



JTF PROJECTS HIGHLIGHTED

IN THE NORTH OF
THE NETHERLANDS



The Just Transition Fund (JTF) - a fund for a just climate transition – is a European grant fund for areas most affected by the transition to a green economy. The JTF stems from the European Green Deal, the programme for a climate-neutral Europe by 2050. To achieve this transition in the northern Netherlands, €330 million has been pledged until 2027. In the coming years, several subsidies from the JTF will be made available to us.

Through the JTF, we support impactful projects that address the economic and social consequences of the energy transition. In the northern Netherlands, specifically in the Groningen-Emmen region, we are focusing on further greening the economy and investing in future employment opportunities.



Werk in Zicht's Development Centres

Guidance towards sustainable work!

The WIZ Development Centres are aimed at supporting people in the Groningen-Emmen region who are far removed from the labour market. The aim of the project is to actively approach this target group, build their confidence and perspective, and train them in basic, general vocational, and workforce skills to mobilize them towards work or education.

These Centres offer an inclusive, people-centred approach in which well-being, skills, and self-confidence are central. Through close cooperation with social development companies, employers, and civil society organizations, and by integrating various support programmes, residents can discover and develop their talents. In addition to personal growth improved well-being, this also leads to an increase in their work capacity. In this way, the Development Centres contribute to social transitions, a strong regional economy, and a sustainable future.

JTF-PROJECT

WIZ DEVELOPMENT CENTRES

JTF grant

Labour Market Transition 1.0

JTF amount

€ 5,000,000

Project partners

Municipality of Groningen, Novatec, Municipality of Westerkwartier, Ability, Municipality of Het Hogeland, Municipality of Eemsdelta, Werkplein Drentsche Aa, Iwerk, BWRI, Municipality of Midden-Groningen, Afeer, Wedeka, Iederz

More information

TONIC Technological Designers for Northern Industrial Clusters



At the request of the two industrial clusters, namely Sustainable Products & Chemicals Cluster (SUSPACC) and Innovation Cluster Drachten (ICD), the UG is starting to develop Technological Design courses. These courses provide innovative solutions to the technological challenges faced by companies and are important for transition efforts.

In two-year programmes for the chemistry and high-tech systems industry, technological designers develop complex new products and processes, as well as innovative solutions to companies’ design issues. These programmes aim to bridge the gap between the practical, hands-on skills demanded by companies and the scientific focus of the UG.

Through collaboration with the ICD and SUSPACC, the skillset of current employees and Master’s students will be greatly improved. This will allow the region to advance in the field of automation and robotization of production processes and in the transformation of the chemical industry. In addition, the UG can further establish itself as a technical university, laying the foundation for offering similar programmes within several Graduate Schools, such as Life Sciences. The project also enhances the region’s attractiveness to innovative companies.

JTF-PROJECT	TONIC
	JTF grant Labour Market Transition 2.0
	JTF amount € 3,972,466
	Transition Fossil to renewable energy Analog to digital Linear to circular economy
	Project partners UG, ICD and SUSPACC, PNO consultants








BBubbleCaRD Bioresorbable Bubbles for Controlled Release of Drugs

In the Netherlands, the number of people with brain disorders, including brain tumours, is increasing. Due to the limited drug delivery to the brain, this is associated with low survival rates and complex treatments.

This project aims to develop a drug delivery system capable of delivering high doses of medication directly to targeted areas. By using sustainable bioresorbable polymers and microbubbles, the goal is to open up the blood-brain barrier, so that controlled drug delivery can take place precisely.

Three SMEs and the UMCG are working together. Successful implementation could lead to improved treatments for brain tumours and potentially improved treatments for other cancers and more effective drug delivery.

The project thus contributes to the diversification of the regional economy.

JTF-PROJECT	BBUBBLECARD
	JTF grant Valorization medium 2023
	JTF amount € 580,176
	EZ amount € 219,824
	Transition Fossil to renewable energy Analog to digital Linear to circular economy
	Project partners Bether Encapsulates B.V., UMCG, Innocore Technologies B.V., Solstice Pharmaceuticals B.V.









Sustainable panels for promising insulation in construction

The Netherlands needs to get rid of gas. This can be achieved by properly insulating both existing and new buildings, making them more energy-efficient. Effective insulation helps keep buildings cooler in summer and warmer in winter, significantly reducing energy costs.

Of all the insulation products on the market, polyisocyanurate (PIR) boards are the most effective. These slim and lightweight PIR boards, also called sandwich panels, insulate just as well as other thicker, heavier insulation products. North Panels BV will produce these sandwich panels. The panels are used in construction for internal and outer walls, as well as for roof panels for both saddle roofs and flat roofs. They can be used for halls, sheds, agricultural construction, and residential construction, for example.

For this purpose, NorthPanels BV wants to build a production hall, with an office and a stockyard on the Zuidbroek industrial estate. This project is expected to employ around 50 people and make an important contribution to strengthening the regional economy. NorthPanels BV is working with a chain of suppliers and transporters of various raw materials, but also with companies such as seteries screw producers and recycling companies. Besides the Netherlands, NorthPanels will also supply their sustainable panels to Germany and Scandinavia.

JTF-PROJECT	NORTH PANELS
 JTF grant	Investing and training
 JTF amount	€ 7,650,000
 Transition	Linear to circular economy
 Project partners	North Panels B.V. and North Panels Beheer B.V.
 More information	





SPRINT Sustainable Polyester Recycling Implementation & Technology



In the northern Netherlands, we are working hard to create a circular economy: products are no longer dumped or incinerated; instead, materials are increasingly reused. Many plastics, such as polyester (PET), are now primarily mechanically recycled, which leads to a decrease in the material's quality, making it only suitable for low-grade applications.

CuRe Technology has developed a form of chemical recycling in which PET is chemically broken down into smaller fragments (oligomers) which are then immediately repolymerized. The quality of the plastic is retained and the material can be used in high-quality applications, such as food packaging.

CuRe Technology aims to build a factory in Emmen capable of producing 25,000 kg of PET using the most energy-efficient polyester recycling technology on an industrial production scale. Three northern knowledge institutes (University of Groningen, Hanze University of Applied Sciences, and NHL Stenden University of Applied Sciences) contribute to this effort by studying the properties of the oligomer mixture and developing innovative methods of purification. This can provide innovative, industrial knowledge to facilitate the upscaling process.

JTF-PROJECT	SPRINT (CURE)
 JTF grant	Knowledge Development and Valorization
 JTF amount	€ 1,340,616
 EZ amount	€ 903,786
 Transition	Linear to circular economy Fossil to renewable energy
 Project partners	Cure Technology B.V., NHL Stenden University of Applied Sciences Foundation, University of Groningen, Hanze University of Applied Sciences Foundation Groningen



Region-wide cooperation stimulates Startups

The Future Tech Ventures project is a collaboration of UG Ventures, Triade, NOM (Investment and Development Agency for the Northern Netherlands), and Investment Fund Groningen, aimed at supporting sustainable, innovative start-ups in the JTF region of Groningen-Emmen during the Proof of Concept phase. The aim is to make these start-ups ‘investor-ready’ by providing them with venture capital and business development support.

The project comprises two work packages: guidance to capital and providing fund capital, with a total project size of € 20,5 million, including a grant application of € 10 million. The focus is on creating economic impact and contributing to developments in all four RIS3 transitions. Future Tech Ventures seeks both financial and social returns by investing in promising ventures within the region.

JTF-PROJECT	FUTURE TECH VENTURES
JTF grant	Start-Up Fonds
JTF amount	€ 10,000,000
Transition	Fossil to renewable energy Linear to circular economy Analog to digital Healthcare to positive health
Project partners	Future Tech Ventures B.V.
More information	

The Health Tracker Working with a long breath



This project focuses on the development of the Health Tracker, an innovative wearable device that monitors the physical load of workers and patients. It is intended to support the ageing population in the northern Netherlands.

This collaboration between Groningen knowledge institutions and SMEs, including the UG, UMCG, Relitech, and Lode Holding, integrates respiratory analysis with ECG and motion sensors in the Health Tracker to provide accurate measurement data. Thanks to the user-friendliness and reliability of the Health Tracker, it helps reduce workplace overloading, leading to lower absenteeism and improved work and life quality. The project also creates new economic opportunities in the region, contributing to the transitions towards a digital, healthier society and the sustainable employability of workers.

JTF-PROJECT	WORKING WITH A LONG BREATH
JTF grant	Knowledge Development and Valorization
JTF amount	€ 1,088,717
EZ amount	€ 733,967
Transition	Healthcare to positive health Analog to digital
Project partners	UMCG, Relitech B.V., Lode B.V., Umaco B.V., aXtion B.V., ProCare B.V., AccelMed North B.V., Relitech Development B.V., Sencillia.
More information	

Kickstart pipe connects demand and supply of green hydrogen

HyNetworkServices (HNS) is working hard to build a nationwide high-pressure hydrogen transmission network, including a pipeline between Eemshaven and Delfzijl. The timely availability of green hydrogen is currently a key factor for companies in Eemshaven and Delfzijl, playing a crucial role in the further development of sustainable industry in the region.

Due to permit applications and consultations with landowners, the preparation and realization of a high-pressure transmission pipeline often takes more than six years. The ‘Kickstart pipeline’ is a low-pressure hydrogen pipeline that requires a shorter preparation time, can be constructed quickly using a smart construction technique (within six months), and provides the added benefit of high hydrogen purity. Additionally, various substances can be transported. The Kickstart pipeline was developed under the direction of the NorthGrid foundation, which is committed to the development of underground infrastructure in the northern Netherlands.

Delegate Henk Emmens (Economy) from the Province of Groningen is impressed by the Kickstarter project. ‘It’s great that this innovative project will help accelerate the development of a sustainable economy in our region. We hope that Kickstarter will provide an extra boost to the northern hydrogen economy.’ CEO Cas König from Groningen Seaports hopes the new hydrogen pipeline will attract new companies to Eemshaven. ‘The construction of the Kickstart pipeline is an important development for our port areas. The economy follows infrastructure. Therefore, we expect that this announcement will encourage companies to make their final investment decisions and choose to locate in our port areas.’



JTF-PROJECT

KICKSTART PIPE EEMSHAVEN-DELFIJL

 JTF grant	Peripheral infrastructure
 JTF amount	€ 4,414,269
 Transition	Linear to circular economy Fossil to renewable energy
 Project partners	Groningen Seaports N.V., NorthGrid
 More information	

Want to know more?

Want to learn more about the Just Transition Fund and its grants?

Go to www.snn.nl/jtfnoordnederland

Contact

 jtf@snn.nl

 +31 (0)50 5224 900



Ministerie van Economische Zaken

