





# The Netherlands Business Lounge at Nordbygg

23-26 April 2024

### Foreword

The Netherlands is renowned for its innovative approaches to sustainability, particularly in the realm of a sustainable built environment and the real estate industry. With a rich tradition of architectural excellence and a commitment to reducing CO2 emissions and reducing the usage of materials, Dutch companies have emerged as leaders in creating sustainable solutions for the built environment.

The connection to the Nordics is strong, due to the frontrunning position of Sweden and Denmark in the field of sustainable building. Many collaborations between our countries are already in place.

Nordbygg is the largest and most dynamic meeting place for the construction and real estate industry. It offers innovations of tomorrow, thriving business opportunities and valuable knowledge. Combining these, Nordbygg will be a focal setting for showcasing Dutch expertise. The Dutch Business Lounge is an ideal setting to highlight industry's innovators in sustainable building, discover business opportunities and forge international partnerships.

At Nordbygg, 15 Dutch companies represent various elements of the sustainable building sector, including water & energy efficiency in buildings, sustainable and circular building materials and mounting systems, data analyses on the real-estate market, material passports, and circular design. There is diversity in company size, expertise, and innovation focus to appeal to a broad audience.

The following companies are looking forward to meeting you and (further) exploring collaboration. Let's build a sustainable future together!

### Delegates

### C2CA

Upcycling of concrete waste into aggregates and supplementary cementitious materials. Our pilot plant in the Netherlands is running since almost 4 years now. Among others we have been participating in the "climateenvelope" program from the dutch government where different concrete structures have been build with our upcycled materials and are permanently measured to analyze their long term durability. The results have been very impressive. On top we are now building our first fully commercial plant close to Rotterdam to process 150kt of waste concrete per year.



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### Coders Co.

Coders Co., a company established by seasoned professionals with academic backgrounds, specialises in AI and coding. Our primary focus is leveraging technology to contribute to sustainability and facilitate the green transition.

One of our flagship applications, PDF2GIS, revolutionises the conversion of floorplans and construction drawings into detailed 3D models of buildings. This innovative tool holds immense potential for various sectors, including municipalities and housing corporations, enabling them to transform their archives into invaluable repositories of detailed building information.

PDF2GIS can be instrumental in modelling and enhancing the energy efficiency of structures. By providing comprehensive insights into the composition of buildings, including materials used, it can become an indispensable asset in promoting circular construction practices.



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{coders'co}

# Construction & Display

Every building project is a like a puzzle. At Construction&Display, our objective is to create prefab products, which reduces the time and complexity of each puzzle build.

We offer custom profiles in any shape, size or material, as well as established product lines that can be ordered in various sizes and shapes and we provide innovations, new uses of materials and a combination of materials

We want to connect with: construction companies, wholesale companies in building materials, architects, housing companies, and organisations in infrastructure, real estate and retail.

Please find some examples of our work here: fotolight.nl/en/cases/



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### Hamwells

At Hamwells we create shower systems that help make showering as sustainable as possible. We strive for the best quality. Besides sustainability, comfort is one of our biggest priorities.

The Blue is a sustainable, mainly energy-saving shower system. It uses WWHR (Wastewater Heat Recovery) pipes, which recycle the residual heat contained in the shower wastewater in order to preheat the cold tap water. This way, you will need less hot water to maintain the desired shower temperature. This will result in a lower energy consumption, which in turn will mean lower carbon emissions.

#### Other advantages are:

- better nZEB compliance
- · smaller hot water system
- · easy to install

Please find some examples of our work here: linkedin.com/company/hamwells/posts/



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### Janson Bridging

Janson Bridging is the market leader in Europe for the hire of modular steel bridges, pontoons, RoRos, temporary bridges and ferries and it is the largest rental company of its kind in the world. Our headquarters is located in Hank in the Netherlands and Janson Bridging has branches in UK, France, Germany, Belgium, Italy, Poland, Norway and sales representative office in Sweden.



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### Leadax

#### Circular and sustainable waterproofing materials

Leadax is an innovator and manufacturer of circular waterproofing products for the world of today. Leadax is using recycled plastic polyvinyl butyral, (r-PVB), which has previously been used in laminated glass (such as car windows), as a raw material for waterproofing products.

There is an abundance of PVB waste available worldwide. In Europe alone, this pile of waste weighs more than 1.5 billion kilograms, and this increases by the same amount every year. This waste used to be dumped or burned. Currently, our circular waterproofing products are used in 17 countries on three continents.

#### Our product range includes:

- Leadax Flashing
   The world's most sustainable lead replacements with the look and feel of traditional lead, without any of the negatives.
- Leadax Roov (flat roofing membrane)
   A revolutionary roofing membrane in reflective off-white, made from recycled plastic waste (r-PVB).



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### Luxxor Sustainable Drain Systems

Luxxor is a developer and distributor of circular sustainable warm water concepts. We cooperate with EU suppliers to ensure product quality and innovation over the supply chain. Warm water is a growing share in the amount of energy used in buildings and is, in well isolated buildings, responsible for up to 50% of the heat demand. In countries where gas/oil was the main energy source for the shower, the transfer to all-e pressurizes building space and the electricity grid. We have concepts for every shower (for example houses, hotels, sport facilities and hospitals)

The current Luxxor product range, reduces the heat demand and along with smart storage improves the sustainability:

- drain water Heat Recovery
- warm water batteries
- stainless Steel storage tanks

Our mission is to make sustainable warm water available for everyone.



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### **Madaster**

Madaster is the online registry for materials and products. In Madaster, data is recorded on all materials and products that are incorporated in real estate or infrastructure objects such as buildings and bridges. We are 100% BIM compliant and smoothly blend in operational processes of designers, builders, asset managers and product manufacturers.

Registering every component provides insight into the degree to which an object can be dismantled, its embodied carbon, and the toxicity of materials and products used. It also enables determining whether materials and products can be reused after disassemblage. Madaster offers a wide range of data options including certified LCA/EPD datasets to assure creation of environmental performance reports.

Building with Madaster means that you can proof your positive impact on resource usage and CO2 emissions. That's how we support you in taking better care of our planet.



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### **Plugwise**

Plugwise is a pioneering Dutch company at the forefront of smart energy management, specialising in the innovation of smart thermostats, energy monitors and switches designed to enhance energy efficiency for both individuals and businesses.

With a commitment to empowering users to optimise their energy consumption in real-time, our products not only facilitate substantial energy bill savings but also significantly contribute to environmental sustainability by reducing carbon footprints.

As a leader in intelligent energy-saving technologies, including advanced zone heating for personalised comfort without the need for renovations, Plugwise offers a seamless blend of advanced technology, user-friendly design and reliability.

Our solutions, suitable for all types of floor heating, radiators and convectors, are compatible with heat pumps (both existing and yet-to-be-installed), ensuring a comfortable, sustainable living environment. Dedicated to innovation, customer satisfaction and eco-friendly practices, Plugwise stands as an essential partner for achieving an energy-efficient home or business.



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### Pluss Advanced Technologies

We are a materials research and manufacturing company involved in the field of specialty polymeric additives for enhancing polymer properties and Phase Change Materials (PCMs) for thermal energy storage. Research and innovation have been the cornerstones of the company since its inception and are at the very core of its DNA. Furthermore, the organisation actively welcomes and motivates young minds, assisting them in successfully implementing their ideas.

#### Our purpose

Committed to making substantial contributions, we aim to bring about a transformative impact on the thermal energy storage industry. This dedication extends to the development of breakthrough products that effectively address both current and future societal needs.



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### Pretty Plastic B.V.

Pretty Plastic designs and produces sustainable building materials, made from 100% recycled PVC sourced from plastic window frames, downspouts, and rain gutters. Our tiles demonstrate how waste can be transformed into beautiful products.

Our product portfolio consists of three different tiles, available in four colours: grey, green, ochre, and terracotta. Our façade and roof cladding are used in private residences, utility projects, and high-rises. They are suitable for modular buildings and prefabrication.

Our tiles are easily detachable and fully recyclable after use, creating a circular product and reducing environmental impact for construction waste. The Pretty Plastic façade and roof tiles are certified according to international standards and are installed in projects all over the world.

Please find some examples of our work here: prettyplastic.nl/projects



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# Priva Lab for Innovation

Priva's Lab for Innovation (Lin) develops innovative building technologies and software that lead the way to better, healthier buildings and smarter approaches to energy use and decarbonisation.

Save energy, reduce CO2 emissions and reduce grid congestion with ecoBuilding: ecoBuilding is a cloud-based, data-driven solution that can be added to any building management system. Using digital twin and AI technology, it predicts and minimises the energy needed to reach your desired climate conditions. To do that it takes data from a range of sources - weather forecast, sustainable energy and flexible prices - and uses that data to drive down energy consumption.

This saves its users money and energy and reduces CO2 emissions. ecoBuilding saves up to 50% on the energy used for HVAC.

Please find some examples of our work here:

priva.com/buildings/solutions/smart-building/ecobuilding#section-06



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### **RABLE Group B.V.**

RABLE Group BV is company from Delft, the Netherlands, manufacturing an innovative mounting system for solar panels. Do you think your roof is too weak for solar panels? Or did you not pursue a solar car park because of the costs? Come and talk to RABLE!

Our mounting system technology creates a self-sustaining structure that hovers over the roof or carpark columns. No ballast is needed while the robust system carries solar panels, snow load and heavy wind loads with ease. Fully tested and certified, with numerous projects in the Netherlands and now expanding into Scandinavia. Together, we can make many more solar projects possible in the built environment, turning weak roofs and car parks into power plants while leaving fields and lakes to nature.



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### Realstats B.V.

Realstats is a specialist in the real-estate industry and the number one in rental data. With a team of data experts, we provide the most reliable datasets and comprehensive analyses of the housing market.

Our mission is to enhance transparency within the housing market, fostering better alignment between supply and demand. Through the analysis of trends and developments in the housing market, we assist government bodies and market players in making informed decisions, effectively mitigating risks and capitalising on opportunities.



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# Wezenberg Trading B.V.

Rapidly installed window and doors for your modular construction At Wezenberg Trading, you will find quickly installed window frames and doors for your system and unit construction. Our high-quality and user-friendly products are specially developed for quick mounting and are custom-made in Germany.

Assembly is possible in a few minutes thanks to the inner clickframe. Our products are distinctive because of the integrated roller shutters and screens in our window systems, inner clickframe, and we deliver our products already fitted with glass.

Our strength: short delivery times, problem-solving ability, enjoyment of entrepreneurship and personal contact. We offer you honesty and clarity; we say what we do and we do what we say.

Please find some examples of our work here: wezenbergtrading.nl/en/gerealiseerde-projecten/



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### Organising Committee

This mission is part of a long-term effort by the Dutch Embassy in Stockholm, InnovationQuarter, the Regional Business Development Team for the Baltics and Nordics, the Netherlands Enterprise Agency (RVO) and Amsterdam Trade&Innovate to support Dutch companies in the sustainable building sector with their market expansion to the Scandinavian market.

## Amsterdam Trade & Innovate

Amsterdam Trade & Innovate supports innovative and creative entrepreneurs with their international ambitions. In order to solve urban challenges in the field of mobility, food, circular textiles and sustainable building, we need the solutions, innovative strength and entrepreneurship of companies. We set up various activities for entrepreneurs, including training programmes on internationalisation and trade missions.



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### Embassy of the Kingdom of the Netherlands in Sweden

The Netherlands Embassy in Stockholm represents the Dutch government in Sweden. The embassy plays a vital role in promoting economic diplomacy and supporting the international business activities of Dutch companies.

The embassy is a platform for dialogue and collaboration between governments, businesses and research organizations. Agrifood, Climate & Energy, Life Sciences & Health, Resilient Cities, Security and Technology of the Future are priority themes for the trade and innovation team.



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### **InnovationQuarter**

InnovationQuarter is the regional economic development agency for the Province of Zuid-Holland, also known as the greater Rotterdam -The Hague area.

Our mission is to strengthen the regional economic structure by stimulating the innovation potential of this unique delta region. In close collaboration with all major corporations and many SME's, educational and research institutes as well as government organisations, we align the efforts required to design a brighter tomorrow.

We support regional companies in doing business internationally, and foreign companies seeking to add value in our region.



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### **Market Link**

Market Link Scandinavia facilitates business contacts between (Dutch) exporters and companies in Sweden, Denmark, Finland and Norway.

Activities include partner search, market research, and organising and accompanying market orientation trips.



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### Regional Business Development Team

The Regional Business Development Team supports Dutch companies with sustainable business solutions to connect with the Nordics & Baltics: to increase private market-collaboration and market-entry between the Netherlands and Northern Europe.

As part of the Dutch embassy network in the region, the team provides detailed market information and specific instruments and connects small and larger companies to local and regional networks: for long-term commitment and partnership. The focus area of the team is set for Sustainable Construction and Green Energy within the transition to a Circular Economy.



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### Colophon

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