

International Workshop Tour: Digitalization of Agriculture for Sustainable Food Production

Focus: Automation & Robotics



Overview

Organized by: Adaptive AgroTech Consultancy & Agrotech Valley Forum e.V.
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Proposed time: June 2027
Anchor events: DLG Öko-Feldtage / Eco-Fielddays, Germany (Event: 16–17 June 2027; Group program: 17 June 2027); ATB Potsdam Technical Visit (18 June 2027)

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Affiliations and Institutional Support

Co-Sponsored by: Danish Institute for Advanced Study (DIAS); University of Southern Denmark (SDU)
Endorsed by: International Society of Precision Agriculture (ISPA); American Society of Agricultural and Biological Engineers (ASABE)
Organized by: Adaptive AgroTech Consultancy; Agrotech Valley Forum e.V.
In collaboration with: Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB); Universiti Putra Malaysia (UPM); Osnabrück University; Agrotech Valley Forum e.V. partners (Osnabrück region)
Local Hosts (Osnabrück Region): Osnabrück University (Schloss Osnabrück); FieldLab Wallenhorst; Agro-Technicum (Hochschule Osnabrück); Copenrath Innovation Centre – DFKI; AMAZONE Hasbergen; Hof Künne (Eggermühlen); GRIMME (Damme)

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1 Workshop summary

1.1 Proposed Titles

International Workshop Tour: Digitalization of Agriculture for Sustainable Food Production — Focus on Automation & Robotics.

1.2 Location

Europe: Germany and Denmark. Primary host locations include the **Agrotech Valley region (Osnabrück, Lower Saxony)**, including **Osnabrück University (Schloss Osnabrück)**, **FieldLab Wallenhorst**, **Agro-Technicum (Hochschule Osnabrück)**, and the **Copenrath Innovation Centre - DFKI**. The program further includes company and farm visits in the Osnabrück region (**AMAZONE Hasbergen**, **Hof Künne**, **Eggermühlen**, **GRIMME**, **Damme**), a technical visit to the **Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB)**, **Potsdam**, and the **University of Southern Denmark (SDU)** in Odense. Program includes one sightseeing day in Germany and one in Denmark.

1.3 Date and Duration

Program dates: 14–21 June 2027 (8 days).

The AVF-managed program runs from **14–17 June 2027** in the Osnabrück region and includes the group visit to the **DLG Öko-Feldtage / Eco-Fielddays (group program on 17 June 2027)** at Bauckhof Amelinghausen.

The subsequent program segments in Potsdam and Odense (*not AVF-managed*) run from **18–21 June 2027**.

A detailed day-by-day timetable is provided in Section 12.

1.4 Theme and topics

This European program demonstrates recent advances in *digital farming*, *precision agriculture*, *automation and field robotics* via a dynamic tour of leading research institutes, innovation hubs, industrial partners, and an international field event. The focus areas include:

- High-tech agriculture for resilient, sustainable European food systems
- Data collection & processing; geospatial analytics; FMIS integration
- Proximal/remote sensing (UAS, LiDAR, hyperspectral) for soil/crop phenotyping
- Field robotics, guidance, autonomy stacks, safety & certification
- Wireless/IoT sensing, edge computing, cloud & data pipelines
- Variable-rate technologies (VRT) for inputs, irrigation & crop protection
- Interoperability & standards (e.g., ISOBUS, data models, APIs)
- Controlled-environment agriculture & vertical farming
- Precision livestock & animal welfare instrumentation
- AI/ML: computer vision, decision support, and digital twins

2 Workshop objectives and outcome

2.1 Objective

To build knowledge and partnerships around **automation and robotics in digital agriculture**, connecting participants with European research infrastructures, innovation hubs and companies. The tour is educational and career-development oriented, promoting international collaboration and cost-effective technology adoption for sustainable production.

2.2 Outcome and impact

Participants gain:

- Practical insight via field demos, lab tours, and hands-on exercises at host sites in the Osnabrück region, Potsdam (ATB) and Odense (SDU)
- A European network across research, industry and farm operators (Agrotech Valley ecosystem and partners)
- Actionable adoption roadmaps tailored to their home contexts

Broader impacts include facilitating research-industry pilots, sharing best practices for data-driven operations, and accelerating safe, interoperable automation in agriculture.

3 Target participants

Maximum of **30** participants from:

1. Academia (lecturers, researchers, graduate students)
2. Policy makers, strategists, farm managers
3. Business owners, agtech founders and stakeholders

Important note: The program involves multiple laboratory, industrial, and field visits in the Osnabrück region (organized with Agrotech Valley Forum partners), therefore participants should be comfortable with active site visits, walking tours, and structured time schedules.

4 Participant selection and application

4.1 Eligibility

Researchers, industry professionals, farm managers, policy makers, and students (BSc/MSc/PhD) with interest in digital farming, precision agriculture, automation, or agri-robotics.

4.2 Application materials

Submit online application, upload Short CV; including affiliation and role; passport details (for visa letters if needed).

4.3 Selection criteria

Profile fit with tour themes; geographic and institutional diversity; potential for collaboration and technology adoption; ability to benefit from hands-on industrial and farm visits.

4.4 Financial support

A limited number of discounted seats/scholarships may be offered subject to sponsorship (details to be announced).

5 Workshop materials

Hotel conference rooms and host campus facilities will be used for briefings and preparation sessions. Participants receive digital and printed materials (slides, handouts, datasets, software links, company brochures). Pre-visit *30-minute* video briefings accompany major site visits (e.g., Agro-Technicum, AMAZONE, GRIMME, and research labs). A secure website hosts downloads and feedback forms. Supplies include name tags, evaluation forms and optional tour T-shirts. See Section 7 for certificates of attendance and the delegate learning package (books).

6 Communication and onboarding

6.1 Pre-tour webinar

Live orientation (2–3 weeks before start) covering logistics, safety, expectations, and coordination with Agrotech Valley Forum hosts.

6.2 Delegate handbook

PDF handbook including:

- Meeting points and daily timings (Osnabrück, Damme, Potsdam, Odense)
- Site-specific safety and PPE requirements
- Bus transfers and hotel logistics
- Emergency contacts and communication channels

6.3 Group channel

Official WhatsApp/Slack group for daily coordination, bus timing updates, and quick communication during the tour.

7 Certificates and learning resources

7.1 Certificates of attendance

Each delegate will receive an official **Certificate of Attendance co-signed** by the following representatives:

- **Director**, Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), Potsdam
- **Representative**, University of Southern Denmark (SDU)
- **Representative**, Agrotech Valley Forum e.V.
- **Representative**, Adaptive AgroTech Consultancy

Certificates will be presented during the closing session in Denmark.

7.2 Delegate learning package

Each delegate will receive **two reference books on Agricultural Robotics**, provided courtesy of the organizers:

1. **Title:** *Mobile Robots for Digital Farming*
Edited By: Redmond R. Shamshiri, Ibrahim A. Hameed
Publisher: CRC Press, Taylor & Francis Group (2024)
DOI: 10.1201/9781003306283
Pages: 208
ISBN: 9781032304663
2. **Title:** *Agricultural Robotics for Outdoor and Indoor Crop Production*
Edited By: Redmond R. Shamshiri, Fernando A. Auat Cheein, Sanaz Shafian, Konstantinos Karydis
Publisher: Taylor & Francis Group
ISBN: 9781041151098

In addition, delegates will have access to a **digital repository** of slides, readings, and reference datasets for post-tour study.

8 Technical background

8.1 High-Tech Agriculture

Technological innovation in sensors, robotics, AI and data systems underpins robust and efficient food production. The tour highlights end-to-end visibility across soil and crop health, fleet status, and energy usage, with emphasis on sustainability and practical deployment.

8.2 An integrated approach

Sessions explore how hardware, control, software and standards integrate into flexible platforms for plantation and row crops, crop scouting, inventory assessment, yield monitoring, growth assessment, early disease detection, soil assessment, dynamic mapping, safety management, and precision application (spraying, irrigation). Industrial examples from host companies and field laboratories in the Osnabrück region will illustrate real-world implementation.

9 Potentials and strengths of the organizers and hosts

The **Agrotech Valley** (Osnabrück region) provides a strong ecosystem of manufacturers, startups, research labs and farms, serving as a central innovation hub for digital farming technologies. Activities in this region include visits to **FieldLab Wallenhorst**, **Agro-Technicum (Hochschule Osnabrück)**, the **Copenrath Innovation Centre - DFKI**, and leading agricultural machinery companies such as **AMAZONE** and **GRIMME**, together with farm demonstrations.

Osnabrück University and the **University of Southern Denmark (SDU)** contribute leading research in robotics, automation, and autonomy stacks. The **Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), Potsdam**, provides internationally recognized expertise in agricultural engineering, protected cultivation, and bioeconomy transitions. The **DLG Öko-Feldtage / Eco-Fielddays** contributes large-scale field demonstrations and exposure to innovative sustainable farming practices.

Adaptive AgroTech Consultancy, as co-organizer, adds extensive experience in international event management and knowledge exchange. It successfully organized the first Precision Agricultural Tour in New Zealand (2017), co-organized the 10th Asian-Australasian Conference on Precision Agriculture (ACPA 2023) in Malaysia, and maintains a strong global network of academic researchers, industry partners, and policy makers.

10 Capacity building

The program emphasizes practical skills transfer in data workflows, autonomous systems, and interoperability through direct exposure to European research infrastructures, company innovation centres, and field demonstrations. Participants will engage with researchers and engineers at Agrotech Valley partner locations (FieldLab Wallenhorst, Agro-Technicum, CIC-DFKI, AMAZONE, GRIMME, and selected farms). Post-tour, participants will draft adoption roadmaps and join a community of practice for continued collaboration and knowledge exchange.

11 Cultural events

Germany Cultural Excursion: guided cultural program in the Potsdam/Berlin region following the technical visit at ATB, including networking dinner.

Denmark Cultural Excursion: guided cultural and historical tour near SDU (Odense historic center), combined with the official closing session.

12 Tentative program

At-a-Glance Itinerary (8 Days)

Date (2027)	Day	Plan
June (Mon)	14 Day 1	Arrival in Germany (Hannover or Münster/Osnabrück). Evening welcome ceremony at Schloss der Uni-Osnabrück (Gebäude 11, Neuer Graben 29 / Eingang Westflügel, 49074 Osnabrück), introductory briefing, and networking dinner. <i>Invitation to members of Agrotech Valley Forum.</i>
June (Tue)	15 Day 2	Agrotech Valley Program (Osnabrück region): FieldLab Wallenhorst (KI-Reallabor Agrar), Agro-Technicum / Hochschule Osnabrück (lab-to-field demos), and Coppenrath Innovation Centre (CIC-DFKI). Afterwards program in Osnabrück city (t.b.d.).
June (Wed)	16 Day 3	Farm / Company Visits (Osnabrück region): Versuchsgut Wambergen (Hauptstraße 15, 49205 Hasbergen) and AMAZONE Hasbergen (Am Amazonaswerk 9–13, 49205 Hasbergen); Hof Künne (Krevinghausener Str. 1, 49577 Eggermühlen); GRIMME (Hunteburger Str. 32, 49401 Damme). <i>Hotel in Damme (t.b.d.).</i>
June (Thu)	17 Day 4	DLG Öko-Feldtage / Eco-Fielddays: Bauckhof Amelinghausen (Triangel 6, 21385 Amelinghausen). <i>Departure 07:30 (arrival approx. 10:15).</i> Full-day curated program with field machinery demos, robotics exhibitions, and precision agronomy sessions. <i>Afterwards transfer to hotel in direction of Potsdam.</i>
June 18 (Fri)	Day 5	Potsdam (Confirmed): ATB Potsdam technical visit showcasing agricultural engineering, automation and bioeconomy research.
June (Sat)	19 Day 6	Potsdam (Confirmed): Germany cultural excursion (Potsdam/Berlin region), networking dinner.
June (Sun)	20 Day 7	Odense (Confirmed): Transfer to Denmark. Visit SDU (Odense): lab tours, field robot demonstrations, and collaboration roundtable.
June (Mon)	21 Day 8	Odense (Confirmed): Denmark cultural excursion, Odense cultural program and closing session. Departures the next day.

Operational Schedule: 14–17 June 2027 (AVF-managed program)

Date	Time	Location	Details / Notes
14-06-2027	18:00–21:00	Schloss der Uni-Osnabrück	Gebäude 11, Neuer Graben 29 (Eingang Westflügel), 49074 Osnabrück. Welcome ceremony, introductory briefing, networking dinner. <i>Invitation to members of Agrotech Valley Forum.</i> Contact: t.b.d.
15-06-2027	08:30–10:30	FieldLab Wallenhorst	WP of the KI-Reallabor Agrar. Contact: t.b.d.
15-06-2027	11:00–13:00	Agro-Technicum Hochschule Osnabrück	/ Directly from the laboratory to the field – the success factor for developing modern high-tech agricultural machinery. Testing technology directly on the adjacent test field makes the Agro-Technicum unique: each development step can be validated in real crops under different weather and soil conditions. Contact: t.b.d.
15-06-2027	15:00–17:00	Copenrath Innovation Centre - DFKI	Innovation, AI and robotics session. <i>Afterwards program in Osnabrück city.</i> Contact: t.b.d.
16-06-2027	07:30–10:30	AMAZONE Hasbergen / Gut Wambergen	Versuchsgut Wambergen: Hauptstraße 15, 49205 Hasbergen; Amazonen-Werke: Am Amazonenwerk 9–13, 49205 Hasbergen. Farm / company visit. Contact: t.b.d.
16-06-2027	11:00–14:00	Hof Künne, Eggermühlen	Hof Künne GmbH & Co. KG, Krevinghausener Str. 1, 49577 Eggermühlen. Farm visit (Host: Stephan Künne). https://www.hof-kuenne.de/ Contact: t.b.d.
16-06-2027	14:30–17:30	GRIMME, Damme	GRIMME Landmaschinenfabrik SE & Co. KG, Huntamburger Str. 32, 49401 Damme. Company visit. <i>Hotel in Damme (t.b.d.).</i> Contact: t.b.d.
17-06-2027	07:30 (departure) / Arrival ~10:15	Bauckhof Amelinghausen (DLG Öko-Feldtage)	Triangel 6, 21385 Amelinghausen. DLG Eco-Fielddays: full-day curated program with field machinery demos, robotics exhibitions, and precision agronomy sessions. <i>Afterwards transfer to hotel in direction of Potsdam.</i> Contact: t.b.d.

12.1 Operational schedule (Osnabrück region — AVF program)

The detailed operational schedule for the AVF-managed program (14–17 June 2027) is provided in the table above.

13 Important dates

Call announcement; application deadline; payment deadline; visa-letter cutoff; final itinerary release; tour start (**June 14, 2027**). Final detailed schedule confirmed in coordination with Agrotech Valley Forum partners and host companies.

12 Workshop logistics

12.1 Hotel Information and dates

The following hotel options in Osnabrück were provided by the Agrotech Valley Forum (AVF). At this stage, no hotel has been reserved. Final selection will depend on participant number, availability, and preferred booking strategy (early booking discounts may apply).

Recommended Hotel Options (Osnabrück)			
Hotel	Address / Contact	Indicative Price	Notes
Best Western Hohenzollern	4 Theodor-Heuss-Platz 5, 49074 Osnabrück https://www.hotel-osnabrueck.de/	Single: €104–120 Double: €120–150	Early-booking discounts available (approx. €20 cheaper). Central location near station.
Hotel Remarque	– Natruper-Tor-Wall 1, 49076 Osnabrück https://www.hotel-remarque.de/	Single: from €109 Double: from €169	Breakfast approx. €25 per person/night plus local accommodation tax.
Vienna House Easy by Wyndham	4 Neuer Graben 39, 49074 Osnabrück https://www.wyndhamhotels.com/de-de/vienna-house/osnabrueck-germany/vienna-house-easy-osnabrueck/overview	Single: €117–129 Double: €127–151	Early-booking discounts available (approx. €15 cheaper). Very close to university area.
Romantik Hotel Walhalla	4 Kleine Gildewart 11, 49074 Osnabrück https://www.hotel-walhall.de/	Single: €129 (+ breakfast) Double: €139 (+ breakfast)	Breakfast approx. €25 per person. Booking directly via hotel website may be cheaper.

Recommendation (internal planning):

- Final hotel decision to be coordinated jointly with AVF after confirming delegate numbers.
- Early booking is recommended due to June event season.
- A second hotel location may be used in the Damme region after the company visits.

12.2 Tour map

A detailed route map covering Osnabrück – Damme – Amelinghausen – Potsdam – Odense will be provided in the final brochure and website.

12.3 Transportation and facilities

Group transport will be organized by chartered bus between all official locations. Agrotech Valley Forum is coordinating local logistics and industrial site access. Lunch and dinner arrangements will be coordinated jointly with local partners. A recommended bus company contact may be provided by AVF (Robert). For clarity: the program elements on 14–17 June are coordinated with Agrotech Valley Forum (AVF); the Potsdam and Odense segments from 18 June onward are coordinated by the organizers and host institutions (ATB/SDU).

13 Website and Brochures

13.1 Website address

The official tour website and online registration portal will be jointly managed by **Adaptive AgroTech Consultancy** and **Agrotech Valley Forum e.V.**. Adaptive AgroTech will lead design, hosting, and maintenance of the platform using its existing digital infrastructure. Agrotech Valley will support regional visibility, partner outreach, and local program updates.

13.2 Emails, Phones

Dedicated email addresses and phone contacts will be provided for inquiries, coordinated jointly by both organizers. Adaptive AgroTech will serve as one of the contact points for Asian and American academic participants, while Agrotech Valley coordinates local host communication.

13.3 Organizer, Mentors, Secretaries profiles

Short bios and photos of organizers, scientific advisors, and secretariat members will be published on the website and included in the printed brochure. Brochure design and layout will be prepared by Adaptive AgroTech in close collaboration with Agrotech Valley. A visual program section will include images supplied by AVF partners for each visit location.

14 Fees and payment schedule

14.1 Inclusions

Group transfers, hotel bed & breakfast, selected group meals, entry passes to official field events (including DLG Öko-Feldtage where applicable), site access, briefings/materials, and two Agricultural Robotics books (see Section 7).

14.2 Exclusions

International flights, visas/insurance, most lunches and dinners, and personal expenses.

14.3 Payment timeline

Deposit due upon acceptance; balance due prior to visa-letter issuance. Refund/cancellation windows per Section *Policies and accessibility*.

15 Budgets/Costs

15.1 Workshop package cost

To be finalized after confirmation of hotels and transport providers. The package is expected to cover:

- Accommodation (Osnabrück area, Damme region, Potsdam, and Odense)
- Local group transportation (chartered bus coordinated with Agrotech Valley Forum)
- Entry passes and coordination for official field events (including DLG Öko-Feldtage)
- Site access, technical briefings, and organizational coordination

Note: The package includes two Agricultural Robotics books per delegate (approximately €100 each).

15.2 International travel costs

Participants arrange their own international flights:

- Arrival: Germany (recommended airports: Hannover or Münster/Osnabrück)
- Departure: Denmark (Odense/Copenhagen connection)

15.3 Domestic travel costs

Included in the package:

- Group transfers between official sites
- Transfers from Osnabrück region to Potsdam and onward to Denmark
- Local logistics during company/farm visits

15.4 Subsistence total cost

Breakfast included at hotels; selected group lunches/dinners arranged together with host partners. Per-diem guidance will be provided for meals not included.

15.5 Cultural event costs

Tickets and entries for cultural excursions in Germany and Denmark will be included where feasible.

16 Endorsement

16.1 European Organizations

- **Agrotech Valley Forum e.V.** — Regional host and coordinator for the Osnabrück innovation ecosystem and industrial partners.
- **DLG (German Agricultural Society)** — Host of DLG Öko-Feldtage (Eco-Fielddays) 2027.
- **CEMA (European Agricultural Machinery Association)** — Supporting alignment with European agri-robotics and machinery sector.
- **European Society of Agricultural Engineers (EurAgEng)** — Professional recognition and knowledge dissemination.

16.2 International Societies

- **American Society of Agricultural and Biological Engineers (ASABE)** — Endorsed as listed on the cover affiliations panel.
- **International Society of Precision Agriculture (ISPA)** — Endorsed as listed on the cover affiliations panel.
- **International Society for Horticultural Science (ISHS)** — Under discussion for endorsement.

16.3 Malaysian Institutions (for Malaysian delegates)

- **Ministry of Science, Technology & Innovation (MOSTI)** — Endorsement/support in principle to be confirmed.
- **Ministry of Agriculture and Agro-Based Industry Malaysia** — To be approached for institutional support.
- **Malaysian Agriculture and Research Development Institute (MARDI)** — Expected technical endorsement and delegate facilitation.

17 Risk, safety and insurance

17.1 Health, safety and PPE

PPE requirements for field and industrial visits will be communicated in advance. Site-specific safety briefings will be delivered before each technical activity, particularly at company facilities (e.g., AMAZONE, GRIMME) and field locations.

17.2 Emergency plan

Emergency contact numbers (local organizers, bus coordinator, and technical hosts) will be provided. A basic incident response protocol will be included in the delegate handbook.

17.3 Insurance

Delegates are responsible for comprehensive travel and medical insurance covering Germany and Denmark for the full tour period.

18 Visas and invitation letters

18.1 Invitation support

Official invitation letters can be issued upon request by **Adaptive AgroTech Consultancy** (with support from **Agrotech Valley Forum e.V.**) after registration and payment verification.

18.2 Processing timelines

Delegates are advised to check Schengen visa requirements early and allow sufficient processing time. Visa letters should be requested as early as possible due to coordinated multi-location travel.

19 Policies and accessibility

19.1 Refund and cancellation

A clear refund/cancellation timeline will be published with the call (fees, deadlines, and administrative charges).

19.2 Code of conduct

All participants agree to a professional code of conduct covering respectful behavior, safety compliance, punctuality during transfers, and non-disruption of host operations.

19.3 Accessibility and dietary needs

Accessibility accommodation and dietary requirements can be arranged if stated during registration. Please note that some farm and industrial locations may have limited accessibility due to field conditions.

20 Sustainability and environmental responsibility

20.1 Travel footprint

Estimated travel footprint will be shared with recommended offset options. Group bus transport is preferred to minimize individual travel impact.

20.2 Low-waste operations

Digital materials by default; reusable badges; guidance on responsible waste handling and recycling at host locations.

20.3 Local sourcing

Preference for local transport providers, regional catering, and partner venues where feasible.

21 Data, media and confidentiality

21.1 GDPR and privacy

Participant data will be handled under GDPR regulations. A concise privacy notice will be provided on the registration website, including how contact information may be shared within the delegate network (only with consent).

21.2 Photo and video policy

By default, sessions may be photographed or recorded for documentation, reporting, and promotional purposes by the organizers and partner hosts. Participants may request opt-out at registration or on-site.

21.3 Host site confidentiality

Some industrial and research locations (e.g., CIC-DFKI, AMAZONE, GRIMME, and certain laboratories) may require NDAs or may restrict photography and recording. Site-specific instructions and confidentiality rules must be followed at all times.

22 Continuing professional development (CPD)

22.1 Contact hours / certificates

The tour provides structured learning activities including technical briefings, lab visits, industry demonstrations, and field sessions. Estimated contact hours will be listed on the **Certificate of Attendance** for institutional recognition where applicable.

23 Post-tour deliverables

23.1 Resources

Delegates receive access to slides, notes, and datasets via the tour repository (see Section 7), including selected materials from partner hosts where permitted.

23.2 Networking pack

A curated contact list (subject to consent) and a short summary report will be shared within four weeks after the tour.

23.3 Collaboration

Opportunities for MoUs, joint research proposals, pilot demonstrations, and academic-industry collaborations will be facilitated with hosts and partners in Germany and Denmark.

24 Sponsorship

Tiered sponsorship packages (Title / Gold / Silver / Bronze) will be offered, including:

- Branding in brochure and website
- Visibility during selected program segments
- Demo space or technical presentation opportunities
- Delegate interaction and networking access

25 Illustrative/conceptual images

The final brochure and website will include:

- Photos and schematics of field robotics, sensing payloads, and agricultural automation systems
- Images provided by Agrotech Valley Forum partners for each visit location
- Route map covering Germany (Osnabrück – Damme – Amelinghausen – Potsdam) and Denmark (Odense)

26 Fees and payment schedule

26.1 Workshop package fee

The full workshop tour package fee is set at:

Package Fee: €3,900 per participant

International Workshop Tour, Germany and Denmark, 14–21 June 2027

The package fee has been calculated based on an 8-day international technical tour, including accommodation, group transportation, selected meals, technical visits, field-event participation, cultural activities, learning materials, certificates, organizational coordination, and a financial safety margin for 2027 price variation.

26.2 Inclusions

The package fee includes:

- Hotel accommodation with breakfast during the official tour period;
- Chartered shuttle-bus transportation between all official program locations in Germany and Denmark;
- Driver accommodation and related transport-operation costs;
- Selected group meals, including welcome, networking, and closing events;
- Entry passes and coordination for official field events, including DLG “Oko-Feldtage / Eco-Fielddays”, where applicable;
- Site access, technical briefings, laboratory visits, company visits, and field demonstrations;
- Workshop materials, certificates, badges, printed/digital handouts, and access to the digital repository;
- Two Agricultural Robotics reference books per participant;
- Administrative coordination, communication, website support, and on-site logistics.

26.3 Exclusions

The package fee does not include:

- International flights to Germany and departure flights from Denmark;
- Visa application fees, travel insurance, and medical insurance;
- Personal expenses, laundry, minibar, room upgrades, and private transportation;
- Meals not explicitly included in the official program;
- Any optional activities outside the official itinerary.

26.4 Payment timeline

A deposit is due upon acceptance to secure participation. The remaining balance must be paid before issuance of visa-support letters and before final confirmation of hotel and transport bookings. Refund and cancellation conditions will be defined in the official registration terms.

27 Budgets/Costs

27.1 Budget basis

The package fee is based on a maximum group size of 30 participants. The internal planning budget assumes approximately €200 per hotel night, chartered group transportation for the full Germany–Denmark program, driver accommodation, selected group meals, books, administration, and a contingency margin.

Indicative Internal Cost Structure per Participant

Cost Item	Indicative Cost per Participant
Accommodation with breakfast	€1,600
Chartered shuttle bus and driver-related costs	€300–€400
Selected group meals and networking dinners	€300–€400
Entry passes, cultural activities, and site logistics	€150–€250
Two Agricultural Robotics books	€200
Materials, certificates, website, administration, and coordination	€200–€300
Contingency and 2027 price-risk reserve	€400–€600
Estimated operational cost per participant	approx. €3,300–€3,400
Planned organizational margin	approx. €500–€600
Final package fee per participant	€3,900

27.2 Estimated total event budget

For a full group of 30 participants, the total expected event revenue is:

$$30 \times 3,900 = 117,000 \text{ EUR}$$

This amount is intended to cover accommodation, transportation, technical and cultural program costs, learning materials, coordination, administration, contingency reserves, and the planned organizational margin.

27.3 International travel costs

Participants are responsible for arranging and paying for their own international travel:

- Arrival: Germany, preferably Hannover or Münster/Osnabrück;
- Departure: Denmark, preferably via Odense/Copenhagen connection.

27.4 Domestic and regional travel costs

Domestic and regional group transport during the official program is included in the package fee. This includes transfers within the Osnabrück region, transport to Damme, Amelinghausen, Potsdam/Berlin, and onward to Odense, Denmark, according to the final itinerary.

27.5 Subsistence and cultural event costs

Hotel breakfast and selected official group meals are included. Cultural excursion costs in Germany and Denmark will be included where feasible and according to the final confirmed program. Participants should budget separately for personal meals and optional private activities not included in the official itinerary.