

Autonomous Agriculture for Resilient Food Systems

FUTURE VISION

The future of agriculture is an automatised and sustainable system which enables farmers to sustain the longevity and resilience of their farming business

Case

Why? Robotics could reduce soil impact, and relieves mental and physical strain of heavy labor for the farmer
 How? Conserving resources like water, energy, fertilizer through precision techniques wit low inputs
 What? Autonomous lightweight and low input machines that limit negative outputs which can degrade soil over time

RAISING AWARENESS

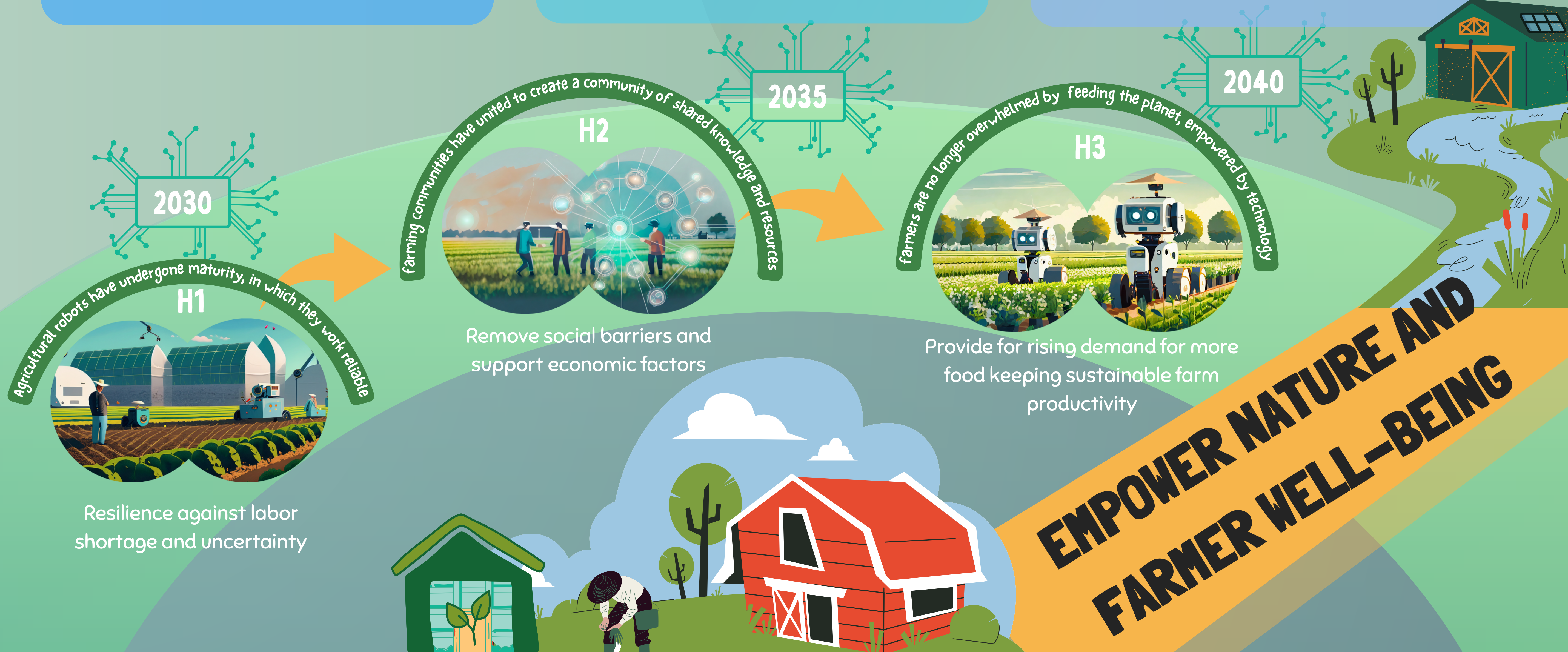
Focus on raising awareness about the potential of autonomous agriculture on how robotics have matured to help against external factors

COMMUNITY BUILDING

Farmers unite to create a network of shared knowledge and resources, fostering collaboration and knowledge exchange

FOSTERING WELLBEING

Agricultural robots support farmers in ensuring food security and that sustainable production protects biodiversity



Lisa Ye
 From Farm to Future: Designing a Roadmap for Robotics in Agriculture
 November 20th, 2023
 Msc Strategic Product Design

Committee
 Catelijne van Middelkoop, MFA
 Eric Heng Gu
 Irma Oosterom-van Roest

Company
 Berenschot

