

**“Advanced Digital Skills  
on Blockchain for Trusted Food Supply Chains”**

*Project: 101100804 — TRUST-FOOD*

*DIGITAL-2022-TRAINING-02-SHORT-COURSES*

**TRUST-FOOD Training Programme Evaluation Report  
Benchmarking Outcomes and Participant Insights**

**Work Package 5**

**Task 5.3: Evaluation of training course**

**Leader: REZOS; Partners: ALL; M34-M36**



## TRUST-FOOD Training Programme Evaluation Report: Benchmarking Outcomes and Participant Insights

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|-----------------------------|---------------|
| <b>Issued by:</b>           | REZOS BRANDS  |
| <b>Issue date:</b>          | 12/12/2025    |
| <b>Due date:</b>            | 31/12/2025    |
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**Start date of project:** 01 January 2023

**Duration:** 36 months

### Document History

| Version | Date       | Changes   |
|---------|------------|---|
| 0.1     | 12/12/2025 | Evaluation Report created with data extracted by the Survey |

### Dissemination Level

|           |   |          |
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## Executive Summary

The TRUST-FOOD training programme was designed to enhance blockchain competencies within the agrifood sector, specifically targeting SMEs, students, jobseekers, and professionals involved in the food supply chain. To ensure the effectiveness of the training curriculum, a comprehensive evaluation process was implemented using a dedicated benchmarking methodology tailored for hybrid education environments.

This benchmarking methodology defines a set of key qualitative and quantitative indicators—including all project KPIs to assess the adequacy, usability, accessibility, and overall quality of the training. These indicators were evaluated through structured feedback mechanisms addressed both to trainers and trainees. Data for the evaluation was gathered through the TRUST-FOOD e-learning platform and complementary Google Forms surveys. These tools enabled systematic collection of responses and automatic statistical analysis, forming the basis for interpreting learner engagement, course adequacy, platform performance, and overall programme effectiveness.

This framework supports continuous monitoring of the training process by providing reliable metrics on participation, content clarity, user experience, and certification value. The statistical outputs, enhanced with graphs, charts, and visual summaries, are incorporated into the present report to offer a transparent and accessible overview of the programme's impact.

This evaluation serves not only as a measure of past performance but also as a foundation for future enhancements in curriculum design, digital delivery, and learner support within the TRUST-FOOD ecosystem.

# 1 TRUST-FOOD Project Evaluation Report

This report summarizes the evaluation questionnaire completed by 361 participants of the TRUST-FOOD training programme. It reflects participant demographics, course adequacy, platform performance, user experience, and perceived value of certifications.

## 1.1 Participant Profile and Engagement

The gender distribution was relatively balanced, with **56% female** and **42.1% male** respondents, demonstrating good gender inclusivity in line with the project’s priority on equal access.

General Information 1. TRUST-FOOD will pay particular attention to gender equality among courses' attendees, facilitating women's access to blockchain jobs. Please choose your gender.  
361 responses

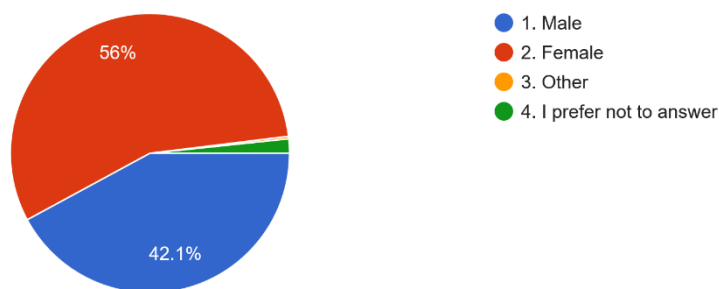


Figure 1: Gender Distribution of TRUST-FOOD Participants

Participants came from a broad range of professional backgrounds. The largest groups were **SME employees (45.7%)** and **students (34.6%)**, followed by **jobseekers (19.9%)**, **SME owners (5.3%)**, and a variety of other professional roles represented individually. This indicates the programme successfully reached both early-career learners and professionals seeking upskilling or reskilling opportunities within the agrifood sector.

General Information 2. TRUST-FOOD's overarching objective is to address the capacity development-related challenge of Blockchain adopti...ent status when you enrolled in the programme.

361 responses

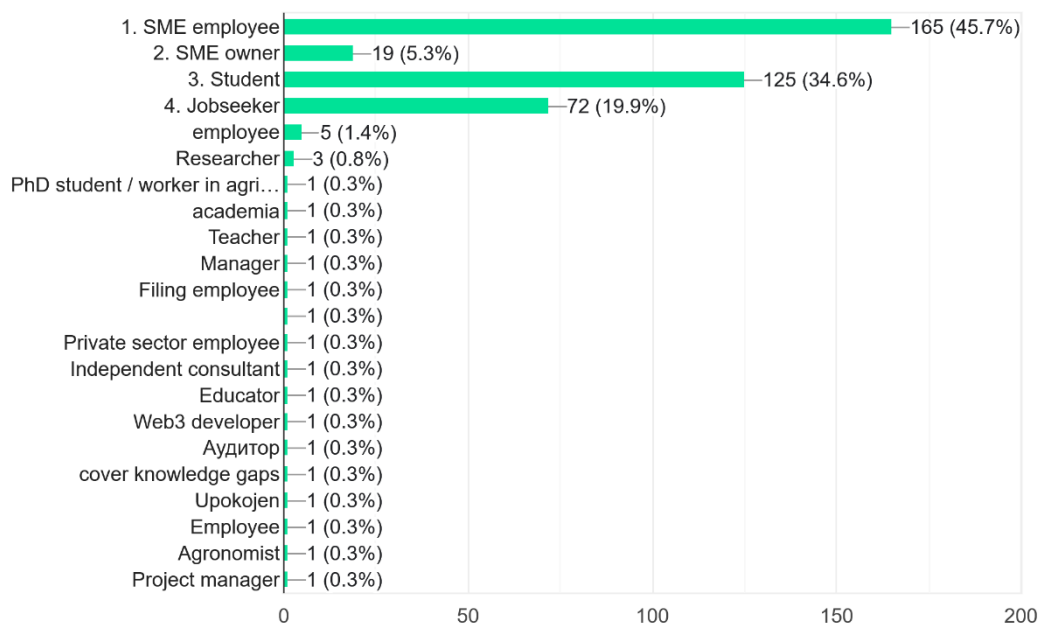


Figure 2: Employment Status at Programme Enrolment

Notably, **44.9%** reported that **their employment situation improved after the programme**, either through enhanced job prospects, increased responsibilities, improved performance, better understanding of blockchain-related topics, or overall professional development.

General Information 3. Would you say that your employment situation has been improved/found a job after completing the TRUST - FOOD training programme?

361 responses

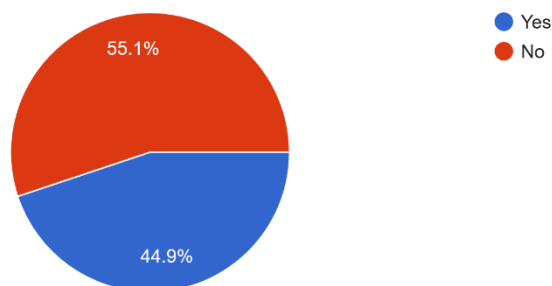


Figure 3: Improvement of Employment Situation After Completing the Programme

Many respondents mentioned that the certificates strengthened their CVs and expanded their career pathways.

## 1.2 Course Adequacy and Quality

The majority of participants attended multiple courses, indicating strong engagement with the curriculum. The courses were overwhelmingly perceived as relevant and well-structured:

→ **94.2%** rated the *course adequacy* as **adequate or very adequate**

I. Optimizing the Trust Food Ecosystem Sub-Objective 1.1: Course Adequacy 2. How would you rate the overall adequacy of the courses provided? (Scale: 1-5)

361 responses

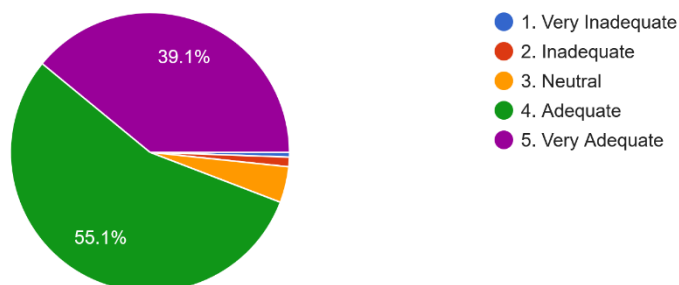


Figure 4: Overall Adequacy Rating of the Courses

→ **95.3%** would recommend the courses to others

I. Optimizing the Trust Food Ecosystem Sub-Objective 1.1: Course Adequacy 3. Would you recommend these courses to others? (Yes/No)

361 responses

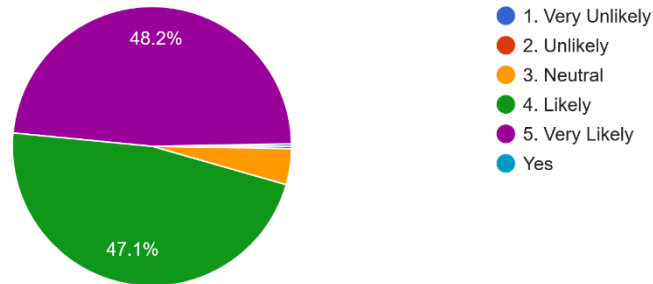


Figure 5: Likelihood of Participants Recommending the Courses

→ **96.4%** found the **content clear or very clear**

I. Optimizing the Trust Food Ecosystem Sub-Objective 1.2: Course Quality 4. How would you rate the clarity of the course content? (Scale: 1-5)

361 responses

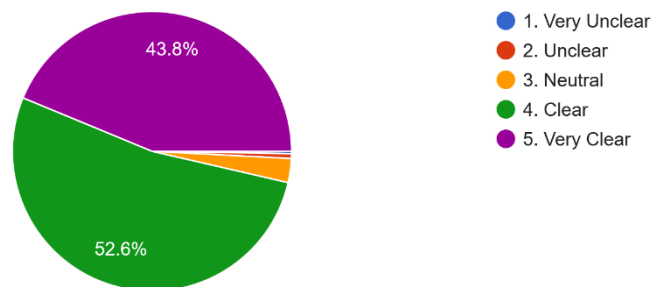


Figure 6: Clarity of Course Content

→ **93.9%** rated the **visuals and videos** as **good or very good**

I. Optimizing the Trust Food Ecosystem Sub-Objective 1.2: Course Quality 5. How would you rate the quality of the visuals and videos used in the courses? (Scale: 1-5)

361 responses

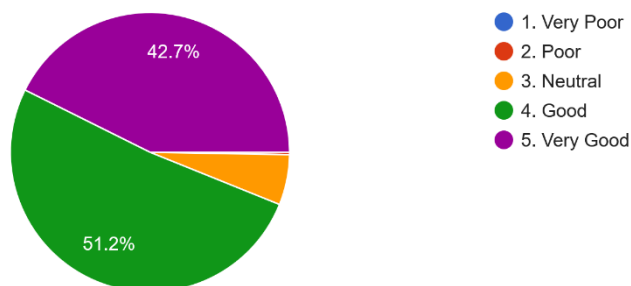


Figure 7: Quality of Visuals and Videos Used in Courses

These results confirm that the hybrid learning design, combining video materials, theoretical content, and quizzes, effectively supported knowledge acquisition for diverse learner groups.

The quizzes themselves were viewed as effective tools for learning reinforcement, with most respondents identifying them as “effective” or “very effective.” This demonstrates that the assessment strategy contributed meaningfully to learning outcomes.

I. Optimizing the Trust Food Ecosystem Sub-Objective 1.2: Course Quality 6. How effective were the quizzes in assessing your knowledge? (Scale: 1-5)

361 responses

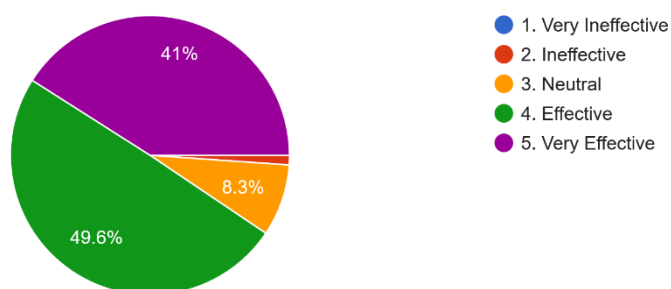


Figure 8: Effectiveness of Quizzes for Knowledge Assessment

### 1.3 Platform Performance and User Experience

The e-learning platform performed strongly across key usability and reliability indicators.

→ **92.5%** rated the *platform's speed and reliability* as **good or very good**

II. The Trust Food Integrated Software Training System Sub-Objective 2.1: System Performance 7.

How would you rate the speed and reliability of the training platform? (Scale: 1-5)

361 responses

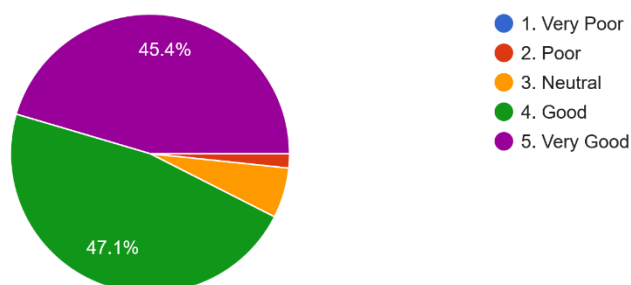


Figure 9: Platform Speed and Reliability

→ **92.8%** reported **no issues with downtime or registration**

II. The Trust Food Integrated Software Training System Sub-Objective 2.1: System Performance 8.

Did you encounter any issues with system downtime or registration failures? (Yes/No)

361 responses

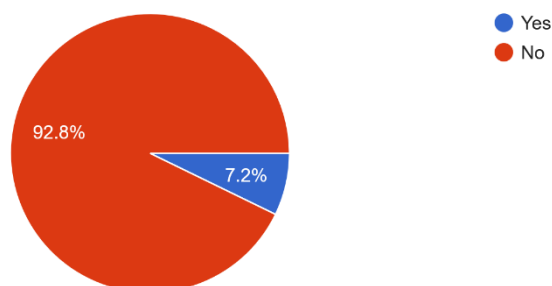


Figure 10: Incidence of System Downtime or Registration Failures

→ Most participants expressed **confidence in the platform's security and data reliability**.

II. The Trust Food Integrated Software Training System Sub-Objective 2.1: System Performance 9.

How confident are you in the reliability and security of the platform? (Scale: 1-5)

361 responses

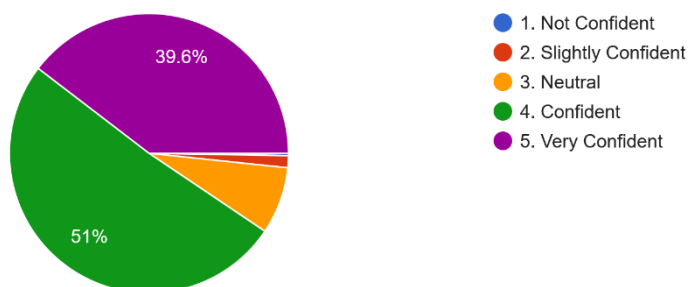


Figure 11: Confidence in Platform Reliability and Security

→ **94.7%** found the **platform user-friendly or very user-friendly**.

II. The Trust Food Integrated Software Training System Sub-Objective 2.2: User-Friendliness 10.

How user-friendly did you find the training platform? (Scale: 1-5)

361 responses

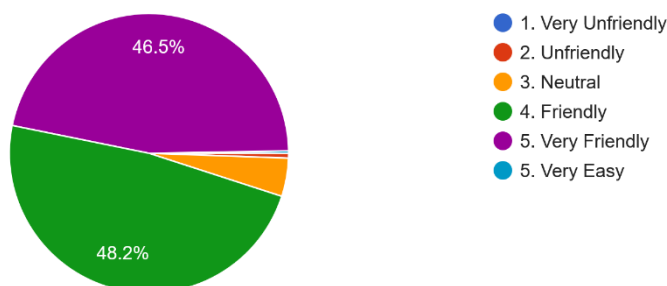


Figure 12: User-Friendliness of the Training Platform

→ **Over 90%** rated the **platform** as **visually efficient and responsive**.

II. The Trust Food Integrated Software Training System Sub-Objective 2.2: User-Friendliness 11. How would you rate the visual design and responsiveness on different devices (desktop, mobile phone)? (Scale: 1-5)  
361 responses

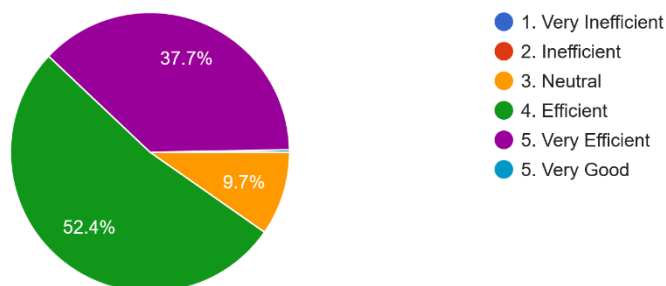


Figure 13: Platform’s Visual Design and Device Responsiveness across Different Devices

These results confirm that the platform provided a stable and accessible environment for training delivery. Participants also noted good usability across devices, ensuring accessibility for learners using mobile, desktop, or tablet interfaces.

Feedback on accessibility features was generally positive, indicating adequate support for learners with diverse needs.

II. The Trust Food Integrated Software Training System Sub-Objective 2.3: Accessibility 12. The features aimed at supporting users with disabilities are adequate?  
361 responses

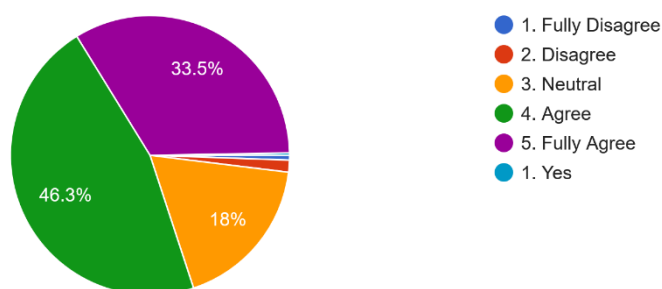


Figure 14: Adequacy of Accessibility Features for Users with Disabilities

## 1.4 Support Services

Support requests were minimal, with only **8.6%** of participants **contacting the helpdesk**.

II. The Trust Food Integrated Software Training System Sub-Objective 2.4: Support Responsiveness 13. How many times did you contact support for assistance?  
361 responses

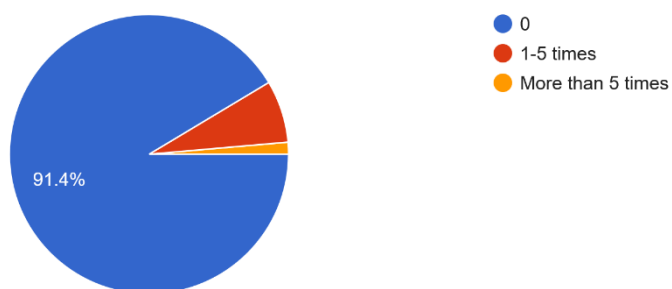


Figure 15: Frequency of Participant Support Requests

Among those who did, the majority rated **the responsiveness and quality of support positively**, with evaluations concentrated between **efficient to very efficient**. This suggests that the system and course structure were intuitive enough to minimize the need for technical assistance.

II. The Trust Food Integrated Software Training System Sub-Objective 2.4: Support Responsiveness 14. If so (Q14), How would you rate responsiveness of the support team? (Scale: 1-5)  
102 responses

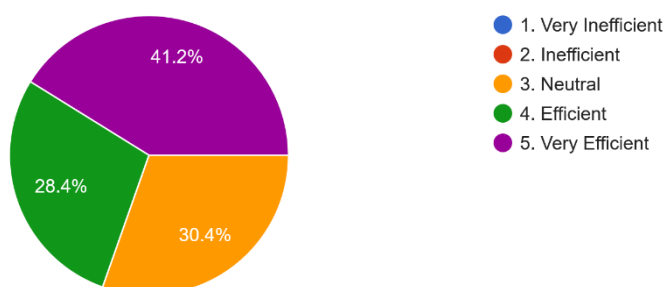


Figure 16: Support Team Responsiveness

II. The Trust Food Integrated Software Training System Sub-Objective 2.4: Support Responsiveness 15. If so (Q14), how would you rate the quality of the support you received? (Scale: 1-5)  
103 responses

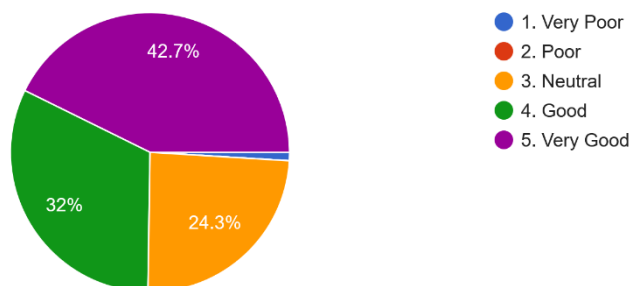


Figure 17: Quality of Support Received

## 1.5 Motivation, Engagement, and Challenges

Only **6.9%** of participants reported *difficulties staying engaged throughout the training*.

III. Validation System for Training Sub-Objective 3.3: Motivation & Retention 16. Did you face any challenges in staying engaged with the training?  
361 responses

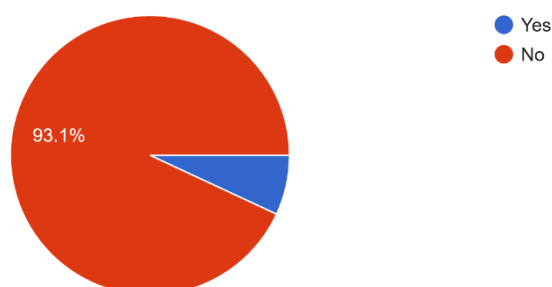


Figure 18: Challenges in Engagement

Primarily due to:

- **Lengthy course modules**
- **High volume of content**
- **Long videos or extensive reading materials**

While the number of affected learners was small, these responses offer valuable guidance for future refinements, such as micro-learning strategies, shorter module formats, or adaptive pacing.

## 1.6 Perceived Value of Certification

The certifications were one of the strongest-performing elements of the training:

→ **87.5%** rated the *certifications* as *valuable or very valuable*

III. Validation System for Training Sub-Objective 3.4: Certification 18. How valuable do you find the certifications awarded? (Scale: 1-5)

361 responses

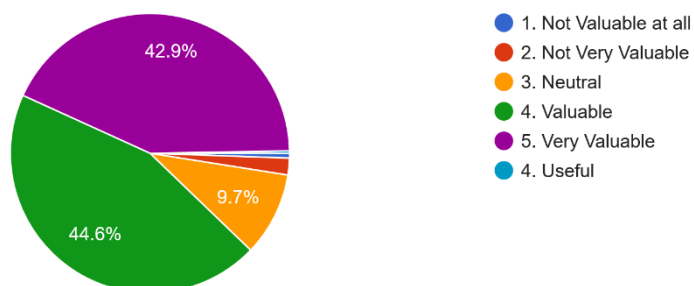


Figure 19: Perceived Value of the Certifications Awarded

This strongly reinforces the role of certification as a motivator and as a tangible output of the training.

## Conclusions

The evaluation results demonstrate that the TRUST-FOOD training programme successfully met the needs and expectations of its participants. Learners reported high levels of satisfaction with the clarity, quality, and relevance of the course content, as well as strong confidence in the performance and usability of the training platform. Most participants found the certifications valuable for professional development, and many noted improvements in their employment situation or skills. While a small percentage experienced challenges, mainly related to course length, the overall feedback confirms that the ***programme effectively supported upskilling in blockchain and digital technologies within the agrifood sector***. These insights provide a strong foundation for further refinement and reinforce the programme's positive impact.