

Rejseafrapportering, SHWA Ragusa, Sicilien 2023
International Arbejdsmiljøkonference

Christina Edstrand, Arbejdsmiljøchef SEGES Innovation
Per Jørgensen, Arbejdsmiljøkonsulent SEGES Innovation

SEGES Innovation, Arbejdsmiljø

Formålet med rejsen var at deltage i arbejdsmiljøkonferencen SHWA – Safety Health Welfare in Agriculture & AgroFood Systems.

Konferencen bestod af indlæg fra de deltagende landes professorer, forskere, konsulenter og studerende. Alle indlæg vedrørte landbruget, og var derfor relevant for os der formidler arbejdsmiljø til landmænd, og andre der har med landbruget at gøre.

Vi havde et indlæg til konferencen, det blev afholdt af Christina Edstrand, Helle Birk Domino og Per Jørgensen. Her fortalte vi om de projekter vi arbejder med i Danmark, herunder aktiviteter i PAF-projektet 2023 – Fælles fokus på godt arbejdsmiljø i landbruget.



Vi fortalte lidt om SEGES og arbejdsmiljøafdelingen.

Præsentationen indeholdt også information om Migrant-arbejdere i Danmark.

Vi havde et punkt om det nyeste vedr. maskinsikkerhed (AP3), og vi beskrev, hvad vi gør i forhold til S'et i ESG.

Se vores præsentation sidst i filen.

Programmet for konferencen

Konferencen startede tirsdag aften med et socialt arrangement, så vi havde mødt hinanden inden konferencen gik i gang.

Tirsdag d. 5/9: Velkomst og aftenarrangement

Onsdag 6/9: Præsentationer

Torsdag 7/9: Præsentationer, socialt arrangement om aftenen tur på et slot

Fredag 8/9: Præsentationer, socialt arrangement om aftenen tur til Scicli

Lørdag 9/9: Rundvisning på gartneri der dyrker krysantemum.



PROGRAMME

VII SHWA 2023

RAGUSA/ASHWALT
Safety Health Welfare in Agriculture & Agro-Food Systems

Preliminary General Programme

	5 September 2023	6 September 2023	7 September 2023	8 September 2023	9 September 2023
Morning		Registrations 10 th Etnean Occupational Medicine Workshop	Parallel Sessions Short Symposia	Parallel Sessions Short Symposia	Technical Tour
		Hyblean cocktail	Typical Lunch	Typical Lunch	Typical Lunch
Afternoon		Lectio Magistralis First Communication Main Communications	Parallel Sessions Short Symposia	Plenary Session Final Statement and Closure Ceremony	Departure to Airport (Catania or Comiso)
Evening	Welcome party	Ragusa (bibi) Free Time	SHWA Party and Performances	Mediterranean Aperitif and Free Time in a SHWA wonderful location	Journey home and start of good SHWA memories for all!

Se detaljeret program sidst i filen.

Spændende og inspirerende indlæg og emner blev præsenteret som fx ergonomi, sundhed og trivsel, unges arbejdsmiljø (AP1) teknik og maskinsikkerhed (AP3).

Deltagere fra alle lande havde indlæg, og vi fik derfor den nyeste viden fra Italien, New Zealand, Sverige, USA og Tyskland. Der var 80 deltagere på konferencen. Vi fik viden med hjem, der også kan bruges i dansk landbrug, og vi fik mange gode kontakter uden for Danmark vi kan tage fat i, når vi mangler viden, eller gode samarbejdspartnere i fremtiden.



Det ud over konferencen

3 aftener var der fælles ture for alle deltagere. Den første aften var et velkomstarrangement på en lokal restaurant, hvor vi skulle blande os med nogle vi ikke kendte. Vi fik her lov til at smage på den lækre italienske mad.

Anden aften var vi på Donnafugata Castle, der fik vi en rundvisning og aftensmad bagefter.

Tredje aften var vi i den historiske by Scicli, hvor vi også fik en rundvisning. Meget fin by med flotte kirker og bygninger. Lørdag var vi på et krysantemumgartneri, et af de største i Europa. Her fik en rundvisning og grundig gennemgang af hvordan man dyrker og avler krysantemum. Meget spændende at se.







SEGES Innovation

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Ansvar: Informationerne på denne side er af generel karakter og søger ikke at løse individuelle eller konkrete rådgivningsbehov. SEGES er således i intet tilfælde ansvarlig for tab, direkte såvel som indirekte, som brugere måtte lide ved at anvende notatets informationer.



SEGES, arbejdsmiljø

Helle Birk Domino, Per Jørgensen and
Christina Edstrand

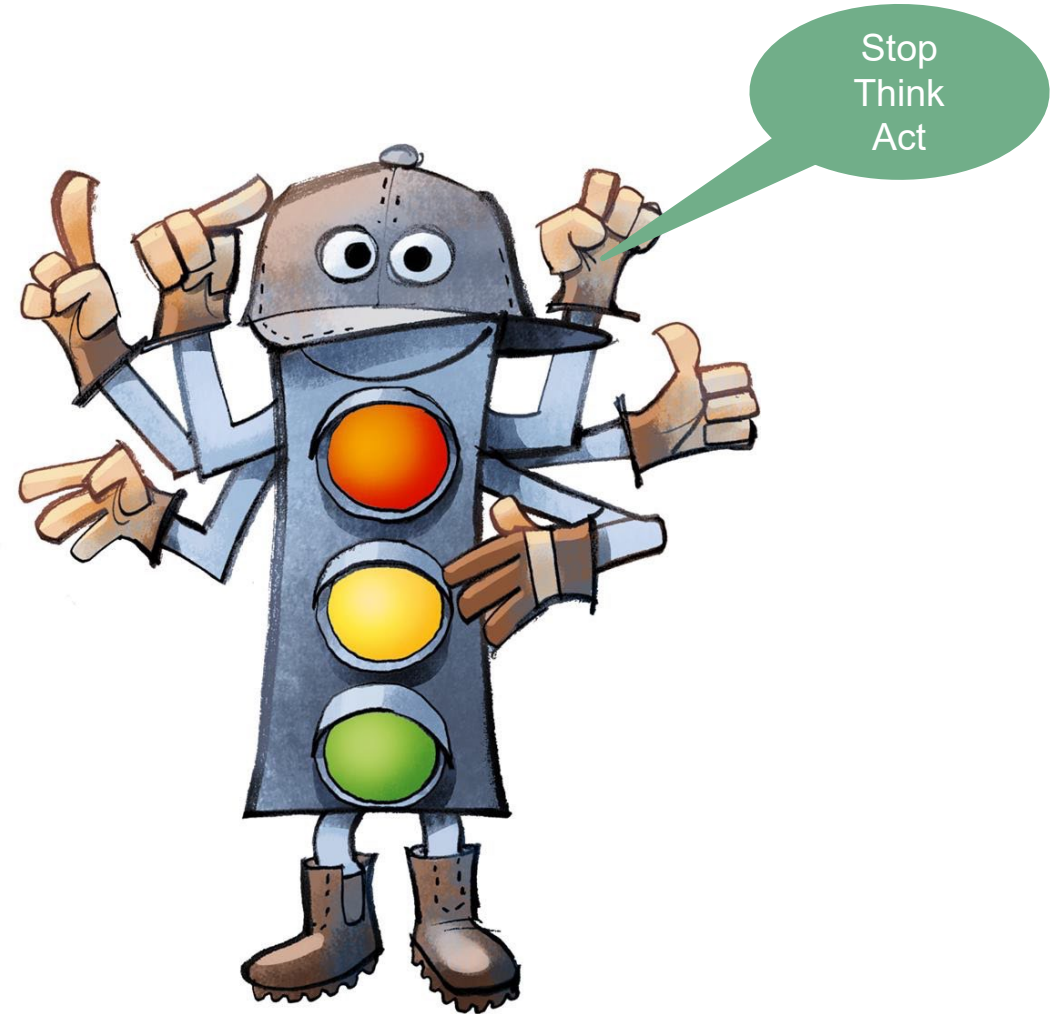
6th of september 2023

Short agenda

Presentation HS departement, SEGES
Overview of tasks

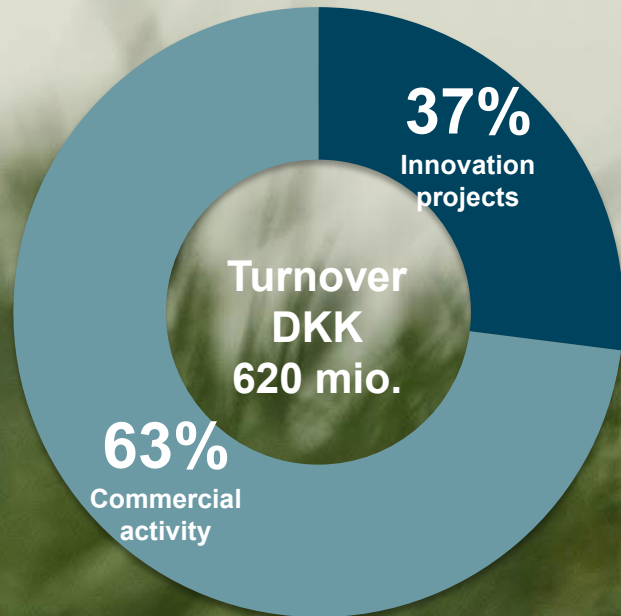
A few specific activities

- Hotline
- Yearly HS talk
- Migrant workers
- ESG
- Machinery safety
- Chemical Risk Assessment CRiskA



SEGES Innovation = A knowledge center for Agriculture.

~ 550 employees (economy, climate, Animal health and welfare, software/digital tools, environment...and HS 😊)
the majority working at Agro Food Park, Aarhus.



SEGES Innovation, HS Department



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Our focus is to achieve

- workplaces which attract and retain good employees
- positive storytelling about the agricultural sector
- retention of skilled and proficient employees
- work-life balance
- sustainable farms with the priority to develop, retain and accommodate all employees – central factors in ESG
- activities to promote UN sustainable development goals
#3: good health and well-being and 8: decent work with equal opportunities



We are experts in the Danish Working Environment Act

ergonomics, biology, chemistry and the physical and psychosocial area, including:

- your legal responsibility
- personal safety
- cultural exchange
- well-being
- security culture
- communication
- formal requirements
- risk assessment



We offer

- education
- digital solutions
- innovative tools
- communication of new knowledge
- preventive solutions
- project management and participation
- input to international and Danish professional groups exchanging experiences
- participation in events relevant for working environment in agriculture
- education of occupational health and safety representatives of agriculture



We co-operate with

- farmers
- farm employees
- employment centres
- authorities
- Danish Agriculture Advisory Services and Danish Agriculture & Food Council
- agricultural colleges
- financial institutions
- insurance companies
- research institutions
- suppliers/buyers
- labour market organizations
- international businesses



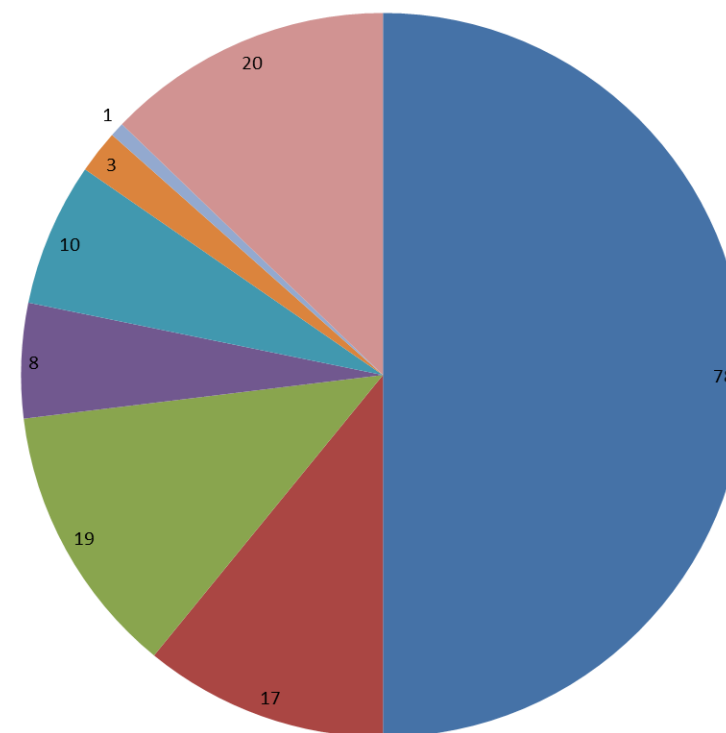
**We strive to ensure attractive workplaces in agriculture
– and to ensure your safe return from a good working day**

SEGES
INNOVATION

Hotline – new product – based on need after accidents



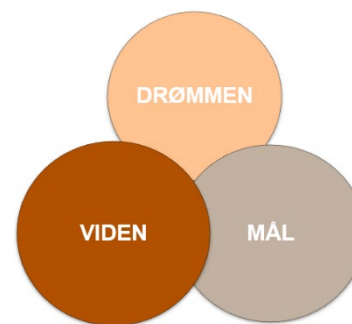
Fatal accidents, 156 ,
2003-2022 (juni 23), agriculture



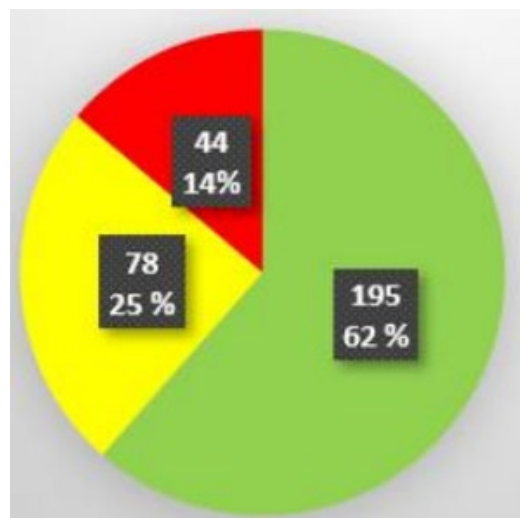
- Machines (fallen tractors, mini loaders, trenchers, telescopic loaders)
- Work at heights (falls from roof, straw attic, ladder)
- Straw bales (big bales and mini big bales)
- Livestock (cattle)
- slurrytank (gas, drowned)
- Silo
- grain pit
- Other

Yearly talk HS, objectives, initiatives - legislation

- 52 farms visited and followed up upon
- 317 objectives were decided
 - Initiatives decided how to reach the objectives



- After 3 months
 - 195 initiatives done
 - 78 initiatives in progress
 - 44 initiatives not started up



Migrants' safety in agriculture – safety calendar



Migrants' safety in agriculture

A safety calendar as a nudge for better health and safety conditions at dairy farms

This calendar is intended to give farmers and farm workers tools for working with health and safety in agriculture. Each month has a specific safety theme. You can access information about the safety theme directly from the calendar via the QR codes.

The themes have been selected on the basis of research, as part of the project "Migrants' safety in agriculture". The project has been managed by Moesgaards Antropologiske Analysecenter (MANTRA) at Aarhus University, and SEGES Innovation has been a sub-contractor. The project has been funded by the Danish Working Environment Research Fund.



ABSTRACT

The purpose of this project has been to explore migrants' health and safety in Danish agriculture from an anthropological perspective. To do this the project has three work packages:

- **WORK PACKAGE 1** explores the **safety culture at farms**, including the impact of workplace relations and cooperation between migrant farm workers, Danish workers, and Danish farmers. This work package is based on ethnographic field-work and semi-structured interviews.
- **WORK PACKAGE 2** explores how **external actors** such as vets, agricultural schools, labour market partners and business organisations may impact safety at farms that employ migrant workers. This work package is based on semi-structured interviews.
- **WORK PACKAGE 3** uses the empirical data and knowledge from work package 1 and 2 to develop **practical tools to improve safety at farms** that employ migrant workers. This has led to the development of a safety calendar based on nudging principles. The calendar will be presented at the conference.

CONTACT INFORMATION

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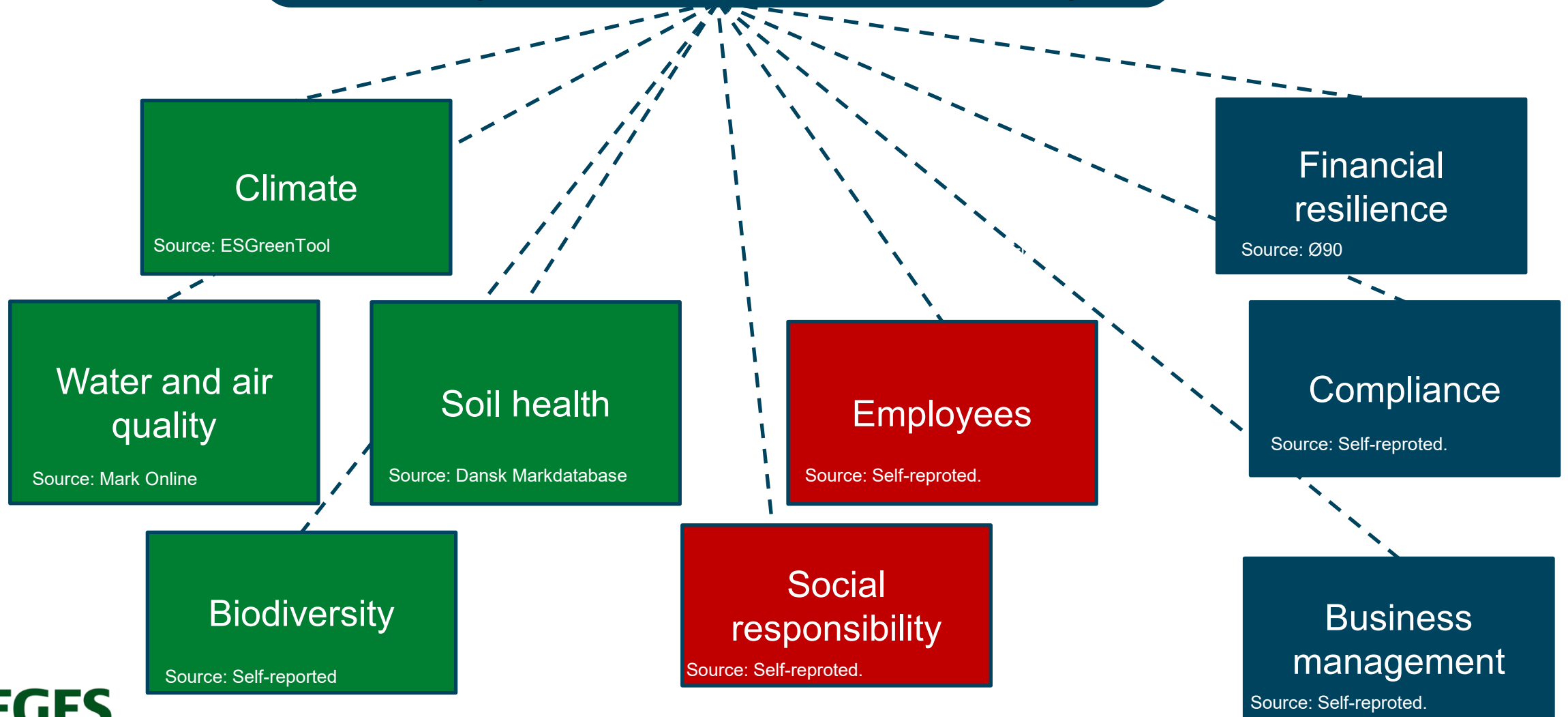
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Take a look at our homepage



ESG-management reporting

How sustainable the farm is
Demanding from banks – add on to annual budgets



INDICATORS FOR ASSESSING FARM LEVEL SUSTAINABLE DEVELOPMENT

Environment

E includes

Climate:

Emissions from farm (CO₂e)

Biodiversity:

Nature Check (Y/N)

Water and air quality:

Ammonia evap. field (kg. N/ha)

Ammonia evap. stable (kg. N/ha)

Phosphorus surplus (kg P/ha)

IPM score (1-100)

Soil health:

Soil samples within optimum

Measures against soil compaction

Social

S includes

Terms of employment (contract, salary, vacation, overtime, pension)

How to make usefull workplace assessment

How to prevent work accidents

How to promote wellbeing and health

How to prevent occupational diseases

Systematic onboarding & instruction

Key figures

Seniority, sick leave, accidents, fines/remarks from authorities

Social responsibility

Offer flexible work[♥]places for weak in society

Open up for visitors – show and tell

Interns – education of future farmers

Governance

G includes

Compliance:

Recognized systems for planning and deployment of ressources

Business management:

Strategy formulation and implementation

Risk management

Contingency plans

Optimal ressource usage:

Cost of production (DKK/unit)

Financial resilience:

Rate of return on turnover (%)

Huge step to implement a systematic approach to H&S,
That banks can rely creditworthiness on **social indicators** is huge

Safety - Agricultural Machinery

Small wheelloaders – seat belt



Camera-based support



Simulator – to prepare for reality



Monitor – detecting people



Machine safety – the use of seat belt on small wheel loaders

Small wheelloader or skidloader on all dairyfarms

13% of cattle farmers puts on seat belt

Typical excuses:

- *“It takes time to buckle up”*
- *“You must be able to jump off”*
- Employers need to demand the use of the seat belt
- [New occupational health measures to cut fatal accidents in Danish agriculture — Nordic Labour Journal](#)



Chemical Risk Assessment



European directive. All European countries must have regulations for handling Chemicals and chemical/biological processes.



Give instruction to all workers



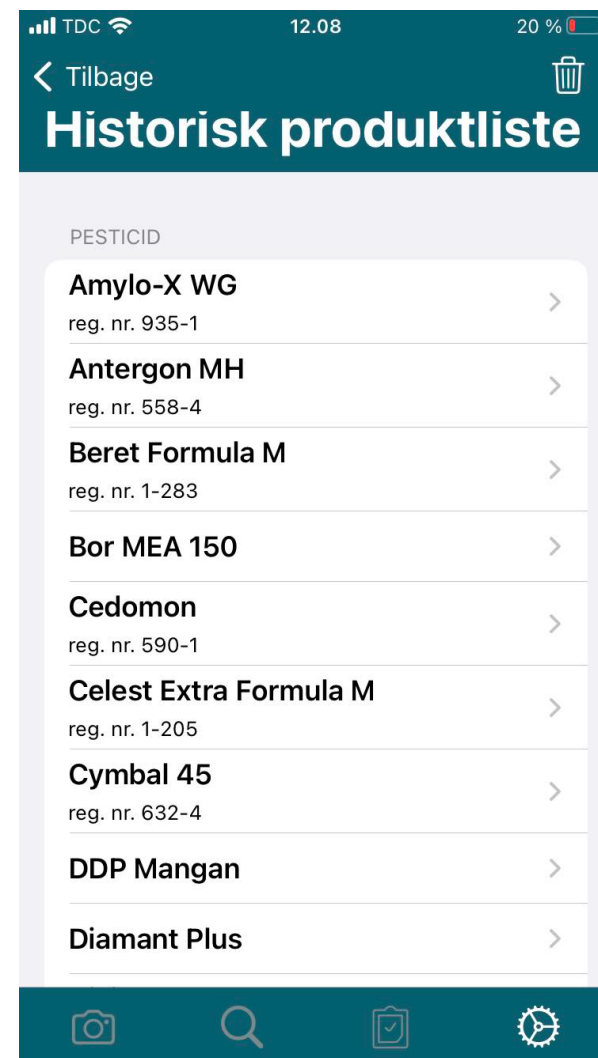
The farmer and workers need to know about protective equipment and the possible hazards from using chemicals



All this for fewer accidents when handling chemicals

CRiskA app





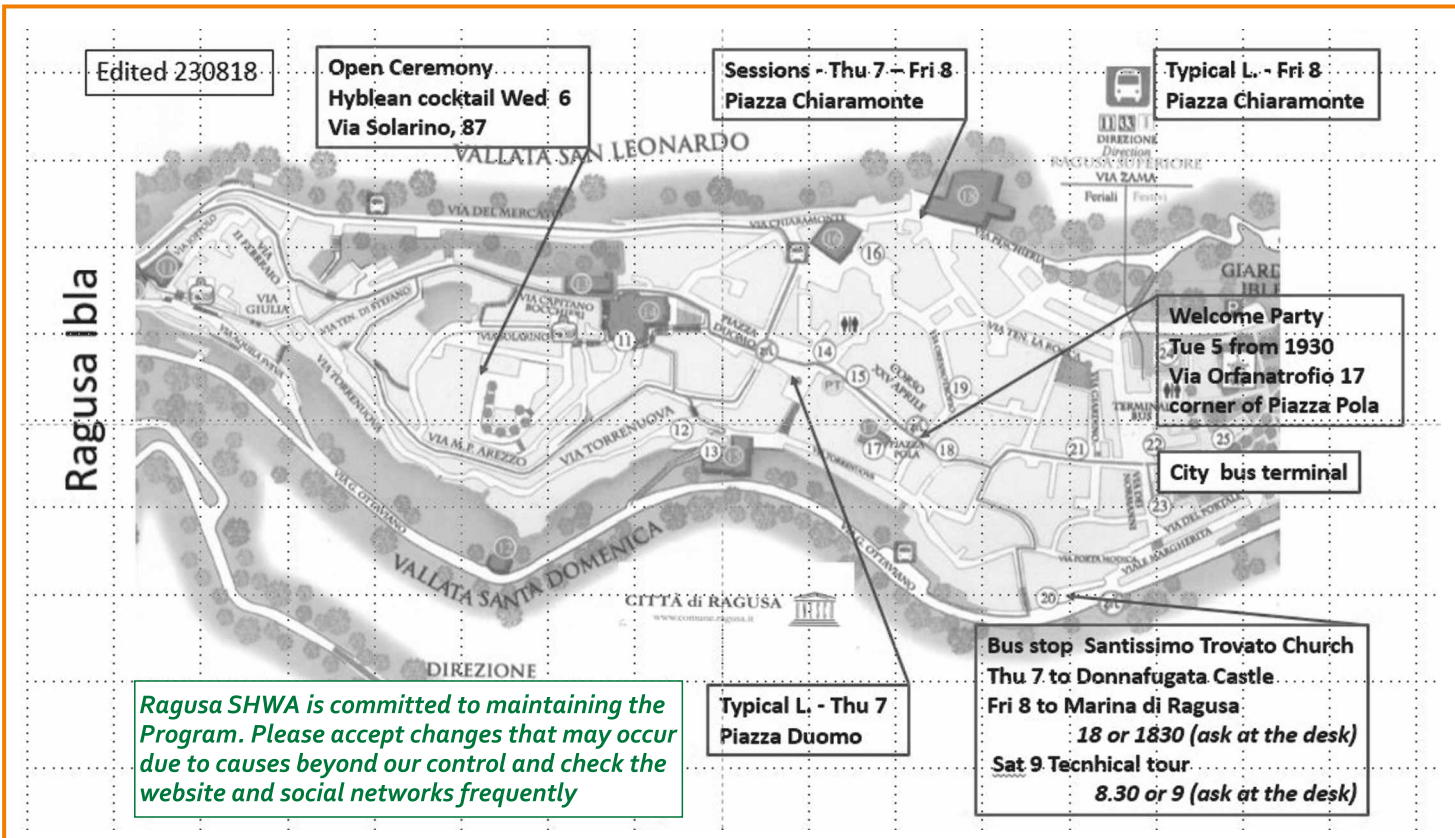
Thank you for your attention

**Looking forward to
talk to everybody**





credit A. Rotoletti



PROGRAMME

10° Etnean Occupational Medicine Workshop “Sicurezza e Salute nella Fascia Trasformata” ITALIAN language 	Wednesday, September 6, 2023	
	8.30	Saluti Istituzionali Consortium Hall – via Solarino, 87 – Ragusa Ibla Prof.ssa Caterina Ledda - Dott. Corrado Bottaro - Dott. Elio Romano Department of Clinical and Experimental Medicine University of Catania
	Chairpersons	
	9.00 -13.00	Oral presentations

VII SHWA 2023 Safety Health Welfare in Agriculture & Agro-Food Systems

Tuesday, September 5, 2023 - SDS DISUM, Piazza Chiaramonte, Ragusa Ibla

19.30 Welcome Party

Wednesday, September 6, 2023 – “Consortium” Hall via Solarino, 87 Ragusa Ibla

13.00 Hyblean Cocktail

14.30 – 17.30 SHWA Opening Ceremony

Welcome Address

- Prof. Giampaolo Schillaci SHWA Convener - University of Catania
- Prof. Remigio Berruto CIGR Past President - University of Turin
- Prof. Massimo Cecchini AIIA V Section President - Tuscia University
- Prof. Pietro Piccarolo UNASA President - Ragusa SHWA Mentor

Lectio Magistralis

- Dunies G. - Department of Public Health Policy, School Public Health - University West Attica, Greece
- Leptospirosis, One Health Policy Example
- Lundqvist P. - Swedish University of Agricultural Sciences - Swedish and International Perspectives on Health & Safety in Agriculture
- International Perspectives on Farmers’ Psychosocial Working Conditions and Mental Health
- Severini S. - Department of Agriculture and Forest Sciences, Tuscia University, Viterbo, Italy
- Risks and Vulnerabilities of the EU Food Supply and Risk Management Tools at the Farm Level

Main Communication

Main Communications present research activities conducted by various organizations located in Europe and beyond with the aim of stimulating new ideas and collaborations among researchers.

- Bisaglia C. - CREA, Research Centre for Engineering and Agro-Food Processing, Italy
- Edstrand C., Domino H. B., Norup M. - SEGES Innovation, Aarhus N, Denmark
- Jakob M. - Department of Technology Assessment and Substance Cycles Leibniz Institute for Agricultural Engineering and Bioeconomy Potsdam, Germany
- Rosecrance J. - Occupational Ergonomics & Safety Program Director, High Plains Intermountain Center for Agricultural Health and Safety (HICAHS), Colorado State University, United States
- Vita L. – INAIL Dept of Technological Innovations and Safety of Plants, Products and Anthropic Settlements
- 18.00 Ragusa Ibla Free Time

Thursday, September 7, 2023	SDS DISUM, Piazza Chiaramonte, Ragusa Ibla
Room A 9.00 – 10.30 (12 minutes per presentation and overall debate at the end)	
Mini Symposium – Topic 2 & 9	
WMSDs and Occupational Health	
Chairperson: Rosecrance John	
An Assessment of Stooped Postures During Manual Weeding Tasks and Recommendations for Managing Work Practices <i>Rosecrance, Pennington, Sanders, Masci</i> Introduction of Passive Trunk Supporting Exoskeletons on an Asparagus Farm <i>Jakob</i> The Use of Exoskeletons in Daily Agricultural Work Processes <i>Norup, Domino</i> AgriStress Helpline: 24/7 Crisis Line Built for Farmers and Ranchers <i>Roy, Haskins</i> The Pact for Skills and the Blueprint Projects FIELDS and I-RESTART: Actions at European Level for Improving the Knowledge and Skills in the Agri-food Sector <i>Berruto, Busato, Sanna, Rovera, Birzu, Rossi</i>	

10.30 – 11.00 “Barocco” Coffee break

Room A 11.30 – 13.00	Room B 11.30 – 13.00
Parallel session A – Topic 9	Parallel session B – Topic 3 & 5
Occupational Health	Machine Milking, Animal Welfare, Sustainable Livestock Farming Instrumentation, Equipment, Periodic Procedures and Tests
Chairperson: Jakob Martina	Chairperson: Arcidiacono Claudia
Lights and Shadows of Agricultural Workplace Safety Legislation in the Main EU States <i>Di Stefano, Colantoni, Di Domenico, Monarca</i> Work-Related Injuries and Illnesses among Restaurant Workers: a Review <i>Failla, Furnitto, Schillaci</i> Ergonomic Evaluation in the Use of Manual Agricultural Tools: New Analysis Methodologies <i>Rapisarda, Matera, Filetti, Romano, Scorciapino, Rapisarda, Musumeci, Roggio, Vitale</i> A Survey for the Introduction of New Parameters for the Assessment of Work-Related Stress in Agriculture <i>Alemanno, Cossio, Riccioni, Andreotti, Milioni, Cecchini, Di Stefano</i> Work Safety Issues in Non-Professional Vegetables Gardens <i>Gubiani, Bietresato, Zucchiatti, Da Broi, Simeoni</i>	Effect of Automatic Feeding System on Feeding Behaviour and Agonistic Interactions at the Headlock in Dairy Cows <i>Motta, Borciani, Gastaldo</i> Efficient Use of Artificial Lighting and Intensive Use of Natural Light in Milking Parlours: the MUNGILUX Project <i>Tangorra, Zucali, Calcante</i> Vertical Profile of Noxious Gas Concentrations in an Open Dairy Barn in Mediterranean Area <i>D’Urso, Arcidiacono, Cascone</i> An Innovative Indoor and Controlled Sustainable Snail Breeding System <i>Greco, Catania, Orlando, Vallone, Mammano</i> Relationship between Heavy Metals Concentration Detected on Honeybees and their Activity Level <i>Costa, Buoio, Mortarino, Rizzi, Di Giancamillo, Tangorra, Castelveccchio, Fedrizzi, Accurso, Locatelli</i> Ammonia Remediation in Recirculating Aquaculture Systems: Photocatalysis Vs Electro- Photocatalysis <i>Cialini, Bazzocchi, Di Giancamillo, Livolsi, Chiarello, Franz, Selli, Costa, Buoio</i>

13.00 – 14.30 Typical Lunch

Room A 14.30 – 16.30	Room B 14.30 – 16.30
Parallel session B – Topic 9 & 8	Parallel session B – Topic 14 & 13
Occupational Health	ROPS and Stability Research
Noise, vibration, dust, endotoxin, microorganism	Environment Safety, People Health Protection and Welfare
Chairperson: Monarca Danilo	Chairperson: Pessina Domenico
Safety and Ergonomics on Forestry Sites. A Sector Overview and Bibliometric Analysis <i>Toscano, Fiorentino, De Iorio, Moretti, D’Antonio</i> Analysis of the Formation and Safety of Non-Specialised Operators Working on Public Urban Green Sites <i>D’Antonio, Fiorentino, De Iorio, Moretti, Toscano</i> Frequency Analysis from Electric Portable Harvesters for Olives <i>Cerruto, Capace, Manetto</i> Inhalable Wood Dust Produced during Chainsaw Operations <i>Biocca, Gallo, Fanigliulo, Carnevale, Vincenti, Gallucci, Paris, Fornaciari, Grilli, Benigni, Pochi, Palma</i> Whole Body Vibration Exposure in Olive Harvesting by Means of Tractor-Mounted Harvesters: A Case Study <i>Coltrinari, Cecchini, Bartolacci, Monarca</i> Application of ANN for the Identification of Discriminating Variables by Noise Analysis on Portable Motorised Equipment <i>Riccioni, Bianchini, Assettati, Coltrinari, Tilesi, Cecchini, Ortenzi</i> Indirect Quantification of Agricultural Workers’ Muscular Fatigue due to Vibrations Exposure, Aimed at Preventing Possible Accidents at Work <i>Gubiani, Bietresato, Zucchiatti, Da Broi</i>	A Fully-Assisted Folding Rear Rollbar for Agricultural and Forestry Tractors: the QROPS <i>Pessina, Galli, Vita, Puri, Laurendi</i> Compact Tractor 4.0: an Investigation for the Development of a Low-Profile Full Electric Specialized Tractor <i>Gattamelata, Cecchini, Vita, Puri, Monarca, Rigon, Ortenzi, Bella, Mendecka, Facchinetti, Pessina, Galli</i> A Survey on Drivers’ Health Impact of Pollutant Gaseous Emissions of Agricultural Machinery <i>Galli, Facchinetti, Gibin, Pessina</i> Has The Risk of Agricultural Tractors Overturning Changed in the COVID Period? <i>Facchinetti, Galli, Piazza, Pessina</i> Chemical risk management in agriculture and climate change: a review from a "One Health" perspective <i>Cioccolo, Rossi, Bianchini, Colantoni, Gherardi, Cecchini</i> Hepatitis E Virus Detection in Swine Slurries of Abruzzo: Considerations on Virus Occurrence and Workers' Exposure. <i>Brambilla, Bisaglia, Filisetti, Giovinozzo, Mancini, Veneri, Bonanno Ferraro, Iaconelli, Vicenza, Suffredini, La Rosa, Lazzari</i>

19.30 SHWA Party and performances

Friday, September 8, 2023	SDS DISUM Piazza Chiaramonte Ragusa Ibla
Room A 9.00 – 10.30	Room B 9.00 – 10.30
Parallel session A – Topic 12 & 13	Parallel session B – Topic 14
Effect of landscapes on human health and welfare Environment Safety, People Health Protection and Welfare	ROPS and Stability Research
Chairperson: Biocca Marcello	Chairperson:. Rondelli Valda
Landscape, Climate Change and Human Health. The role of Land Use in Sicily <i>Fischer, Pappalardo, Martinico</i> A GIS-Based Model to Estimate Sheep Wool Waste Availability for their Sustainable Re-Use and Valorisation <i>Midolo, Cascone, Porto, Valenti</i> Preliminary Results on the Correlation Between Drop Size, Foliar Deposition and Surface Coverage to Reduce Agrochemical Use <i>Manetto, Privitera, Avola, Cerruto</i> A Wearable Tracking System to Evaluate SARS-Cov-2 Virus Transmission Risk During Pruning Operation <i>Catania, Canicatti, Ferro, Roma, Vallone</i> Using a Low-Cost Portable Device to Assess Bergamot Fruit Colour in the Field <i>Anello, Mateo, Benalia, Zimbalatti, Blasco, Gomez Sanchis, Bernardi</i>	Survey on the Stability of Tractor-Implement Combination on Increasing Slopes <i>Galli, Cutini, Bisaglia, Pessina</i> Applicability to Narrow Track Tractors of an Official Standard for the Calculation of Self-propelled Agricultural Machines Stability <i>Cutini, Bisaglia, Facchinetti, Pessina, Galli</i> Experimental Validation of the Influence of Obstacles on Tractor Rollover Stability <i>Carabin, Becce, Mandler, Nicolosi, Mazzetto</i> Semi-Quantitative Risk Assessment Framework for Tractor Rollover Prevention Systems Based on the Functional Resonance Analysis Method (FRAM) <i>Rossi, Cecchini, Monarca, Alemanno, Macor, Assettati</i> An Evaluation of Operator Perception in Manual Handling of Front Foldable Rollover Protective Structures Mounted in Narrow-Track Tractors <i>Capacci, Franceschetti, Piovaccari, Martelli, Rondelli</i>

10.30 – 11.00 “Barocco” Coffee break

Room A 11.00– 13.00
Plenary Session – Topic 7
Agriculture 4.0, Automation, Remote Control, Robot and Innovative Vehicle
Chairperson: Bisaglia Carlo
Development of a Prototype of a Self-Driving Electric Vehicle: the MAGA Project <i>Pampuro, Assandri, Cavallo</i> A Functional Classification for Agricultural Robots <i>Sozzi, Marinello, Sartori</i> Comparing the Performance of Traditional and Autonomous Tractors in Maize Sowing: an Overall Evaluation of Agricultural Robot Adoption <i>Bettucci, Sozzi, Gasparini, Marinello, Sartori</i> Design of Manure Spreader Wagon for Sewage Sludge’s Precision Distribution <i>Lazzari, Giovinozzo, Bisaglia, Romano, Cutini, Assirelli, Cabassi, Brambilla</i> Sentinel2 Satellite Images to Discriminate Organic Cereal Crops in Southern Italy <i>Fiorentino, D’Antonio, Donvito, Toscano</i> Potentiality of Multispectral Vegetation Indexes for Evaluating the Influence of the Sowing Technique on Durum Wheat Cultivation Density <i>Furnitto, Ramírez Cuesta, Sottosanti, Longo, Schillaci, Failla</i> Pruning Weight Estimation Using Multispectral Sensors in a Vineyard in Southern Italy <i>Ferro, Catania, Canicatti, Roma, Orlando</i> Olive tree canopy assessment by UAV multispectral images before and after pruning <i>Roma, Canicatti, Catania, Ferro, Orlando, Vallone</i>

13.00 – 14.30 Typical Lunch

Room A 14.30 – 16.30
Symposium – Topic 11 & 15
Precision Farming and Traceability - SHWA & Augmented reality, Gamification, IoT
Chairperson: Caffaro Federica and Lundqvist Peter
Farmers’ Perception of Smart Farming Technologies: Investigating Aspects to Enhance Agriculture Digitalization <i>Vigoroso, Pampuro, Cavallo, Caffaro</i> Precision Agriculture, Ergonomic Risks from the Use of Assisted Driving Systems <i>Vitale, Matera, Filetti, Famoso, Rapisarda, Musumeci, Roggio, Rapisarda, Romano</i> Design of a Wireless and Digital-Based System for Obstacle Detection of Fixed and Moving Obstacles in Agriculture <i>Monarca, Vita, Pessina, Cutini, Gattamelata, Puri, Assettati, Cecchini, Rossi, Macor, Rigon, Alemanno, Galli</i> Water Management Sensing and Technology in Citrus Orchards <i>Roccuzzo, Randazzo , Stagno, Calcagno, Assirelli</i> Gamification for Safe and Innovative Agriculture <i>Macor, Rossi, Cecchini, Monarca, Cossio</i> Co-Designing Game Training Solutions to Improve Safety in the Agricultural Sector: Insights for the Correct Use of Foldable Roll-Over Protective Structure <i>Vigoroso, Caffaro, Cavallo, Pampuro</i> IoT LoRaWAN Device for Measuring Electrical Consumption in Agricultural Sector: Installation in Dairy Farming and Greenhouse Floriculture <i>Lazzari, Bragaglio, Bisaglia, Brambilla, Giovinozzo, Filisetti, Fedrizzi, Figorilli, Vasta, Tocci, Cacini, Cutini</i>
16.30 “Young Researcher Award” Next Ragusa SHWA appointments - Closure Ceremony

18.30 Mediterranean Aperitif

Saturday, September 9, 2023

Technical Tour