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# Legend of Indicators

The highlighted icons and categories indicate the types of products, services, and certifications each business offers.

#### Definitions product & services portfolio categories



Certified Organic: Products that are officially certified by internationally recognised organic standards, such as EU Organic, USDA NOP Organic, or JAS. These are verified by licensed authorities and follow strict environmental and production criteria.



Third-Party Verified: Products that have been reviewed or verified by a reputable third party, such as an ISO-certified auditor, research institute, or external laboratory. Thirdparty verification provides credible, external validation.



**Self-Declared:** The supplier declares that their product is organic or sustainable, but this claim has not yet been verified or certified by an external organisation. This may still indicate strong ambition, but carries no official guarantee.

#### Definitions product & services portfolio categories

Certification Verified certification process

Trade

Exchange of agricultural goods

Crop Protection Pest & disease control

😭 Training & Advice Support & knowledge training

文 Fertilisers Soil and crop nutrition

Seeds

Planting material

Mechanisation Tools, equipment & technology



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## Foreword

Transforming agri-food systems has become a global priority. In the face of climate change, the degradation of natural resources, and increasing demands for inputs that are both appropriate and environmentally respectful—whether they be seeds, fertilisers, or technical training—are emerging as essential pillars of sustainable, resilient, and inclusive agriculture.





Across West Africa, agroecology is experiencing significant growth, signaling a clear recognition of the role of biological and organic inputs in building more sustainable and productive food systems. At the same time, their use remains uneven. Several factors contribute to this: restricted access to information and training, a fragmented commercial supply, sometimes high costs, and a lack of awareness of the long-term benefits these solutions offer. Yet the potential is enormous—not only to boost sustainable productivity on farms, but also to meet the growing expectations of local and international markets for quality and traceability.

In this context, Dutch expertise in organic and biological inputs is a valuable asset. With its long-standing tradition of agricultural innovation and strong commitment to sustainable development, the Netherlands offers high-quality solutions.

This catalogue was developed with precisely this ambition: to make it easier for agricultural stakeholders in Côte d'Ivoire, Senegal, and the wider region to identify and access Dutch solutions in biological and organic inputs. The companies presented—around twenty innovative Dutch enterprises—are eager to share their expertise through win-win partnerships and to strengthen their engagement in Francophone West Africa.

This document is therefore an invitation to collaborate, to exchange knowledge, and to build lasting partnerships between Dutch companies and West African actors. Driven by a shared commitment to agroecology and sustainable development, we hope to encourage cooperation that supports a more resilient, competitive, and environmentally respectful agriculture. Together, we can sow the seeds of a healthier, fairer, and more planet-friendly agriculture.



# **Avant-Propos**

La transformation des systèmes agroalimentaires est devenue une priorité mondiale. Les effets du changement climatique, la dégradation des ressources naturelles et la demande croissante pour des formations techniques et des intrants adaptés et respectueux de l'environnement — qu'il s'agisse de semences ou d'engrais — soulignent l'importance d'adopter des solutions durables, résilientes et inclusives. L'adoption de ces solutions constitue aujourd'hui un pilier essentiel du développement agricole.

En Afrique de l'Ouest, l'agroécologie connaît un essor remarquable, ce qui s'accompagne d'un intérêt croissant pour les intrants biologiques et organiques, désormais perçus comme des leviers essentiels de systèmes alimentaires plus durables et plus productifs. Pourtant, leur utilisation demeure faible. Plusieurs facteurs y contribuent : un accès limité à l'information et à la formation, une offre commerciale fragmentée, des coûts parfois élevés, ainsi qu'une compréhension insuffisante des bénéfices à long terme que ces solutions peuvent offrir. Et pourtant, leur potentiel est immense — non seulement pour améliorer durablement la productivité des exploitations, mais aussi pour répondre aux attentes croissantes des marchés locaux et internationaux en matière de qualité et de traçabilité.

Dans ce contexte, l'expertise néerlandaise en matière d'intrants biologiques et organiques constitue un atout majeur. Forte d'une longue tradition d'innovation agricole et d'un engagement affirmé en faveur du développement durable, les Pays-Bas proposent des solutions de haute qualité.

C'est dans cette ambition que s'inscrit l'élaboration de ce catalogue : faciliter l'identification et l'accès, pour les acteurs agricoles de la Côte d'Ivoire, du Sénégal et de la région, aux solutions néerlandaises en intrants biologiques et organiques. La vingtaine d'entreprises présentées, reconnues pour leur capacité d'innovation, souhaite partager leur expertise à travers des partenariats gagnant-gagnant et renforcer leur présence en Afrique de l'Ouest francophone.

Le présent document constitue donc une invitation à collaborer, à partager des connaissances et à bâtir des partenariats durables entre les entreprises néerlandaises et les acteurs en Afrique de l'Ouest. Animés par un engagement commun en faveur de l'agroécologie et du développement durable, nous espérons mettre en place des coopérations qui contribueront à une agriculture plus résiliente, plus compétitive et plus respectueuse de l'environnement. Ensemble, semons les graines d'une agriculture plus saine, plus équitable et plus respectueuse de notre planète.

#### Carmen Hagenaars

Ambassadrice du Royaume des Pays-Bas au Sénégal

#### Jeroen Kelderhuis

Ambassadeur du Royaume des Pays-Bas au Côte d'Ivoire

# Soil Valley

Soil Valley is dedicated to restoring and safeguarding healthy soil and water systems, recognising these as key drivers of sustainable regional development. By bringing together farmers, researchers, governments, businesses, and citizens, Soil Valley fosters innovation and collaboration. This collective effort supports healthy food, climate resilience, a sustainable living environment, and secure livelihoods for future generations.

Through applied research, pilot projects, and Living Labs, Soil Valley brings knowledge into practice—showcasing solutions such as biostimulants, compost applications, and regenerative farming methods. These efforts improve soil life and water management while strengthening climate resilience and long-term food security. Healthy soil is the foundation of healthy food, thriving communities, and a strong economy. Working closely with local farmers and regional governments, Soil Valley promotes practical cooperation and raises awareness of the vital link between soil health, human well-being, and economic prosperity. By stimulating startups, supporting innovation, and removing regulatory barriers, the network creates new opportunities for circular value chains.

Soil Valley demonstrates that healthy soil and water are essential not only for agriculture, but also for resilient landscapes, sustainable economies, and generations to come.



#### Contact

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# **Netherlands Food Partnership**

## Strong Partnerships for Sustainable Food Systems

Transitioning to more sustainable and climate-adaptive farming, food processing, and food consumption is vital, but requires the involvement of many. Addressing this challenge is central to the Netherlands Food Partnership's (NFP) mission. As a strategic convener and catalyst for collaborative action on sustainable food systems, we bring together actors from across the public, private, knowledge and civil society sectors – the "Diamond" model – to jointly tackle the pressing food system challenges.

Our unique partnership approach builds and supports initiatives that link Dutch expertise and innovation with local priorities in Low- and Middle- Income Countries. By facilitating access to knowledge, generating opportunities for joint action, and building trust and relationships across cultures and disciplines, we promote the systemic change needed to make food systems sustainable.

One pressing food system challenge is the environmental impact of conventional crop protection methods. In Senegal and across West-Africa, rising awareness about the environmental and health risks associated with pesticide residues in domestic food is creating demand for safer, more sustainable solutions. Biological and organic inputs for crop protection and soil health offer promising, economically viable alternatives.

This catalogue provides an initial overview of Dutch suppliers offering organic and biological inputs that contribute to more sustainable agricultural practices. While it serves as a practical resource, it is also an open invitation to engage with us in dialogue, exchange, and exploration of further collaboration. Real impact emerges when such innovations are embedded in inclusive partnerships. So, we welcome your feedback, insights, and ideas.

#### Contact

We invite you to join this specific effort to transform food systems. Please, reach out to us with your questions, ideas, and solutions.



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### **Stay Conntected**

You can find us and our updates on this topic on our website and social channels.

💼 🖸 @NetherlandsFoodPartnership

www.NFPConnects.com







# Advance Consulting









Advance Consulting is a private sector development consultancy that operates in Africa, Asia and Latin America since 1999. Active in agrifood, renewable energy and circular economy, they provide services in fundraising, business and farmer support, research, strategic advice, project development and implementation.



#### **Products & Services**





Advance Consulting supports both organic and conventional farmers in adopting sustainable farming practices. These practices are promoted through value chain and sector development projects, capacity building, fundraising for SMEs, and farmer training—integrating organic, water-smart, and nature-inclusive approaches. In every project, Advance Consulting ensures that solutions are both technically sound and economically viable, so they remain effective long after project completion.

### Activities in (West) Africa

Advance Consulting has offices in Jordan, Kenya, Senegal, and Burkina Faso. The company has mobilised financing for SMEs, provided business support to farmers and entrepreneurs, and managed projects across the horticulture, livestock, and commodities sectors. It has also executed 1000+ advisory assignment in Africa, of which 100+ in most West-African countries.

## Type of Customers

Advance Consulting mainly works for SMEs, donors, NGOs and Social Impact Investors.

## Sustainability & Impact

Advance Consulting creates impact by fostering private sector development. The company works to build and strengthen ecosystems where businesses and farmers can refine their goals, improve their strategies, secure financing, and access the support they need to achieve lasting, sustainable change—benefiting more than 1,000 SMEs and 50,000 farmers to date.

Contact

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If it is not sustainable, we don't even start with it.

# AgroCares





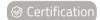




AgroCares develops real time soil health, soil carbon, leaf and feed testing solutions. Using sensors, apps, and a global calibration database, it enables fast, affordable onthe-spot analysis. Its work enables improved soil knowledge, strengthening advisory services, and supporting local partners to provide affordable testing at scale. The company operates internationally in Africa, Asia, Europe and North and South America, with offices in Wageningen, Nairobi and Istanbul.



#### **Products & Services**



🎯 Certification 🕡 Crop Protection 🙎 Fertilisers 🧐 Mechanisation 🖾 Trade 😭 Training & Advice 🧔 Seeds







AgroCares offers unique tools that make laboratory analysis accessible for farmers and advisors. Products include the Lab-in-a-Box and AgroCares Scanner, with apps that provide recommendations within minutes. Analyses show what soils or plants need, helping users make better fertiliser decisions, reduce overapplication, and improve soil health.

## Activities in (West) Africa

AgroCares has a local presence in Kenya and Ivory Coast, with scanners also used in Nigeria and Ghana. Activities include training partners and building capacity for reliable soil and crop data.

### Type of Customers

Customers include fertiliser companies, agronomy advisory companies & consultants, global operating food & feed companies, governments, NGOs, cooperatives, and local organisations using AgroCares tools and training to provide services to farmers.

### Sustainability & Impact

AgroCares improves access to soil knowledge. Seeing immediate results in the field of more balanced plant and soil management strengthens trust and empowers farmers to apply fertilisers more efficiently, preventing overuse and soil degradation. In recent years, it conducted 1.75 million analyses, covering 50 million hectares and advising over 400,000 farmers.



#### Contact

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We want to enable local organisations, being businesses or governments, to build their own business with this technology. Farmers use the results to profit from improved yields, but it is the local partners who provide the services and make impact at scale.

## Antonie









Antonie is a Dutch scale-up that develops Al-based analysis and monitoring systems for agricultural use. The company combines biology, data science and engineering disciplines. It offers both above-ground (crop) and below-ground (soil) deep insights with their software - systematically and at scale. Its analyses provide data-driven support for decision making in the field. Antonie's AI systems are currently applied in projects across Western Europe.



#### **Products & Services**



🎯 Certification 🚺 Crop Protection 🙎 Fertilisers 🦃 Mechanisation 🖾 Trade 😭 Training & Advice 🥥 Seeds







Antonie offers applied solutions at key moments in crop and soil management. With its above-ground methods, the company can determine the optimal timing for interventions such as releasing pollinators or trimming for seed production, thereby increasing the harvest and quality of seeds. With its below-ground methods, Antonie analyses soil life with automated microscopy and AI – with nematode types and populations serving as key indicators. This enables farmers to adopt more sustainable practices that strengthen soil ecosystems. Improved soil life supports healthier crops and reduces the need for chemical inputs.

### Activities in (West) Africa

Antonie is open to future expansion into West Africa but does not currently have projects on the continent.

### Type of Customers

Customers include farmers, growers, seed companies, governments, landowners.

### Sustainability & Impact

Antonie works to improve soil health and support sustainable agriculture by linking Al-driven monitoring to practical applications in the field. Its systems provide farmers, landowners and governments with knowledge to optimise crop performance while minimising environmental impact. By combining advanced technology with field-level decision support, the company fosters more resilient and resource-efficient farming systems.

Contact

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Our goal is to bridge the gap between technology and agriculture, making innovation directly useful in the field.

## Bakker Brothers









Bakker Brothers is a Dutch company, founded in 1928, specialised in breeding, producing, processing, and marketing vegetable seeds. The company is active internationally with a focus on the African market. Its expertise lies in providing disease-resistant varieties adapted to local growing conditions, combined with practical know-how to support smallholder growers in increasing productivity.



#### **Products & Services**



🥝 Certification 🚺 Crop Protection 🔰 Fertilisers 🦃 Mechanisation 🖘 Trade 😭 Training & Advice 🧔 Seeds



Bakker Brothers' portfolio consists of varieties of seven different crops, with onions and tomatoes as their focus. A notable part of the portfolio is Biostim, a seed enhancement treatment that combines an organic film coating with carefully selected nutrients. This all-in-one concept not only protects and nurtures seeds from the very start but also supports healthy crop development and respects the environment.

### Activities in (West) Africa

Bakker Brothers operates across several African countries, with a focus on supporting smallholder and professional growers. Activities include distribution networks, training, and technical support. The company is active in countries across Africa, including Kenya, Tanzania, Ethiopia, and Uganda, and extends into West Africa with operations in Nigeria, Ghana, and Senegal.

## Type of Customers

Bakker Brothers works with distributors, dealers, and cooperatives. Its customers include both smallholder growers and larger professional growers, mainly producing for the local market or surrounding countries.

### Sustainability & Impact

The company emphasises sustainable practices by offering solutions that help growers reduce dependence on chemical inputs and improve crop resilience. Its Biostim seed treatment is designed to contribute to more sustainable growing systems.



#### Contact

Ir. Anja de Feijter anja@bakkerbrothers.nl www.bakkerbrothers.com/en Let's create more awareness on the benefits of using good, hybrid seeds without spraying chemicals. The shelf life of a tomato is a characteristic we breed into the product, not something that is added afterwards.

## **CABI**









CABI is an intergovernmental, not-for-profit organisation that improves people's lives worldwide by providing information and applying scientific expertise to solve problems in agriculture and the environment. Their expertise consists of integrated crop and pest management, development communication and extension, digital development, invasive species, publishing and value chains and trade.



#### **Products & Services**









The CABI BioProtection Portal is part of CABI's suite of digital tools that turn data and science-based knowledge into practical information for smallholder farmers. It is the world's largest free resource for biological pest management, offering a searchable directory of nationally registered biocontrol and biopesticide products across 50 countries, along with guidance to help advisors and farmers integrate these sustainable solutions into pest management programmes. Complementing this, CABI also provides face-toface training and knowledge sharing for government and private sector agricultural advisors and farmers.

### Activities in (West) Africa

CABI has a strong presence in Africa, notably through its BioProtection Portal, available in nine West African countries. It also runs initiatives such as the Harnessing Nature's Microbes for Sustainable Agriculture project, which uses nature-based methods to restore soil health and boost yields.

## Type of Customers

National governments, private sector, donors, agricultural advisors, farmers

## Sustainability & Impact

CABI provides several different ways to translate scientific knowledge on sustainable farming into practice. This is partly accessible for free via the CABI Academy and the mentioned portal, empowering farmers to put this knowledge to effective use.

Contact

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Improving lives by solving problems in agriculture and the environment.

## **Control Union**









Control Union provides services for certifications and accreditations, inspections, laboratory analyses, pest control, and risk management. Their extensive expertise and global network of offices enables them to deliver accessible, practical solutions that fit local demand.



#### **Products & Services**



⊗ Certification ↑ Crop Protection ≯ Fertilisers ♦ Mechanisation ▼ Trade ↑ Training & Advice ↑ Seeds







Control Union makes it possible for farmers to certify their products as organic, regenerative, Rainforest Alliance, GlobalG.A.P., Food Safety, and many others through over 200 certification programmes. In addition, the company trains farmers, associations and factories, on these standards and sustainable practices. Upon completion of a programme, a farmer receives their status for the certification in question. This opens up global market access to farmers, allowing them the possibility to export their products abroad.

## Activities in (West) Africa

Control Union is active in the whole Western African region through its regional offices in Côte d'Ivoire and Ghana. With their services and projects, they can certify farmers organised in large farmer groups. While saving on certification costs, this makes it possible for the farmers to export their products for the European and international markets.

### Type of Customers

Smallholder farmers, growers, cooperatives, processors, exporters, and governments.

## Sustainability & Impact

Control Union has already certified 608,654 hectares of land under regenagri. With their local teams and meeting online, they reduced the use of airplanes for business meetings, thus their carbon footprint.



Contact

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We work as local as possible with our boots on the ground.

# Delphy









Delphy provides farm-based services including crop consultancy, practical trainings, and the design of new agricultural businesses. They support farmers in open field cultivation, greenhouses, pasture development and agroforestry. Their expertise includes technical specialisation in crop cultivation, soil management, irrigation, regenerative and climate smart practices, certification guidance, and project development. Delphy operates globally with projects and offices in Europe, Africa, Asia, and the Americas.



#### **Products & Services**



🥝 Certification 🚺 Crop Protection 🙎 Fertilisers 🦃 Mechanisation 🕼 Trade 😭 Training & Advice 🙋 Seeds



Delphy provides tailor-made training, B2B consultancies, and visual demonstrations, supporting both organic and conventional farmers wanting to adopt regenerative practices and principles. Projects include optimising soil health, agroforestry, reducing use of fossil and chemical inputs, integrating cover cropping, and valorising waste streams for animal and plant use.

### Activities in (West) Africa

Delphy has established a broad presence on the African continent. In Senegal, projects include supporting onion producers in the most sustainable way, developing cashew plantations, and working with returning refugees and their communities to build sustainable farming plans. They are also addressing the growing demand for animal feed in West Africa, particularly linked to dairy and meat production.

### Type of Customers

Type of customers: farmers, cooperatives, governments and commercial companies.

### Sustainability & Impact

Delphy creates sustainable impact and added value for farmers, NGOs and agribusiness. They aspire to establish 10 training and demonstration centres across Africa, with three new hubs — in Egypt, Nigeria and Senegal — planned to become operational within two years. Research and innovation are driven by six centres in the Netherlands. As part of Control Union Royal Peterson group, one of the largest organic certifiers, Delphy can also guide projects toward certification where requirements are met.



#### Contact

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We make growers better.

Moussa Bathily m.bathily@delphy.nl

## East-West Seed









East-West Seed Knowledge Transfer Foundation (EWS-KT) is a non-profit organisation that focuses on improving the vegetable production and business skills of smallholder farmers. They provide trainings in sustainable and profitable horticultural techniques and farm business planning. EWS-KT is a sister company of East-West Seed, a commercial company specialised in tropical vegetable seeds for horticulture.



#### **Products & Services**

EWS-KT trains farmers in climate-smart and sustainable practices, to help them adapt to increasingly extreme and unpredictable weather. Through a combination of nature-based and conventional methods, they emphasise soil health, water conservation, and integrated pest management. Their approach promotes the responsible and judicious use of agri-chemicals, the adoption of nature-based alternatives, and good agricultural practices that protect health, income, and the environment.

### Activities in (West) Africa

EWS-KT have a presence in Nigeria and Uganda. Here EWS-KT works on several projects, including Thrive. With Thrive EWS-KT trains smallholder farmers to increase their income through using sustainable, climatesmart practices, thereby producing a bigger quantity and wider variety of vegetables.

### Type of Customers

Smallholder farmers, agro input dealers, government and private institutions, NGOs and other development agencies.

### Sustainability & Impact

EWS-KT has already trained 400,000+ farmers in West Africa. Almost half of the farmers that they train are women under 35 years. EWS-KT thereby promotes gender equity and empowering the next generation of sustainable vegetable farmers. With the projects at EWS-KT the farmers are trained to use mulching, improve their irrigation and reduce the use of pesticides.



Contact

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We make sustainable farming economically viable.

Robert Kimonge robert.kimonge@eastwestseed.com www.eastwestseed.com

## Enza Zaden

ENZA ZADEN









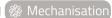
Enza Zaden breeds vegetable seeds, producing hundreds of varieties across more than 30 crops. Enza Zaden has six breeding stations worldwide, to develop seeds adapted to different climates around the world. At these breeding stations seeds are produced and research into new varieties is carried out.



#### **Products & Services**









⊗ Certification Trade Training & Advice Seeds



Most of the seeds produced by Enza Zaden are used in conventional farming, but their sister company Vitalis is the biggest producer of organic certified vegetable seeds in the world, producing more than 500 varieties. All seeds produced by Enza and Vitalis are hybrid varieties, which are claimed to yield three times more than open-pollinated seeds. Enza Zaden also provides trainings to farmers, in which they teach the effective use of seeds and drip irrigation. By using drip irrigation water usage is reduced significantly.

### Activities in (West) Africa

Enza Zaden has a presence in most countries on the African continent. In Western Africa, they are active in Senegal, Ghana, Côte d'Ivoire, Mali, Benin, Nigeria, Niger, Cameroon and Burkina Faso.

## Type of Customers

Customers include small and large farms, with larger farms buying directly and smaller farms supplied through local distributors.

## Sustainability & Impact

Enza Zaden places strong emphasis on minimising its carbon footprint. The company generates its own electricity at its facilities and supports tree planting, both to capture carbon and to provide natural shade for crops.



Contact

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Sustainability is in our DNA.

## GrowSolutions









GrowSolutions develops and produces a broad range of organic fertilisers and biostimulants, with the objective of facilitating the transition from chemical fertilisers to natural and organic models. The company views soil as a living system, identifying appropriate interventions using microbiology and organic compounds to support plant and soil health. GrowSolutions exports its products to more than 70 countries worldwide.



#### **Products & Services**













GrowSolutions offers products in five categories: soil health, optimise root zone, nutrients, efficient uptake, and plant resilience. Structured such as to provide the necessary connection between plant and soil throughout the whole growing season. Servicing short-term yield and long-term soil vitality. Most of its product portfolio is certified organic, although applications extend to both organic and conventional farming systems.

## Activities in (West) Africa

GrowSolutions has an established presence in Africa. In West Africa the company is active in Senegal, Ivory Coast, Ghana, Cameroon, Burkina Faso, Guinea, Nigeria and Mali, as well as in Morocco. Business is conducted either via dealers and distributors or directly with larger clients such as plantations.

### Type of Customers

Primarily importers, dealers and large farms and plantations. Complemented by smaller farmers who are reached indirectly via agricultural shops and governments through tenders.

### Sustainability & Impact

GrowSolutions aims to support the agro-ecological transformation of farming systems in Africa by providing inputs that improve soil health, strengthen plant resilience, and reduce dependency on synthetic fertilisers. The company sees particular opportunities in crops of strategic importance to West Africa, such as cacao.



Contact

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We see a role for ourselves in everything that is organically certified or benefits from organic based fertilisers

## HollandDoor







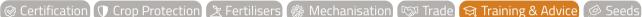


HollandDoor is a cooperation of agricultural experts that provides knowledge-based services for the development of the agrifood sector. The company has carried out assignments in more than 50 countries worldwide, through cross-sectoral partnerships. The multi-disciplinary team services agricultural systems from greenhouses, arable crop, cattle management to agroforestry.



#### **Products & Services**













HollandDoor provides agricultural educational systems, capacity development (training and coaching), study tours, and business matchmaking. Trainings commonly target moisture retention and soil improvement (such as no-till, planting holes, composting, mulching). In some projects, reported yields have increased significantly—up to five to ten times compared to previous harvests.

## Activities in (West) Africa

HollandDoor has several ongoing projects in West Africa. In Benin, the company supports agricultural education by training teachers and students. In Liberia, it strengthens the Farmers Union Network to build the capacity of farmer organisations.

## Type of Customers

Customers include farmer groups, cooperatives, NGO's, Ambassies, agribusinesses, and donor-funded programmes.

### Sustainability & Impact

HollandDoor collects feedback from the entire chain—farmers, traders, supermarkets, and consumers—to design training programs and advice that are tailored to real market demands.



Contact

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We do not give trainings from books, but based on practice.

## Holland Greentech









Holland Greentech works on the horticulture value chain as a whole in Sub-Saharan Africa. The company initiates the development of new value chains, sells, and distributes the products needed for the transition into sustainable agriculture. Holland Greentech trains farmers to put their products and knowledge to their best use. In order to get high quality inputs for the farmers, they work closely with partners like Koppert and Komeco.



#### **Products & Services**





The products and services that Holland Greentech provides are selected for sustainable and profitable agriculture, providing both certified organic and non-certified fertilisers, pest control, biostimulants, and seeds. Holland GreenTech cooperates with Holland Farming by introducing Cropmax, a biostimulant. Holland Greentech is an expert in irrigation systems for greenhouses and open fields, minimising water use and maximising its effect. With the provided knowledge, they train farmers about plant health, soil health, water management, and fertilisation, thereby enabling farmers to work towards sustainable agriculture.

## Activities in (West) Africa

Holland Greentech currently works in several Western African countries: Senegal, Burkina Faso, Ghana, Benin, and Niger. In Senegal, they are developing the greenhouse sector and providing their smart irrigation systems. Holland Greentech work with local teams and partners to develop the next step in African horticulture.

## Type of Customers

Young Expert farmers, big farmers, cooperatives, governments, NGOs, and national parks.

### Sustainability & Impact

Holland Greentech is completely focused on the development of value chains that are sustainable, agroecological, and climate smart agriculture. They strengthen the value chains, so they can sustain themselves.

Contact

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The use of agrochemicals are not in our inventory.

## **HZPC**









HZPC is a Dutch company specialised in potato breeding and seed potato trading, with activities in more than 90 countries. Its focus is on developing new varieties and distributing quality seed potatoes to strengthen local food systems, offering seed potatoes tailored to different climate conditions and purposes, such as potatoes for the fresh market and for the Crisp and French Fry industry.



#### **Products & Services**



HZPC breeds potato varieties that require less nitrogen and are more disease resistant. This reduces the need for fertilisers and crop protection, improving sustainability and lowering costs for farmers. HZPC highlights the need for knowledge transfer, as each variety requires its own technical guidance in the field.

### **Activities in (West) Africa**

HZPC is active in Senegal, Mali, Ivory Coast, Cameroon, and Burkina Faso, with trials and projects to adapt potato varieties to local conditions. Activities include collaboration on seed potato introduction and farmer training, to develop seed systems that strengthen local production. In several countries HZPC has local technical staff or follow-up is coordinated from the Netherlands.

### Type of Customers

HZPC's seed potatoes are aimed at local potato production for domestic markets. Customers include local distributors, agents or importers that distribute seed potatoes further down the chain.

## Sustainability & Impact

HZPC works to strengthen food security by improving access to quality seed potatoes and promoting locally adapted varieties. They breed potato varieties that reduce the need for fertilisers and crop protection sprays.

Contact

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Seed potato sales is an important element for us, but the knowledge transfer to growers is even more so.

## Komeco B.V.









Komeco specialises in the production of organic manure pellets, marketed under the brand name Fertisol, as fertiliser for the agricultural sector. The company processes either poultry or cow manure through a composting and drying process, transforming raw manure into high-quality pellets for use as fertilisers. Komeco exports Fertisol to more than 55 countries worldwide, with over half of its sales outside the EU. The company has developed strong experience in logistics, packaging, and compliance with international organic standards, and supplies both conventional and certified organic farmers.

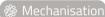


#### **Products & Services**













Komeco's production process encompasses composting the manure, which sterilises weed seeds, stabilises ammonium, and neutralises odor. The resulting pellets contain nitrogen, phosphorus, potassium, and essential trace elements. They act both as a fertiliser and as a soil improver, enhancing crop performance particularly on soils low in organic matter. Due to the composting process the water retention capacity of Fertisol is up to three times its own weight. Komeco's fertilisers are registered by Control Union, Ecocert, FIBL, OMRI and SKAL, which makes them applicable for organic farmers.

## **Activities in (West) Africa**

Komeco has a presence in both North and Sub-Saharan Africa. The company exports to Algeria, Libya, and Tunisia, and is active in Kenya and Uganda. In francophone West Africa, Komeco supplies products to Mali, Ivory Coast, and Senegal. Komeco works exclusively with intermediaries such as importers and dealers.

### Type of Customers

Dealers distribute products to end users, ranging from farmer cooperatives to larger farms.

## Sustainability & Impact

The company sees particular potential in regions with soils low in organic matter, such as in parts of West Africa, where even small applications of organic fertiliser deliver visible improvements.



#### Contact

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# Koppert









Koppert provides a scala of organic solutions for crop protection, crop health and pollination. For crop protection beneficial insects, insect traps, microorganisms and plant extracts are used. With biostimulants they provide solutions for a better crop health and with the breeding of bumblebees Koppert offers flower pollination. R&D and demo fields are central to their approach.



#### **Products & Services**





Koppert specialises in producing and breeding micro- and macro-organisms, alongside a portfolio that includes traps, beneficial insects, biostimulants for soil-borne diseases, micro-organisms, and plant extracts for pest and disease management. With this offering of organic solutions to pests and diseases, Koppert brings an alternative to chemical pesticides. Their products do not harm the local environment and are suitable for use in organic farming methods. Koppert also provides knowledge-based support for the farmers to make sure that their products are used in the best way possible.

## **Activities in (West) Africa**

Koppert has offices in Ivory Coast and Senegal and delivers to almost all Western African countries. For this region Koppert is specialised in providing solutions for fruit flies. They provide pheromone traps for various fruiting crops and different fruit fly species. This is a simple way of combating fruit fly damage without the use of harmful chemicals.

## Type of Customers

Customers include local distributors and farmers cooperations. Distribution is sometimes organised via local authorities and tenders.

## Sustainability & Impact

Koppert tests their products on local fields around the world in order to keep improving and create new solutions. After testing it on their own fields they validate experiments with clients.



#### Contact

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[Our aim is to create solutions that are] specific, easy to use and effective.

## LONO Innovations B.V.









LONO Innovations is an engineering and consulting company that designs and implements business models that transform agricultural waste into organic fertilisers and bioenergy. They provide consulting, training, and project development for farmers, merging hands-on experience with engineering expertise. By creating demand for waste, LONO helps increase smallholder incomes using resources they already have.



#### **Products & Services**



⊗ Certification (↑ Crop Protection ≯ Fertilisers 
 Mechanisation 
 Trade 
 Training & Advice 
 Seeds







LONO, via its subsidiary BIOYAM, obtained the Ecocert certification for their compost produced in Ivory Coast, providing farmers with access to a locally-produced, certified biological fertiliser. The compost developed by LONO and BIOYAM is enriched with soil activator and is priced lower than both conventional compost and chemical fertilisers, making it the most economical option available. To support market growth, LONO also trains the farmers how and when to best apply compost and biochar. This not only improves soil health and crop yields but also strengthens the foundation of sustainable agriculture.

## Activities in (West) Africa

LONO Innovations B.V., and its sister company, LONO Côte d'Ivoire S.A.R.L, have several projects in Ivory Coast, Burkina Faso, Guinea and Ghana. In these projects they work with agricultural waste from cacao, rubber, pineapple, palm oil, cassava, cashew, shea, and household waste. They apply their expertise to these waste streams to create organic fertilisers and several types of bio-energy. LONO has so far trained and supported over 1,500 farmers.

### Type of Customers

Large companies and governments.

## Sustainability & Impact

LONO provides services exclusively for agroecological farming and circular economy projects. LONO creates revenue from organic waste, stimulating organic farming and the bioeconomy.



#### Contact

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We believe that organic farming should be competitive even with conventional farming.

## MeMon









MeMon develops and produces organic fertilisers and soil improvers that provide organic-based nutrients and long-term soil health. By combining selected natural raw materials with essential nutrients, the company creates solutions that promote growth while regenerating soil fertility. With over 40 years of experience, MeMon operates internationally, exporting to markets in 70 countries across Europe, Asia, Africa, and the Americas.



#### **Products & Services**













MeMon offers organic fertilisers, complemented by organo-mineral fertilisers soil improvers, rock flour products, microbial additives, and tailor-made nutrient blends. Products are offered under MeMon's own brand and through private labels. For West African markets, the core portfolio is quality organic fertilisers based on chicken manure, complemented by a range of value-added solutions. These rely on natural raw materials that enhance soil structure and microbial activity, supporting long-term soil fertility as well as crop growth. Memon's products carry international certificates, including ISO, FiBL, OMRI, Control Union, SKAL, and Ecocert.

### Activities in (West) Africa

MeMon is active across Africa through partnerships with importers and distributors. The company's products are supplied both to retail markets and plantations, addressing the needs of smallholders as well as largescale agricultural production. In West Africa, MeMon has experience in Senegal, Mali, Ivory Coast, Ghana, Burkina Faso and Cameroon, where the focus is on restoring soils low in organic matter while at the same time improving the efficiency of nutrient use from available sources.

### Type of Customers

MeMon's products serve both the retail sector and professional organic farming. Customers include cooperatives, plantations and distributors, which in turn serve small scale farmers, farmer groups, and institutional buyers.

## Sustainability & Impact

MeMon strengthens sustainable agriculture by shifting from curative to preventive agriculture. Soil improvement is essential, and they particularly see relevance for their products in West Africa, where soil fertility challenges are significant and long-term solutions are needed.



#### Contact

**Johan Mourik** mourik@memon.nl www.memonfertilizers.com Improving soil fertility is essential for future food security.

## Resilience









Resilience is a research and consultancy firm with expertise spanning three main areas: agriculture, irrigation, and private sector development. With a strong focus on activities in Africa, Resilience supports governments, organisations, and farmers address climate variability and develop practical solutions to pressing climate issues through research and consultancy projects.



#### **Products & Services**





Resilience provides consulting, project management, training, and applied research. Its integrated approach combines organic and inorganic fertilisers, Integrated Soil Fertility Management (ISFM), and integrated pest management. The horticulture training and demonstration centre in Côte d'Ivoire trains groups of 30 youth in sustainable vegetable production, combining biological methods with correct use of chemical inputs when necessary.

## Activities in (West) Africa

Resilience has offices and ongoing programmes in Côte d'Ivoire, Ghana, and Benin. In Côte d'Ivoire, it runs a horticulture training and demonstration centre, which will soon be including demonstrations for composting and biodigesters with local partners. In Ethiopia, Resilience implements the TRANSFORM programme with 15 partners, promoting balanced fertilisation using organic inputs, minerals, lime, mycorrhiza, and biostimulants. The programme links producers, agro-dealers, and farmers through training, demo fields, and trial plots.

### Type of Customers

Resilience works mainly for governments and semi-government organisations (around 80%), as well as for companies (around 20%).

## Sustainability & Impact

Resilience emphasises practical approaches such as demo fields and training centres, where "seeing is believing." Its strategy is to keep methods directly applicable, with a clear decision tree for pesticide use: no, except as a last resort, applied curatively and not preventively.



#### Contact

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Keep it simple, keep it practical, and learn by doing.

Harry Viderot harry@resiliencebv.com

# Rijk Zwaan









Rijk Zwaan is a vegetable and fruit breeding company that develops and supplies seeds for over 30 crops. The company invests heavily in research and development, dedicating about 30% of annual turnover to it. Its breeding programmes target traits like disease resistance, yield stability, climate adaptability, and nutritional value. Rijk Zwaan operates in 100+ countries with subsidiaries, trial stations, and local teams. Its work is built on collaboration and knowledge transfer with distributors, growers, and supply chain actors.



#### **Products & Services**





Over 2000 different varieties of vegetable and fruit seeds. The breeding programs integrate traits that can reduce the need for external inputs, such as resistance to pests and diseases, improved shelf life, and resilience under local climate conditions. Products are offered in three categories: Chemically treated, Non-Chemically treated and Certified organic.

## Activities in (West) Africa

Rijk Zwaan seeds are available across Africa through a wide network of local representatives and distributors. The company has a presence in every country where its seeds are sold and invests in specific countries with local staff, field days, demonstration plots, and training activities. These include Senegal, Ivory Coast, Ghana, Benin, Nigeria, Ethiopia, Kenya, Rwanda, Uganda, Tanzania – where it operates a breeding station, South-Africa, Egypt and Morocco. Breeding material is developed to match different climatic conditions, with the use of multiple breeding and testing stations worldwide to adapt varieties to local environments.

### Type of Customers

Distributors, grower cooperatives, commercial farms, and smallholder farmers reaching directly or through partners and development programs.

## Sustainability & Impact

Rijk Zwaan's breeding activities are continuous, always adapting to what customers and markets require. Input is collected from across the value chain — from consumers, supermarkets, and farmers — and used as the basis for developing new varieties. The company emphasises that the transition to healthy local food systems can only be achieved through collaboration across the entire chain.



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Encouraging the local production of vegetables for the local consumer and the local market.

## Simonis Fertilizers B.V.









Simonis Fertilizers B.V. has nearly 35 years of experience in international trade and export of fertilisers. It specialises in supplying both mineral and organic fertilisers. Organic inputs now account for approximately half of its portfolio. The company maintains registrations for its products in multiple countries and serves customers in each continent. Simonis handles logistics—including import, export, repacking, and distribution—to more than 50 countries.



#### **Products & Services**











🕸 Certification 🕡 Crop Protection ≵ Fertilisers 🦃 Mechanisation 🖾 Trade 😭 Training & Advice 🥥 Seeds



Simonis Fertilizers supplies both mineral and organic products, often in combined formulas, to support soil health while meeting immediate nutrient demands. The company is experienced with certifications including ECOCERT and IFOAM, though challenges remain as certifications are often brand-name specific and vary by country. The product portfolio includes:

- Solid fertilisers: mineral and organic formulations.
- Liquid fertilisers: a growing segment in recent years.
- Organic inputs: derived from animal by-products and from plant-based sources.

### Activities in (West) Africa

Simonis Fertilisers has operated in multiple West African markets, supplying products to Ivory Coast, Senegal, Mali, Togo, Benin and Ghana. Current operations include the WOPROFERT brand in Ghana.

## Type of Customers

Primarily importers, who in turn supply cooperatives, farmer groups, or local markets. Simonis Fertilizers emphasises reliability and long-term relationships in its client base.

### Sustainability & Impact

Simonis Fertilizers positions itself as a niche market player, offering flexibility and tailored solutions rather than competing in bulk commodity markets.



#### Contact

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We serve customers on every spot of the world map, from Canada to Papua New Guinea.

# Spaak Circular Solutions









Spaak CS develops and manages projects to valorise waste products into practical applications, on four themes: biomass waste, rural transition, circular biobased building materials, and e-waste. Active in the Netherlands, Ghana, and Côte d'Ivoire, the company also creates new businesses when sector gaps arise. Work ranges from feasibility studies on technical, financial, and market aspects to developing companies that turn biomass into products improving soils, providing alternative raw materials, and supporting local industries.



#### **Products & Services**





Spaak's services can be applied in different contexts. They may participate in projects by providing insights and expertise on the valorisation of waste products from agriculture, food, and other sectors, or take full responsibility for managing and leading an entire project on this topic. Spaak has also shown capable of developing new businesses when there is a sectoral need. The team includes engineers and scientists who develop practical applications from waste streams. These products can contribute to soil improvement and support sustainable agricultural practices.

### Activities in (West) Africa

Spaak is currently engaged in three projects in Ghana and Côte d'Ivoire. In the first, they collaborate with cacao farmers to valorise cacao husks. From the husks they produce xylitol (a natural sweetener), fibres, and biochar. The biochar is then applied on the farms to increase the carbon content of the soil, which improves water retention and thereby supports soil health and farmers' resilience. The second project in Ghana involves producing textiles from plantain residues, as part of their "farm of the future" initiative. The third project, based in Côte d'Ivoire, focuses on producing a cement substitute from rice husks.

### Type of Customers

Processing companies, governments and consortia.

### Sustainability & Impact

Spaak works together with other organisations to create circular solutions which generate economical and ecological value. With their projects they make sure that sustainability gets integrated into the businesses.



#### Contact

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If it is not sustainable, our name is not on it.

# Tradin Organic









Tradin Organic is a global leader in sourcing and supplying organic food ingredients. With a portfolio of 150+ products from 60+ origins, they connect a worldwide network of trusted suppliers, processors, and customers. To develop and support organic farmers and processors, Tradin created two daughter companies. Organic Development Finance (ODF) provides starting capital for SME's and Organic Development Services (ODS) offers technical support to these businesses.



#### **Products & Services**





By maintaining a large worldwide network of farmers and processors, Tradin ensures that organic farmers have a stable market and a reliable income. Via its development activities, new and existing farmers receive assistance to farm organically, without the use for chemical fertilisers and pesticides. Their technical support includes digitalisation tools, training on improved farming practices and setting up nurseries for organic farming.

### Activities in (West) Africa

Tradin operates in several West African countries: dried mango and sesame from Burkina Faso; pineapple juice, cashew nuts, and shea butter from Togo; and cocoa beans from Sierra Leone. The company strengthens supply chains and supports communities. In Sierra Leone, Tradin works with over 20,000 cacao producers to transform monoculture plantations into agroforestry systems that layer vegetation to boost production, build resilience, and generate income from year one. To enable this, Tradin set up field schools, plant nurseries, and a microcredit programme. Together, these initiatives create jobs, diversify incomes, and stabilise communities. In Ivory Coast, Tradin supports cacao farmers with organic production and certification.

### Type of Customers

Tradin's customers are primarily processors, re-packers and factories.

### Sustainability & Impact

Tradin focuses on three key impact areas: regenerative organic agriculture, thriving farming communities, and certified products with traceable impact. The company contributes to broader goals such as food security, gender equality, and reducing migration pressures by strengthening rural economies.



#### Contact

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Tradin is committed to long-term cooperation with local suppliers and processors.

# Wageningen University and Research









Wageningen University and Research (WUR) consists of two organisations: Wageningen University (WU) and Wageningen Research (WR). Wageningen Research conducts applied research, on topics ranging from food systems transformation to impact analysis and capacity building in projects worldwide. Wageningen University is more oriented on fundamental research and on academic education (BSc, MSc, PhD, EngD).



#### **Products & Services**





WUR co-creates programmes and provides knowledge, insights, and practical tools to drive change across the agri-food sector. Combining scientific research with advisory support, WUR helps partners and food system actors adopt farming practices that are sustainable and tailored to their circumstances, using evidence-based solutions.

#### **Activities in (West) Africa**

WUR runs projects across Africa, including collaboration through an International Research Consortium on Food and Nutrition Security and Sustainable Agriculture between Africa and Europe. In West Africa, focus areas include horticulture, plant production, soil fertility, seed systems, value chains, and pastoralism. WUR's Sahel Platform brings together WU and WR expertise, which external partners can access alongside Sahelian knowledge to support food system transformation in fragile regions.

### Type of Customers

Partners include national and regional governments, NGOs, the private sector, other education and research institutions and funding organisations.

### Sustainability & Impact

WUR aims to 'Shape responsible change', The vision of WUR is to strike a delicate balance between the wellbeing of our planet with its diverse species and the needs of humanity for healthy food and environment. WUR tackles this global challenge by asking the right questions, fuelling curiosity, educating students and professionals, forging bold partnerships, and pushing the boundaries of curiosity-driven and applied science.



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This catalogue is a first overview of Dutch suppliers of biological and organic inputs and services available for Senegal and West-Africa. The catalogue is part of a wider ambition to provide professionals in horticulture and arable farming with options for more sustainable production. Hence, the next edition of this catalogue will be translated into French and shared in the relevant networks.

Do you want your products and services included in the next edition of the catalogue?

We invite you to reach out to us with your questions, ideas, and solutions. You can find us and our updates on this topic on www.nfpconnects.com

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