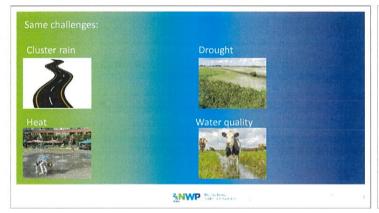
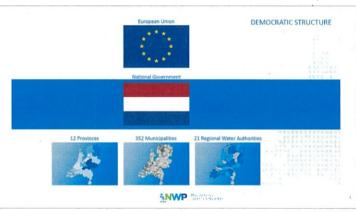
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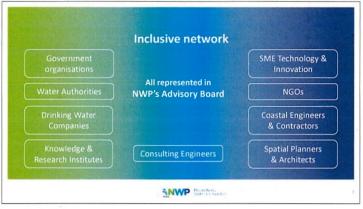


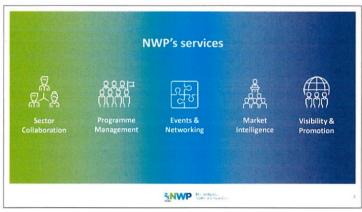


















#### **Nutrient Platform**

NWP hosts the Nutrient Platform, a cross-sectoral network of Dutch organisations that believe in a pragmatic approach towards nutrient recycling.

Frontrunners from the water, agriculture, waste sectors and chemical industry have joined forces to close nutrient cycles. Together with the Dutch Government, knowledge institutes and NGOs, the platform accelerates the transition towards sustainable nutrient management by creating a market for recycled nutrients.

Above all, the Nutrient Platform aims to turn the surplus of phosphorus in the Netherlands into an opportunity.



#### **NGO Platform**

Under the NWP Platform, NWP brings together Dutch NGOs working on different aspects of water management ranging from access to safe drinking water, sanitation and hygiene, and enhancing sustainable water use, to ecosystems management.

The platform acts as a forum for NGOs to discuss issues specific to their sector and creates the opportunity for a common voice to be heard in raising awareness about these issues in policy, research, business and other environments.



NWP Barton

#### Water for Food Programme

The goal of the Water for Food Programme is to develop both sustainable and bankable business cases in which agriculture meets water.

The programme aims at replication and scale-up, drawing on Dutch expertise to enhance international food security. This is done by supporting the development of high potential business cases with seed money.

The programme is initiated, developed and implemented by NWP, with support of the Dutch Ministry of Agriculture, Nature, and Food Quality.



SNWP No sala see

#### Young Expert Programmes

Young Expert Programmes, also known as YEP Programmes, alms to build expertise and create a young, refreshing, and inspiring international network. It focuses on:

- Water
- Agrofood
- Renewable Energy

Tailor made options

Tailor made options
Whereas Dutch Young Experts are given the opportunity
to gain relevant international experience through Dutch
organisations operating in developing countries and
emerging markets, non-Dutch Young Experts can acquire
relevant work experience in an international
environment.

To achieve this, YEP Programmes offers financial support to Dutch organisations employing Young Experts for the realisation of international development aid and trade projects.



SNWP Harming

#### **Events & Networking**

NWP connects the international water sector with Dutch peers at conferences and exhibitions, coordinates the joint participation of the Dutch water sector at fairs, and uses its network to seek the right participants and speakers at events.

#### Netherlands Pavilions and Lounges

The Netherlands water pavilions and lounges are set-up at events and fairs to showcase Dutch water expertise. Visit the pavilion at your next water event to meet Dutch experts and innovators.



SNWP Marketon

#### www.netherlandswaterpartnership.com

NWP's corporate website provides information on the work of NWP and its membership. The website illustrates areas of expertise and territories where NWP's network could create impact.

In 2023, the website had almost 50,000 active users, nearly 70 percent of whom came from abroad.

Updates from the website get disseminated through its dedicated social media channels (LinkedIn & X) and biweekly newsletter.



SNWP Banks

#### www.dutchwatersector.com

This website provides information on the Dutch water sector's international activities. It sustains and strengthens the international branding of the Dutch water sector, promoting the Netherlands as Centre of Excellence in the field of water.

In 2023, the website had almost 100,000 active users, nearly 90 percent of whom came from abroad

Updates from the website get disseminated through its dedicated social media channels (Facebook & X) and quarterly newsletter.



SNWP Marketon

#### NWP Partners

With 25 years of experience, NWP keeps on catalysing successful local, national and global collaborations to help solve water issues.

Throughout our work, we create opportunities for partnerships to advance water security worldwide.

MOU's with NFP, DGD, SAFTA, SALTA and others

Opportunities leading to:

- Knowledge sharingYoung talent development
- Policy influence
- Market growth



SNWP Mantenan



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DESOLENATOR®

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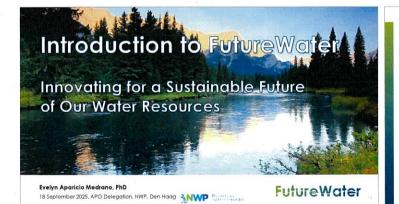


3NWP Handan

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SNWP By Allege



#### **About FutureWater**

- Our Mission: Driving innovation in water management through research, consultancy, and training
- Expertise: Since 2002 our MSc and PhD professionals are specializing in climate adaptation, water for food, river basin management, and nature-based solutions
- Innovative Solutions: Applying cutting-edge models, GIS and satellite data to deliver technical reports, policy insights, scientific publications, training, datasets, models, and operational services
- Global Reach: Collaborating worldwide with financial institutions, governments, universities, and (local) organizations, from our offices in Wageningen (The Netherlands) and Cartagena (Spain)

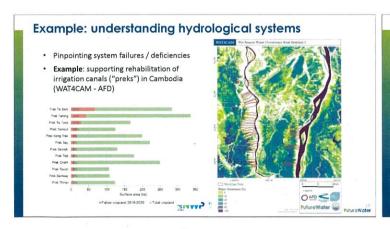


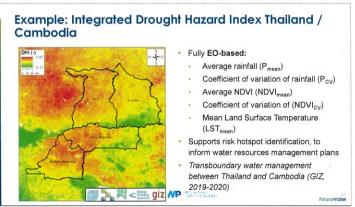


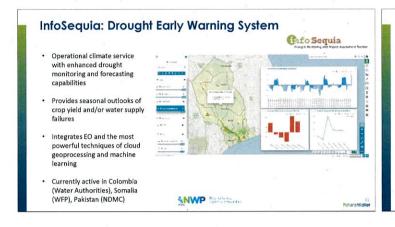


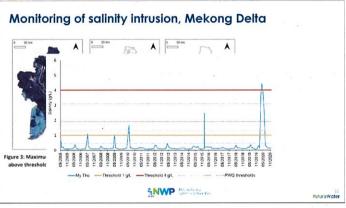
















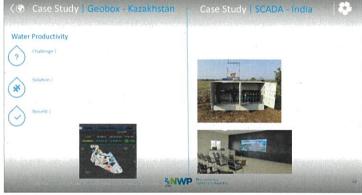




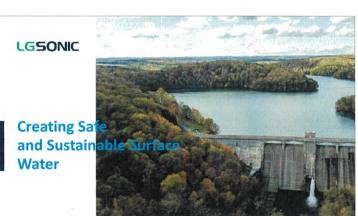










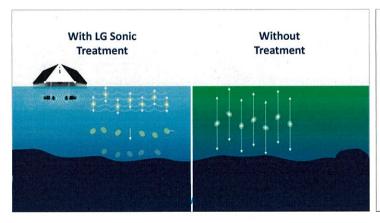
















### Pitch presentation by:



SNWP Manha



Thank you!







#### Our track-record in Asia

- · Projects in Bangladesh, Vietnam, Myanmar
- · Partners: ADB, governments, NGO's, private sector, universities
  - Yield increases from +34% up to 227%
  - Food security improved from 15% to 65%
  - · Farmer incomes increased from +34% up to 88%
  - · Up to 90% water savings with hydroponics



#### Let's make saline farming work - together

We invite you to partner with us to secure food production and farmer livelihoods in saline-affected regions



- · Introduce and test salt-tolerant crops in your region
- · Set up demonstration fields and train farmers and extension workers
- · Support governments with salinity assessments and policy advice
- · Partner with regional stakeholders, like ADB, to scale proven solutions



www.thesaltdoctors.co



opportunities for Asia



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SNWP Handan

### Pitch presentation by:



SNWP Mountain



Closing the Nutrient Cycle
Learnings in the Low-countries

18 September, 2025 Oen Haag Jorn Baan Hofman

3NWP Bankar



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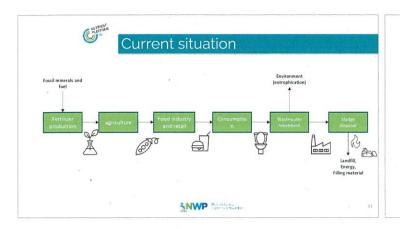
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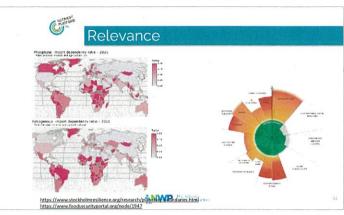
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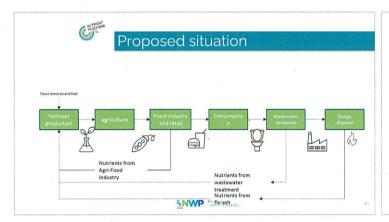
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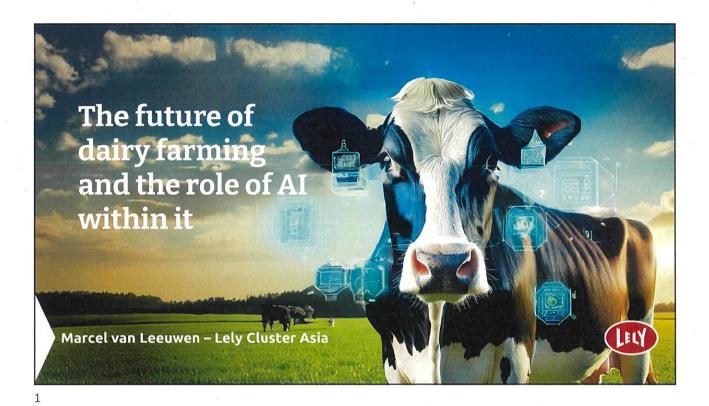








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Agenda

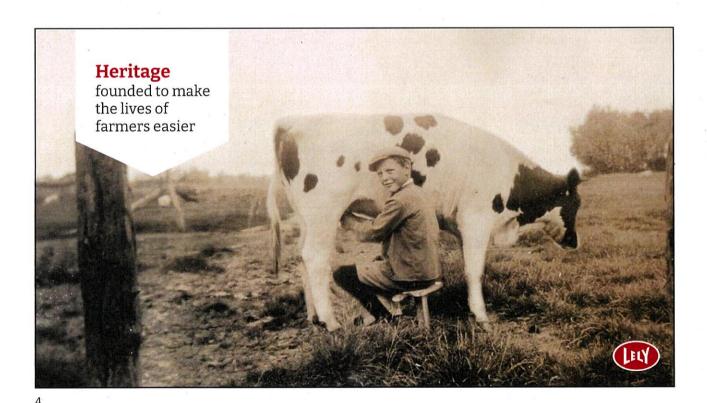
- Who are we
- The role of digital solutions and AI in the global dairy sector
  - The potential of digital/AI in the dairy sector
  - Creating value for dairy farmers through digital solutions
  - Examples of AI powered digital Lely solutions currently available for dairy farmers
- Take aways

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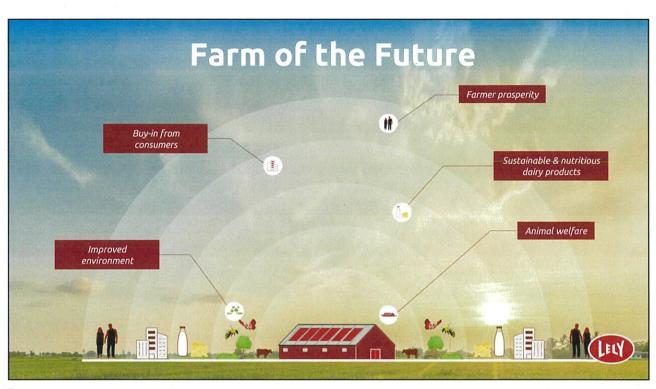


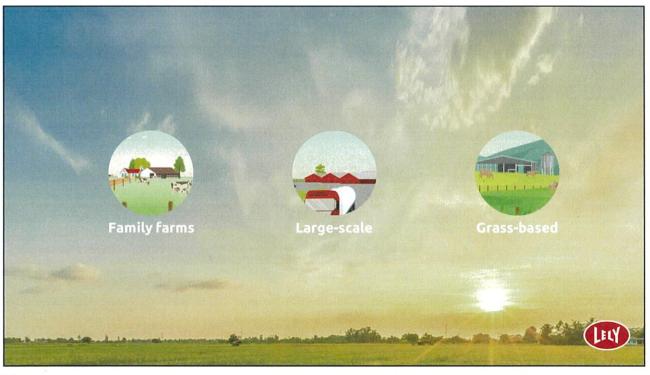
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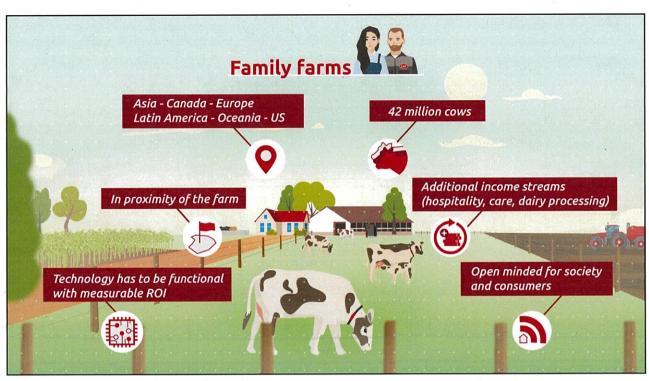


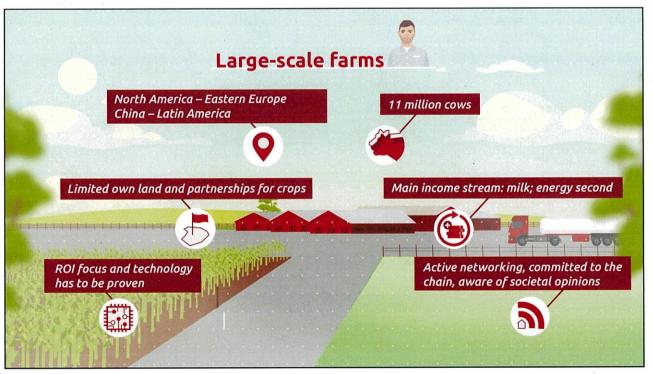




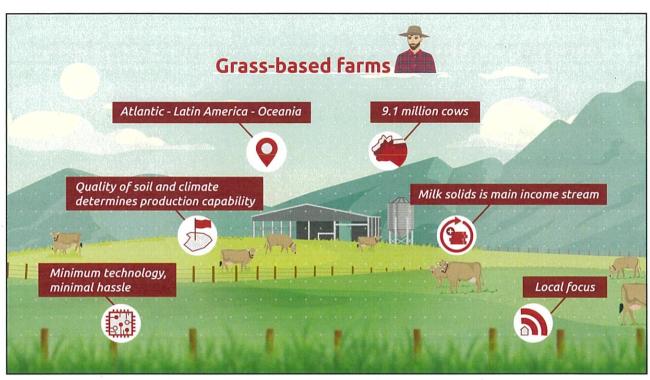






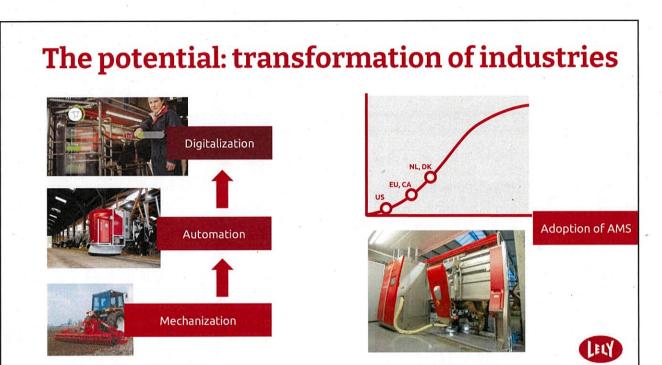












### What can AI bring?

- Insights using developed models
- Automate repetitive single-cow settings with better sensors & models
- Access to knowledge
  - E.g. carbon, minerals, gases, laws, regulations
- Can it replace the farmer?
  - Farming is a skill, difficult to put into AI. Decisions are not documented







### Creating value through digital solutions



Smart Robots
Farmers don't want
to be technicians.
Robot selfconfiguration and
diagnostics?





Decrease Service effort Growth is limited by the shortage of robot technicians

Boosting Productivity Al supported analysis and (software) development





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### **Smart Robots: Revolutionizing Dairy Farming**

- Smart robots enhance efficiency.
- They perform tasks such as milking, feeding, cleaning and monitoring cow health.
- Automation reduces labour costs and increases productivity on farms.







## **Enhancing Decision Support with AI**

- AI tools provide data-driven insights for better decision-making.
- Real-time analytics help farmers monitor herd performance more effectively.
- Al assists in optimizing resources, leading to improved farm efficiency and profitability.





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## **Minimizing Service Effort**

- Al technology reduces the need for manual service interventions.
- Automated diagnostics identify issues before they escalate.
- AI streamlines maintenance schedules, enhancing productivity.
- Self-learning systems adapt to improve service efficiency.
- Reduction in technician workload allows focus on critical tasks.
- AI makes the life of a service technician easier!!

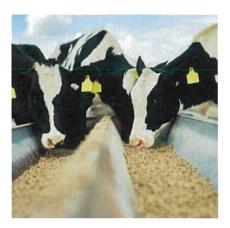






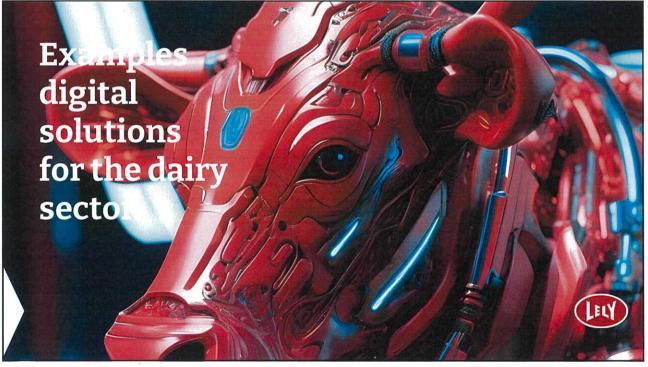
# **Boosting Productivity**

- Al enhances decision-making processes for dairy management.
- Automation reduces labor dependency, increasing operational efficiency.
- Data analytics provides insights for optimizing farm performance.
- AI-powered robots streamline milking, feeding and cleaning processes.
- Continuous learning algorithms adapt to improve productivity over time.



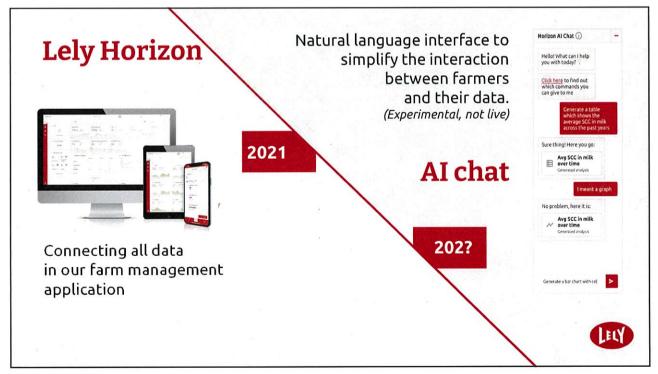


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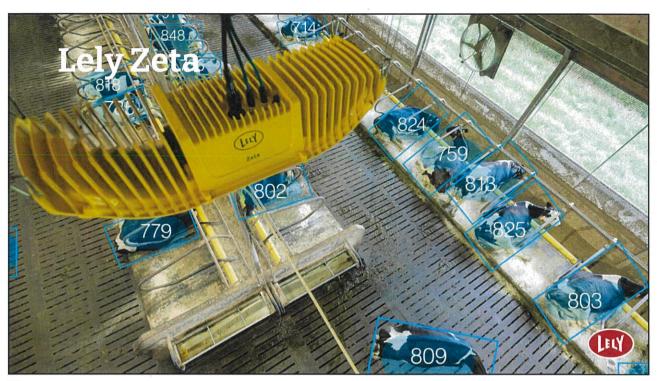






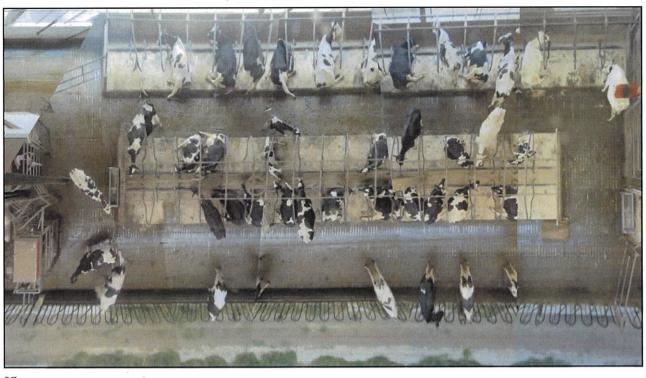






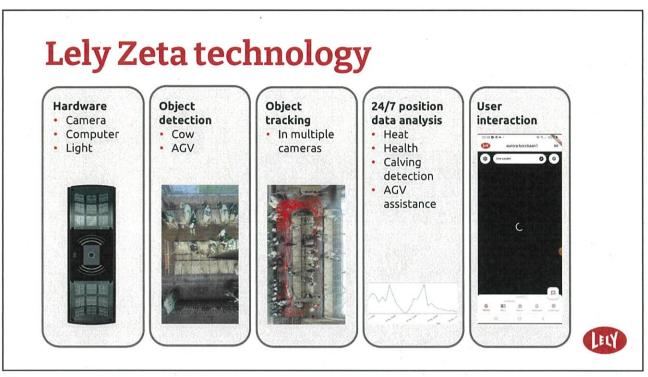


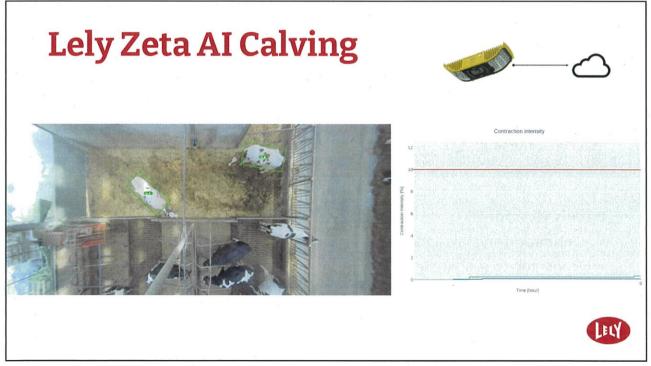
















# **Takeaways**

### AI can bring essential benefits for

- Animal performance
- Labor shortage
- Collaboration

#### Data is vital for

- · Optimizing animals and farm
- · Transition to sustainability
- Data remains farmer owned!











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