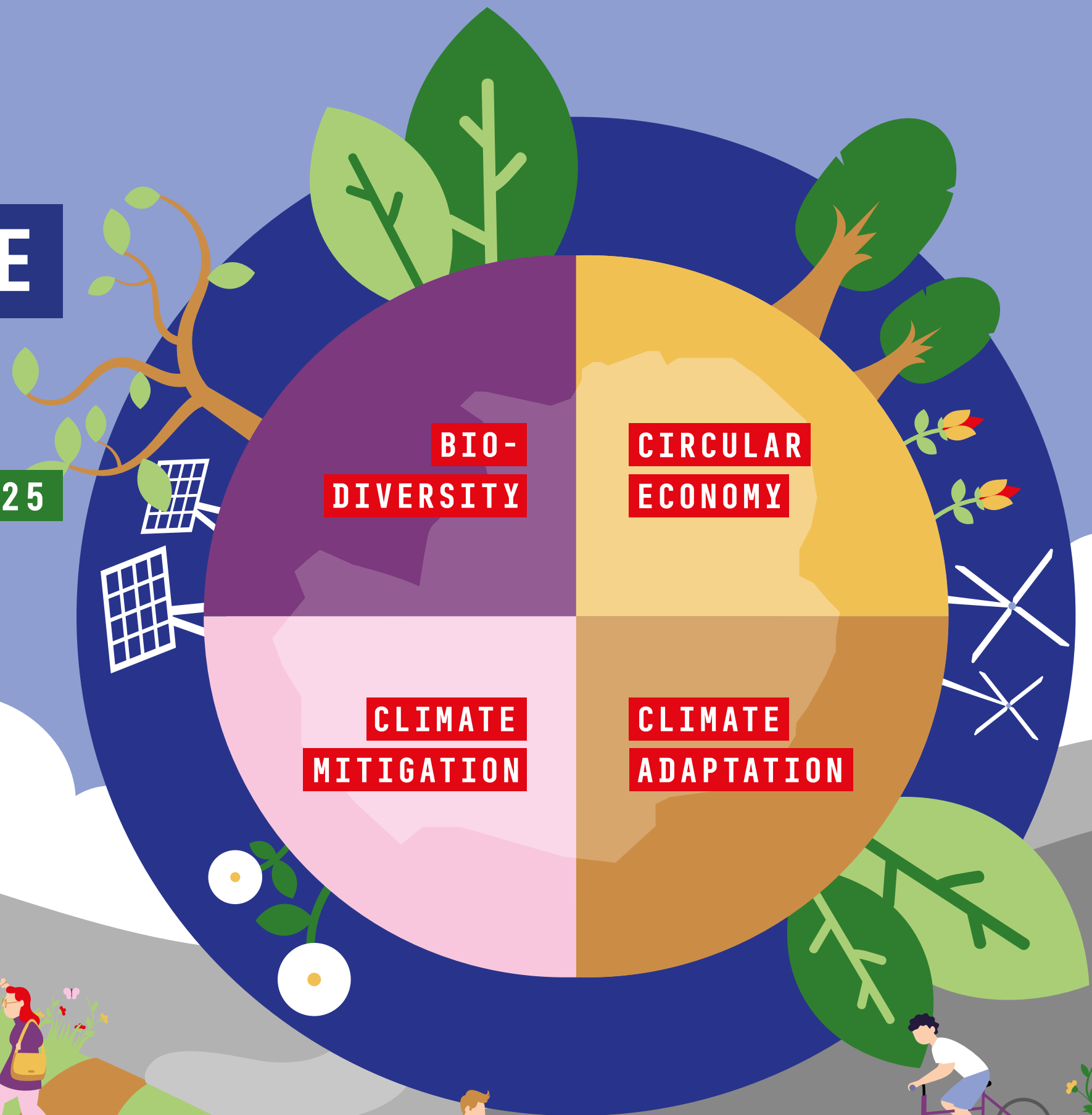


GREEN AND SUSTAINABLE ENSCHEDÉ

IMPLEMENTATION PLAN 2025



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IMPLEMENTATION PLAN
FOR A GREEN AND SUSTAINABLE ENSCHDE 2025

On the 7 November 2022, the Council adopted the "Sustainability" motion. This motion calls on the Executive Board to include more and better information about the costs, benefits and investments in sustainability in the Council budget from 2023 onwards. In response, the Board adopted an "Implementation Plan for a Green and Sustainable Enschede" for both 2023 and 2024.

Within the strategic mission of Green and Sustainable Enschede, the following themes regarding sustainability were outlined:

- I. Biodiversity
- II. A circular economy
- III. Climate adaptation
- IV. Climate mitigation

This Appendix sets out our focal points for 2025, the measures we are taking to achieve them, the costs involved and how we plan to cover these costs. In implementing our sustainability policy, we will also incur general costs. The overview below shows what these costs consist of and how we will cover them.

	Needed in 2025	Climate funds	Subsidies	Regular budget
Communication and participation strategy	€ 80.000	€ 80.000	€ 0	€ 0
Use of Support Services	€ 420.000	€ 420.000	€ 0	€ 0
Use of Legal Affairs	€ 130.000	€ 130.000	€ 0	€ 0
Total	€ 630.000	€ 630.000	€ 0	€ 0



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I BIODIVERSITY

Biodiversity is essential for a healthy living environment and therefore vital for human existence. Loss of biodiversity has a negative impact on food and energy security, our vulnerability to natural disasters and access to clean water and raw materials.

Budget objectives

By making Enschede greener and more biodiverse, the city will become even more attractive, healthy and liveable. This way, we maintain a balance with growing urban densification due to the demand for housing, economic development, mobility and energy. Our goal for 2050 is ambitious: Enschede is to become one green and biodiverse park for people, plants and animals.

This means that the green outskirts will seamlessly merge into a green city centre via unique access roads, city parks, neighbourhoods and a canal full of greenery. The aim is to achieve a natural balance in which pests such as the processionary caterpillar as well as invasive species have less chance of thriving. All this is part of Enschede's Green Ambition Plan:

Enschede, one green park!

This year, our focus lies on increasing the amount of greenery in the city centre while paying special attention to H.J. van Heekplein. In addition, green structures will be strengthened, and the canals will become greener. In order to truly improve biodiversity in Enschede, this part of the Green Ambition Plan will be developed into a detailed implementation plan.

Related initiatives:

- 1. Updating Enschede's Green Ambition Plan (GAP)
- 2. Increasing greenery in the city centre (Enschede's Green Ambition Plan)
- 3. Increasing greenery at H.J. van Heekplein
- 4. Development of a green vision for the parks

Initiative 1: Updating Enschede's Green Ambition Plan (GAP)

In accordance with the Financial Regulation of the Council of Enschede, we are updating the implementation programme for the Green Ambition Plan. The plan's 2026 - 2029 priorities will be presented to the Council. In addition, we will further elaborate on how we plan to increase biodiversity.

Initiative 2: Increasing greenery in the city centre

To increase greenery in the city centre, a plan with detailed proposals is being developed in collaboration with residents, businesses and institutions. This plan will be finalised by the end of 2025.

Initiative 3: Increasing greenery at H.J. van Heekplein

In collaboration with residents, businesses and institutions, we are developing a final design. This involves considering adjustments such as reducing paved areas and improving water management. We started the participation process in 2024 and will present the plan to the Council at the end of 2025.

Initiative 4: Development of a green vision for the parks

In 2024, as part of the Green Ambition Plan, a green vision was developed for Enschede's parks together with the park management committees. Where possible, we are building on existing visions and plans. In 2025, we will present the results to the Council. Whether this will eventually become a separate vision or part of the increase in greenery is not yet clear.

Finances

	Needed in 2025	Climate funds	Subsidies	Regular budget
Investments from the Green Ambition Plan	€ 1.360.000	€ 0	€ 0	€ 1.360.000
Investing in biodiversity	€ 320.000	€ 0	€ 0	€ 320.000
Implementation of policy	€ 115.000	€ 0	€ 0	€ 115.000
Total	€ 1.795.000	€ 0	€ 0	€ 1.795.000

In 2025, we will also focus on:

- Increasing biodiversity through adjustments to (the management of) public spaces within and outside residential areas and through a species management plan.
- Increasing greenery and biodiversity in the canals, discussing the plans with the neighbourhood Councils and sharing them via the city centre district committee.
- Making Enschede more biodiverse and green through initiatives that involve residents, business owners and institutions such as Zo Groen Enschede as part of Groenblauw Enschede.
- Targeted green initiatives with partners and foundations such as Groene Loper Enschede, IVN or Stichting Natuur en Milieuraad Enschede.

II CIRCULAR ECONOMY

Raw materials are scarce, which is why a circular economy is important. Our current linear economy is depleting the earth's resources. We use raw materials, make products and then throw them away. This leads to waste and environmental damage. Instead, we need to use raw materials more intelligently and sparingly.

The Council of Enschede wants to take on an active approach to the transition to a circular economy. Our ambition is to reduce the use of primary raw materials such as metals, oil and gas by 50% by 2030. This is in line with European and national targets.

Budget objectives

- Enschede will be fully circular by 2050
- To reuse products and materials so raw materials retain their value.

Related initiatives:

1. Integrating a circular approach within the Council organisation
2. Drawing up a Circular Economy Implementation Programme
3. Developing a tool to map material flows within Enschede
4. Collaborative projects regarding circular research with the University of Twente and Saxion
5. Launching a circular economy communication campaign
6. European INTERREG projects: TEXAD and CASCADE

Initiative 1: Integrating a circular approach within the Council organisation

To realise our ambitions, we have drawn up the [Circular Economy Policy Document](#). This document promotes circularity throughout municipal activities such as procurement, public space management and area development. We are developing various frameworks that support a circular economy that clarify how different departments, from District Management to Area and Project Development, can work with circular methods and processes.

Initiative 2: Drawing up a Circular Economy Implementation Programme

Following the Circular Economy Policy Document, we are also drawing up a Circular Economy Implementation Programme. This examines how we can promote circularity in the local community and among businesses. We are focusing on specific product chains such as biobased construction and textiles.

Initiative 3: Developing a tool to map material flows within Enschede

A monitoring system for the circular economy will be operational by 2025. We are currently analysing the material flows within our Council. This will enable us to develop targeted policies for specific material flows and to monitor and adjust the progress of our initiatives.

Initiative 4: Collaborative projects regarding circular research with the University of Twente and Saxion

In collaboration with the University of Twente and Saxion University of Applied Sciences, we are launching research projects that contribute to circular solutions both within and outside our Council.

Initiative 5: A circular economy communication campaign

We are launching a communication campaign to promote circular economy awareness among residents and businesses.

Initiative 6: European INTERREG projects: TEXAD and CASCADE

We are participating in two European INTERREG projects: TEXAD and CASCADE. The TEXAD project develops and monitors circular textile policy, while the CASCADE project focuses on creating a circular carbon chain by converting biomass into biochar (charcoal) and using it in products such as asphalt and concrete. Through these initiatives, Enschede is making an important contribution whilst promoting a fully circular economy as well as other sustainability goals such as CO2 reduction.

Finances

	Needed in 2025	Climate funds	Subsidies	Regular budget
Projects, research, increasing knowledge and creating networks within the circular economy	€ 75.000	€ 75.000	€ 0	€ 0
Capacity implementation Circular Economy Policy Document	€ 200.000	€ 200.000	€ 0	€ 0
Implementation of policy	€ 115.000	€ 115.000	€ 0	€ 0
Total	€ 390.000	€ 390.000	€ 0	€ 0

III CLIMATE ADAPTATION

Climate change is leading to an increase in extreme weather events such as flooding, extreme heat and droughts. This poses risks to our quality of life as well as our economy, health and safety.

[Our Water and Climate Adaptation Plan 2022-2026](#), "Continuing to build a green-blue Enschede (WeK)", describes how we are making Enschede more resilient to the risks of extreme weather. Our focus is on responsible water management, increasing greenery and restoring the natural balance. In 2025, we will continue with projects such as Zuiderspoorbeek, GroenBlauw Glanerbrug and GroenBlauw Stadsveld. These projects help us retain, store and drain water whilst improving liveability within the city. In view of the effects of the extreme rainfall on 21 July 2024, particularly in Pathmos and Stadsveld, we are considering whether we need to adjust our current policy on combating flooding.

Budget objectives

- Enschede will be climate-proof and flood-proof
- The city will be sufficiently adapted to climate change

Related initiatives:

1. Drawing up rules regarding wastewater, groundwater and rainwater
2. Implementing projects to tackle rainwater and groundwater flooding
3. Improving climate labels when redesigning streets and squares
4. Researching alternatives to imposing sewerage charges
5. Drawing up green-blue structural plans
6. Conducting climate stress tests

Initiative 1: Drawing up rules regarding wastewater, groundwater and rainwater

To achieve the objectives of the Water and Climate Adaptation Plan, we are adding rules to the Environmental Plan. These rules will determine the floor level and water storage capacity for new-build homes whilst providing guidelines for managing rainwater, groundwater and wastewater.

Initiative 2: Implementing projects to tackle rainwater and groundwater flooding

The WeK specifies which risks of flooding, drought and extreme heat are acceptable. Most areas with a "very high risk" indication have already been tackled. Every year, between now and 2050, we will implement measures in areas with a "high risk" indication through green-blue projects.

Initiative 3: Improving climate labels when redesigning streets and squares

All public space restructuring projects explore where additional water storage and greenery can be added. The aim is to align with the natural system as much as possible by improving the soil's sponge effect, such as by reducing paved areas.

Initiative 4: Researching alternatives to sewerage charges

All residents of Enschede pay sewerage tax. This tax covers the costs of managing wastewater, rainwater and groundwater. Our sewerage tax is based on the amount of wastewater discharged per plot of land and is imposed on the user. We plan on exploring other ways of imposing sewerage tax.

Initiative 5: Drawing up green-blue structural plans

Over the coming years, we will draw up green-blue structural plans to make Enschede a green, liveable and climate-resilient city by 2050. We are exploring green structures such as tree-lined avenues, blue structures such as streams, and green-blue structures such as tidal structures. These plans show what these structures will look like in thirty years. We are currently working on three plans: Varvik-Diekman, Centre and North-West.

Initiative 6: Conducting climate stress tests

According to the National Delta Programme on Spatial Adaptation (DPRA in Dutch), we must repeat or adjust our climate stress test, which was carried out in 2019, every six years. This test assesses the impact of flooding, extreme heat and drought. In addition to our regional test, the province also conducts a supra-regional stress test that examines flooding caused by extreme rainfall, such as that experienced in Limburg in 2021. Based on the results of these tests and the agreements with the Council on risk acceptance, the necessary measures are determined, and implemented in our green-blue projects.

Planned expenses for climate adaptation in 2025. Investments include VAT.

	Needed in 2025	Climate funds	Subsidies	Regular budget
Implementation of green-blue projects	€ 16.800.000	€ 0	€ 0	€ 16.800.000

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IV CLIMATE MITIGATION

The 2015 Paris Climate Agreement stipulates that global warming must be limited to less than two degrees Celsius compared to the pre-industrial era. However, the aim is to limit warming to one and a half degrees.

The Netherlands' approach to this challenge is based on five pillars, namely:

- A. The urban environment
- B. Industry and economic activity
- C. Agriculture and land use
- D. Mobility
- E. Electricity

A. THE URBAN ENVIRONMENT

Enschede's urban environment consists of nearly 75,000 homes and more than 11,000 other buildings such as schools, offices, shops and businesses. Our challenge is to transform these often poorly insulated and gas-heated buildings into well-insulated ones that are heated using sustainable heat sources and supplied with clean electricity, or better yet, that generate their own electricity.

Budget objectives

- Reduce CO2 emissions: reduce CO2 emissions by promoting energy savings and generating renewable energy.
- Become natural gas-free: eliminate natural gas usage by homes and businesses by switching to natural gas-free solutions.
- Safe and healthy neighbourhoods: create safe, healthy and liveable neighbourhoods and communities for everyone.

Related initiatives:

1. Supporting energy-saving measures and reducing energy poverty through the Energy Desk
2. Creating a heating policy programme for collective heating facilities
3. Neighbourhood-based heating implementation plans (aiming for natural gas-free neighbourhoods)
4. Exploring the option of a regional heating network and a regional heating company
5. Drawing up neighbourhood implementation plans for Twekkelerveld, Stroinkslanden-Zuid, Wesselerbrink Noord-Oost and Drienerveld-UT
6. Home improvements and increasing sustainable homes in Hanenberglanden (and possibly Twekkelerveld)
7. Increasing knowledge and implementing the Hogeland-Noord pilot in the context of the Twente Renovation Deal
8. Increasing knowledge regarding FuturebEEing
9. Monitoring and data analysis
10. Making real estate more sustainable

Initiative 1: Supporting energy-saving measures and reducing energy poverty through the Energy Desk

We support residents with various energy-saving measures designed to reduce energy poverty. Our Energy Desk is ready to help residents make their homes more sustainable. To this end, we use government funds such as the SPUK grant for tackling energy poverty and the SPUK grant for local insulation measures. To support our residents even more effectively, we continue to develop the Energy Desk. By making optimal use of government funds, we are helping everyone in Enschede make their homes more energy efficient and comfortable. As a Council, we are fully committed, and we use the funds we receive in a variety of ways. In 2025, our support for energy-saving measures will focus specifically on homeowners' associations.

Initiatives 2, 3 and 4: Creating a heating policy programme for collective heating facilities, neighbourhood-based heating implementation plans (aiming for natural gas-free neighbourhoods) and exploring the option of a regional heating network and a regional heating company

In 2025, we will tackle the heat transition with practical policies. We are preparing for the introduction of the Collective Heating Act (WCW in Dutch), we are drawing up the heating programme (to be completed by the end of 2026) and we are addressing issues concerning the regional heating network and heating company. We are also developing a programme for neighbourhood heating implementation plans for all 70 neighbourhoods in Enschede, allowing us to take immediate and targeted steps towards natural gas-free neighbourhoods.

Initiative 5: Drawing up neighbourhood heating implementation plans

First, we will be developing neighbourhood implementation plans in Twekkelerveld, Stroinkslanden-Zuid, Wesselerbrink Noord-Oost and Drienerveld-UT. Together with residents and stakeholders, we are taking the first steps towards a natural gas-free future, with the goal of ultimately making the urban environment natural gas-free or, as an intermediate step, natural gas-free-ready.

The implementation plans provide clarity on how we can take the heat transition a step further. Together with residents, housing associations and other stakeholders, we are working out the details for each neighbourhood so we can implement the plans in a systematic manner over a number of years. By drawing up a neighbourhood implementation plan in consultation with residents and other stakeholders we are raising awareness, learning from and inspiring each other, gaining a clearer idea of where additional Council support is needed, and we can improve the alignment of future investments in the neighbourhood.

Initiative 6: Home improvements and increasing sustainable homes in Hanenberglanden

With a grant from the Public Housing Fund, we aim to improve the quality of life and safety in Hanenberglanden. We are making homes more sustainable, and public spaces safer and greener.

Initiative 7: Renovation Deal Twente: increasing knowledge and implementing the Hogeland-Noord pilot

The Twente Renovation Deal is a dynamic collaboration between the Dutch Ministry of Internal Affairs and Kingdom Relations, the Councils of Almelo, Hengelo and Enschede, and six housing associations. The aim is to combat energy poverty by developing a joint, integrated and industrialised approach for 7,000 homes within these Councils. We are insulating, implementing structural repairs and making both rental properties and private homes natural gas-free (ready) in order to reduce energy costs. In 2025, we will start pilot projects in the three cities and at the end of that year we will determine how to further develop the collaboration.

Initiative 8: Increasing knowledge regarding FuturebEEing

FuturebEEing is an Interreg project in which the province, various German and Dutch Councils, research institutions and external organisations are collaborating. This four-year project focuses on developing an innovative tool and method for making neighbourhoods more sustainable in both Germany and the Netherlands. We will be completing several sub-projects in 2025.

Initiative 9: Monitoring and data analysis

Our Council is fully committed to data-driven methods. The urban environment offers a wealth of data, and we utilise this valuable information to monitor and analyse our policies. With this smart approach, we are continuously improving and building a more efficient and effective future.

Initiative 10: Making real estate more sustainable

We aim to make all our council real estate as energy neutral as possible by 2040. This means every building will generate as much energy as it consumes and will be completely natural gas-free. We are reducing the need for electricity through insulation, automatic light switches and smart meters. In 2025, we will start working on making the changing room building at Geessinkweg 248A and the sports halls in Deppenbroek, Helmerhoek and Stroinkslanden more sustainable.

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Finances

	Needed in 2025	Climate funds	Subsidies	Regular budget
1a: Energy Desk	€ 130.000	€ 130.000	€ 0	€ 0
1b: Tackling energy poverty (SPUK grant)	€ 1.920.000	€ 0	€ 1.920.000	€ 0
1c: Insulation measures (SPUK grant)	€ 1.870.000	€ 0	€ 1.870.000	€ 0
2: Drawing up a heating programme	€ 200.000	€ 100.000	€ 0	€ 100.000
3: Neighbourhood implementation plans until 2050	€ 150.000	€ 150.000	€ 0	€ 0
4: Exploration of regional heating network/company	€ 150.000	€ 150.000	€ 0	€ 0
5: Drawing up neighbourhood implementation plans	€ 840.000	€ 840.000	€ 0	€ 0
6: Making homes in Hanenberglanden more sustainable (excluding Twekkelerveld)	€ 435.000	€ 0	€ 92.000	€ 343.000
7: Pilot Hogeland Noord (Renovation Deal)	€ 110.000	€ 110.000	€ 0	€ 0
8: Increasing knowledge FuturebEEing	€ 75.000	€ 37.500	€ 37.500	€ 0
9: Monitoring and data analysis	€ 150.000	€ 150.000	€ 0	€ 0
10: Making real estate more sustainable	€ 4.700.000	€ 0	€ 0	€ 4.700.000
Implementation of policy	€ 460.000	€ 100.000	€ 0	€ 360.000

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B. B.INDUSTRY AND ECONOMIC ACTIVITY

By 2050, our industry will be circular and emit virtually no greenhouse gases anymore. The Twente Environmental Agency will continue and intensify its monitoring of businesses and their energy savings. Enschede supports business owners by providing energy-saving coaches and through sustainability agreements in the Business Park Implementation Plans (BUP in Dutch). We are drawing up a sustainability plan for Woonplein Enschede as an example for other shopping areas. At Kennispark Twente and the Marssteden, we are optimising the use of the electricity network. Everything is focused on reducing the CO2 emissions of business owners.

Budget objectives

Reducing CO2 emissions by:

- Saving energy and generating renewable energy.
- Reducing natural gas consumption by making businesses natural gas-free.
- Focusing on restructuring existing business parks. We are doing this to create more space in clustered locations, thereby limiting distances between business chains and reducing emissions.
- Encouraging the reuse of products and materials so raw materials retain their value.
- Helping existing and new businesses to grow and innovate sustainably.

Gekoppelde acties:

Related initiatives:

1. Support in implementing energy-saving measures
2. Support for making SMEs more sustainable
3. Drawing up a Business Park Implementation Plan (BUP) for Reulver, Euregio Bedrijvenpark and Havengebied
4. Implementation of the Business Park Implementation Plans (BUPs) for Marssteden and Josink Es
5. Establishment of Smart Energy Hub (SEH) Marssteden
6. Support in optimising the electricity grid at Kennispark Twente
7. Establishment of a Smart Energy Hub (SEH) at a business park yet to be determined
8. Drawing up a sustainability plan for Woonplein Enschede
9. Encouraging innovative CO2-reducing products and/or services

Initiative 1: Support in implementing energy-saving measures

We have been working with Duurzaam Bouwloket (Sustainable Building Desk) since 2023. This desk provides companies and institutions within Enschede with expert advice on sustainability.

Initiative 2: Support for making SMEs more sustainable

There is much to be gained in terms of sustainability in small and medium-sized enterprises (SMEs). Not only will these changes contribute to reducing CO2 emissions in the city, they will strengthen the competitive position of SMEs as a result of lower energy costs, for example. For 2025, we have a budget available to provide SMEs with additional support in implementing sustainability measures.

Initiative 3: Drawing up a Business Park Implementation Plan (BUP) for Reulver, Euregio Bedrijvenpark and Havengebied

We are working on Business Park Implementation Plans (BUPs) for the five largest business parks in Enschede: Marssteden, Havengebied, Josink Es, Euregio Bedrijvenpark and De Reulver. The BUPs for Marssteden and Josink Es were completed in 2024 and then implemented. In 2025, the BUPs for De Reulver, Euregio Bedrijvenpark and Havengebied will be drawn up. Other business parks in Enschede can learn from this and possibly start their own projects.

Initiative 4: Support for the Business Park Implementation Plans (BUPs)

After drawing up the Business Park Implementation Plans (BUPs), we will implement them. For 2025, funds are reserved to support the implementation of the BUPs for Marssteden and Josink Es. In 2026, as soon as the BUPs for Reulver, Euregio Bedrijvenpark and Havengebied have been completed, we will also start the implementations.

Initiative 5: Establishment of Smart Energy Hub (SEH) Marssteden

Grid congestion is slowing down the energy transition in Enschede and hindering the sustainable growth of businesses. That is why we are setting up a Smart Energy Hub to combat grid congestion. At Marssteden, we are ensuring more efficient use of the electricity grid, freeing up more capacity. Businesses will collaborate on the production, storage, conversion and consumption of energy. In 2025, an external consultancy firm will support the establishment of the hub, including any possible legal advisory services. Other business parks in Enschede can learn from this and possibly start their own projects.

Initiative 6: Support in optimising the electricity grid at Kennispark Twente

The Council of Enschede is making the electricity grid at Kennispark Twente more sustainable and efficient through energy hubs and by collectively signing connection and transport agreements with the grid operator. In 2025, we will be supported in this by an external agency. Our goal is to have an optimised electricity grid that promotes the energy transition as well as the generation of sustainable energy. Other locations in Enschede can learn from this and possibly start their own projects.

Initiative 7: Establishment of a Smart Energy Hub (SEH) at a business park yet to be determined

In addition to the aforementioned locations, we will establish another Smart Energy Hub (SEH) at a business park yet to be determined. In 2025, an external consultancy firm will assist us on the establishment of the hub by providing legal advisory services.

Initiative 8: Drawing up a sustainability plan for Woonplein Enschede

In addition to business parks, Enschede is also focusing on making shopping areas such as Woonplein Enschede more sustainable. In 2025, we will conduct an energy scan and draw up a sustainability plan. An external consultant will work on this plan together with the Council, property owners and business owners. The aim is to create a detailed implementation plan that will enable property owners and business owners to work with the Council to implement energy-saving measures and generate renewable energy. Other shopping areas can learn from this and possibly start their own projects.

Initiative 9: Encouraging innovative CO2-reducing products and/or services

As a launching customer, we encourage innovative products and/or services that contribute to CO2 reduction. We do this by setting aside a budget that we can use to purchase these types of products and/or services from companies.

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Finances

	Needed in 2025	Climate funds	Subsidies	Regular budget
Drawing up Business Park Implementation Plans (BUPs)	€ 150.000	€ 150.000	€ 0	€ 0
Supporting Business Park Implementation Plans (BUPs)	€ 100.000	€ 100.000	€ 0	€ 0
Support for making SMEs more sustainable	€ 100.000	€ 100.000	€ 0	€ 0
Creating a Smart Energy Hub (SEH) at Marssteden	€ 50.000	€ 50.000	€ 0	€ 0
Support for optimisation of the Kennispark Twente electricity grid Energy hubs	€ 50.000	€ 50.000	€ 0	€ 0
Drawing up a sustainability plan for Woonplein Enschede	€ 100.000	€ 100.000	€ 0	€ 0
Supervision and enforcement of energy saving mandates	€ 20.000	€ 20.000	€ 0	€ 0
Launching customership innovation	€ 300.000	€ 300.000	€ 0	€ 0
CO2 reduction	€ 50.000	€ 50.000	€ 0	€ 0
Implementation of policy	€ 115.000	€ 0	€ 0	€ 115.000



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C. AGRICULTURE AND LAND USE

By 2050, agriculture and land use must be climate neutral. This is an enormous challenge because some greenhouse gas emissions are unavoidable. Livestock farming releases methane, and the use of artificial fertilisers releases nitrous oxide into the air. Both are greenhouse gases that contribute to climate change. At the same time, the agricultural sector also captures CO2. CO2 is captured and stored sustainably in trees, the soil and grass. This, in turn, contributes to our emission reduction targets.

Budget objectives

- Enschede is to be green and biodiverse.
- Together, we ensure a green environment with more plants and animals.
- We reuse products and materials so raw materials retain their value.

Related initiatives:

1. Conduct area surveys in 1 or 2 areas
(Area-specific approach to rural areas)
2. Strengthen our rural areas based on the area-specific approach and the Nature and Landscape Plan
3. Implement the Agricultural Transition Programme

Initiative 1: Area-specific approach for rural areas

We are accelerating the sustainability of rural areas by working closely with both residents and businesses. In 2025, we will draw up a vision for the future and a step-by-step plan in two sub-areas, which will be recorded in regional agendas. After completion, the results will be presented to the Council.

Plant 1,000 trees	Trees capture CO2 and are indispensable to Twente's nature and landscape as they contribute to a healthy living environment. That is why we have included the planting of 170,000 trees in our Rural Area Vision. We are aware that preserving trees is equally as important, which is why updating tree protection regulations is essential.
Biodiversity	Ecosystems contribute to CO2 reduction, especially natural soils that can store large amounts of CO2. We are increasing biodiversity in our Council by managing roadsides in an ecological way, by creating flower-rich field margins and by making agreements with landowners about the management of landscape features.

Initiative 2: Strengthening rural areas

A green environment improves the well-being and health of our residents and captures CO2 in a sustainable manner. That is why we are strengthening

nature and our landscape through an area-specific approach and the Nature and Landscape Plan. In our Vision for Rural Areas, we have defined our ambitions in practical and measurable terms in the following tasks:

Farms in Twente	Farms in Twente are distinctive features of the rural landscape and have great ecological value. Result: Every year, 15 farms are converted in line with the characteristics of farms in Twente.
Food forests	A food forest is an experimental form of agriculture that contributes to biodiversity and recreation. Result: Until 2030, we will support the creation of at least two food forests.
Water retention	Water retention prevents dehydration and promotes biodiversity. Result: Together with plot owners, we organise water management that is in line with the greening strategy of the Vechtstromen Water Board.
Floral borders	The Dutch Agricultural and Horticultural Organisation (LTO) and Stawel sow flower-rich herb mixtures along field margins. Result: By 2030, we will expand this to 15 hectares of flower-rich field margins.
Sustainable roadside management	The sustainable management of roadsides enhances biodiversity in rural areas. Result: From 2026 onwards, we will manage all suitable municipal roadsides sustainably.
Management of hedgerows and landscape features	Landscape management is essential to preserve the landscape for future generations. We make agreements with landowners about the management of landscape elements. Result: By 2030, we will manage 20% of landscape elements through long-term agreements.



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Initiative 3: Encourage and facilitate the agricultural transition

Agriculture plays a significant role in the rural areas surrounding Enschede. Based on our Vision for Rural Areas, we encourage agricultural businesses to:

- Become more sustainable and circular.
- Contribute to water management and ecology in addition to agricultural production.
- Focus more on the city with local and regional quality products.

This is done in broad collaboration with Landschap Overijssel, Stawel, LTO Noord and Landshapsfonds Enschede through the Agricultural Transition Programme. We support and advise farmers in Enschede in as practical a manner as possible.

	Needed in 2025	Climate funds	Subsidies	Regular budget
Area-specific approach to rural areas	€ 300.000	€ 0	€ 0	€ 300.000
Strengthening rural areas	€ 390.000	€ 0	€ 0	€ 390.000
Encouraging and facilitating the transition of agricultural businesses	€ 130.000	€ 0	€ 0	€ 130.000
Bio-based Building	€ 50.000	€ 0	€ 0	€ 50.000
Implementation of policy	€ 375.000	€ 0	€ 0	€ 375.000
Total	€ 820.000	€ 0	€ 0	€ 820.000



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D. MOBILITY

By 2050, we want everyone to be able to travel without any worries. Mobility without emissions, excellent accessibility for all ages, economic backgrounds and physical abilities. Affordable, safe, comfortable, easy and healthy.

Budget objective

- Enschede is to be easily accessible.

Related initiatives:

1. Introduction of zero-emissions urban logistics in the city centre
2. Improving mobility by expanding the charging network
3. Improvement and increased greenery of the Zuiderval P+R facility

Initiative 1: Introduction of zero-emissions urban logistics in the city centre

On 1 July 2025, the city centre will be declared car-free for freight traffic with combustion engines. This will increase space for pedestrians and improve air quality in line with the climate agreement.

Initiative 2: Improving mobility by expanding the charging network

We are installing more charging stations, thereby reducing emissions. In 2025, we will continue to expand the electric charging network and investigate the possibility of installing fast charging stations at various locations.

Initiative 3: Improvement and increased greenery of the Zuiderval P+R facility

The P+R Zuiderval car park is being upgraded to facilitate the transition from car to public transport and shared mobility, and to create space for more greenery around the car park.

	Needed in 2025	Climate funds	Subsidies	Regular budget
P+R upgrade	€ 3.600.000	€ 0	€ 0	€ 3.600.000
F35 (underpass NERW)	€ 804.000	€ 0	€ 603.000	€ 201.000
F35 (Glanerbrug)	€ 5.000.000	€ 0	€ 4.000.000	€ 1.000.000
F35 (Eschmarkerveld)	€ 1.203.295	€ 0	€ 1.203.295	€ 0
Cycling infrastructure projects (road sections and junctions)	€ 2.736.825	€ 0	€ 912.275	€ 1.824.550
Night train Enschede-Zwolle	€ 15.000	€ 0	€ 0	€ 15.000
Zero emissions city logistics	€ 185.000	€ 185.000	€ 0	€ 0
Use of traffic engineering charging infrastructure	€ 60.000	€ 60.000	€ 0	€ 0
Implementation of policy	€ 100.000	€ 0	€ 0	€ 100.000



ENSCHEDA

GREEN AND SUSTAINABLE ENSCHEDE

IMPLEMENTATION PLAN 2025



E. ELECTRICITY

Enschede wants to increase its renewable energy share. We are currently achieving this through “Sun on Roof” projects, Solar Parking (parking under a roof with solar panels) and the creation of solar parks (field installations and Sun on Water). The first initiatives for generating energy using wind turbines will also be announced in 2025. The province is the competent authority for granting permits for wind turbines.

Budget objective

- To reduce CO2 emissions through measures such as energy conservation and the generation of renewable energy.

Related initiatives:

1. Initiatives and ongoing projects
2. Sun on Roof
3. Solar Parking
4. Communication about wind initiatives
5. Revision of energy vision, including grid congestion approach
6. Underground infrastructure
7. New contract for purchasing sustainable energy

Initiative 1: Initiatives and ongoing projects

Supervising solar fields such as Vitens Waterbekkens and solar park Broekheurne. Expected yield: 35 gigawatts per year, enough for 15,400 households. In 2024, the provincial policy for solar fields changed: large fields on agricultural or natural land are no longer permitted, but smaller fields (up to 2 hectares) may still be constructed along the edges of towns and villages. In 2025, we will adapt our municipal solar policy accordingly and, together with partners, will be looking for suitable locations for these smaller solar fields on the outskirts of towns and villages.

Initiative 2: Sun on roof

We provide advice and support to business owners and owners of social real estate regarding solar panels. Financial contributions for roof inspections are possible. The third phase will be completed in 2025.

Initiative 3: Solar Parking

Solar Parking refers to the installation of solar panels on top of parking spaces. In 2025, we will install solar carports at five Council car parks, including Twente Village, the new swimming pool, P+R Zuiderval, Avanti, Wesselerbrink Shopping Centre and possibly P+R Noord. Due to grid congestion, the electricity generated cannot be fed into the grid. We are therefore exploring the possibility of directly supplying to nearby businesses.

Initiative 4: Communication about wind initiatives

The province has adopted a policy for the installation of wind turbines and is overseeing its implementation. Enschede is responsible for producing 80 GWh of electricity generated by wind turbines. This means installing four wind turbines. In October, the Enschede region will be opened up for the submission of initiatives. It is not yet known whether any initiatives will be submitted. Our role in this process is to inform the local community.

Initiative 5: Revision of energy vision, including grid congestion approach

In 2025, the Energy Vision will be renewed and expanded with an action programme for grid congestion. This programme includes various actions and measures for the coming years.

A thematic group (led by a director) will be established to monitor progress and periodically report to the directors. This group ensures that grid congestion is adequately addressed within the existing organisational structure and provides an overview of solutions and obstacles.

Initiative 6: Underground infrastructure management

We are subject to numerous rules and regulations that govern underground infrastructure such as the Energy Act, AVOI, the Heating Act and the Environment Act. Due to the energy transition and sustainability requirements, more and more Council tasks are being added. That is why we are taking control of our underground infrastructure to protect our Council interests in spatial choices, projects, policies and operational processes.

Initiative 7: New contract for purchasing sustainable energy

We currently receive electricity from Greenchoice, which is supplied by Twence. Our agreement with Greenchoice will end on 31 December 2025. If Twence obtains a supplier licence, we will be able to purchase electricity directly from Twence from 2026 onwards.

Finances

	Needed in 2025	Climate funds	Subsidies	Regular budget
Initiatives and ongoing projects	€ 380.000	€ 380.000	€ 0	€ 0
Communication regarding wind initiatives	€ 20.000	€ 20.000	€ 0	€ 0
Sun on Roof	€ 145.000	€ 0	€ 0	€ 145.000
Solar Parking	€ 325.000	€ 150.000	€ 90.000	€ 85.000
Grid congestion	€ 290.000	€ 290.000	€ 0	€ 0
Underground infrastructure	€ 300.000	€ 0	€ 0	€ 300.000
Implementation of policy	€ 400.000	€ 230.000	€ 0	€ 170.000
Total	€ 1.860.000	€ 1.070.000	€ 90.000	€ 700.000