PROQUANTIS
FOODCHAIN MANAGEMENT

QM-G
Rückverfolgbarkeit
und Qualitätssicherung
mit System

proQuantis-AI-Food Offers

(Artificial Intelligence in the Agrofood Sector)

The Use of Modern Opportunities in Artificial Intelligence (AI) Challenges

For small and medium-sized enterprises (SMEs) in the agricultural and food sector, AI will become an indispensable tool over the next 5–10 years for developing business competencies and optimizing processes. The focus is primarily on expanding the skills of existing teams by providing decision-support in areas such as yield forecasting, resource management, supply chain efficiency, marketing, and sales. AI can handle large volumes of data, recognize patterns, and generate insights that help reduce costs and improve product quality. The breathtaking pace of these developments requires SMEs in the agricultural and food industries to engage with AI as a prerequisite for future competitiveness.

Partner with Competence and Experience

proQuantis GmbH & Co. KG, led by Prof. Dr. G. Schiefer, has been supporting companies in the agricultural and food sector for 25 years. Its software solutions for quality management are in use in large corporate networks and retail chains. For several years, proQuantis has been working with Prof. Müller (Kiel) within European projects on the use of AI solutions in agriculture and food.

International Experience
Currently, corporate groups in the agricultural and food sector in 10 countries (DE, FR, SE, SP, DK, HU, PL, GR, CZ, IT) are being supported in developing measures to deal with the consequences of climate change, making intensive use of AI technologies.

Offer

Based on this experience, proQuantis has developed 4 service packages that cover the entire spectrum of AI use in companies (see next page).

Support for businesses includes 4 levels of gradual intensification:

> AI-Food Training Program (per EU AI Act, Article 4)
> AI-Food Corporate Consulting and Training (operational use)
> AI-Food Business Club (information and exchange)
> AI-Food Individual (development of company-specific AI applications)

The program

AI-Food Training Program

With Article 4 of the European AI Act (effective February 2025), companies are required to provide suitable training for employees who use AI systems. proQuantis has developed a training concept for an "AI Driver's License," available from 2026. It consists of compact course offerings and can also serve as preparation for more intensive corporate consulting.

To introduce the program, a free 2-hour compact course will be offered in January 2026 (provisional date: January 15, 2026). Expressions of interest: training@proquantis.de

AI-Food Corporate Consulting

proQuantis organizes in-house workshops and advises companies on identifying AI applications that can support their work and development of core competencies. Taking into account company-specific data requirements, staff expertise, and expectations, proQuantis helps integrate AI knowledge into workflows. Requirements and support options are discussed directly.

AI-Food Business Club

We organize an "AI-Food Business Club" to promote knowledge of AI and facilitate experience sharing, through:

- ➔ a bi-weekly newsletter on relevant developments,
- ➔ bi-monthly group meetings for exchange and deeper dives into applications,
- ➔ a hotline for urgent questions.

Membership costs €8,000 annually. For the first year, the membership fee is reduced to €4,000. Expressions of interest: club@proquantis.de

AI-Food Individual

A particular challenge is the integration of business data into company-specific AI solutions. We support companies in integrating their data into an AI environment, enabling staff to access internal documents during AI-assisted work. Employees are trained in working with such combined AI databases.

These projects require prior successful AI integration into workflows (see AI-Food Corporate Consulting) and are usually long-term, lasting from several months up to a year. Expressions of interest: individuell@proquantis.de

Initial contact via the listed email addresses or directly with Prof. Schiefer at schiefer@proquantis.de