



# **Trade not Aid**

## **Development of Organic Food Industry in Pakistan**

### **Post Visit Report**

## **Delegation from Thünen Institute and University of Bonn, Germany to Pakistan 19- 26 February, 2023**

### **Foreign Delegation**

1. Prof. Dr. Gerold Rahmann, Director and Professor of the Thünen-Institute of Organic Farming of German Federal Research Institute of Rural Areas, Forests and Fisheries ([www.thuenen.de/en/ol](http://www.thuenen.de/en/ol))
2. Dr. Daniel Neuhoff, Senior scientist / Researcher, University of Bonn, Agroecology and Organic Farming department.
3. Ms. Klaudia Katharina Rahmann, Researcher, University of Kassel, Germany

### **Organizing Team**

1. Dr. Hasan Ali Mughal, Founder POA & SCM Cluster Head, NUML, Rawalpindi
2. Mr. Qasim Tareen, Co-founder and Chairman POA, Founder Islamabad Farmer Market, Islo fresh
3. Dr. Muhammad Zahoor ud Din, Bio Organic & whole food, Organic food store , F-6 Markaz
4. Mr. Zahid Durrani, Bio Hunza, Certified organic food exporter
5. Dr. M. Farhan Saeed, Associate Professor, Comsats, Islamabad, Vehari Campus
6. Dr. Saood Qasim, Organic certification Auditor
7. Dr. Farida Faisal, Associate Prof, UIMS, PMAS, UAAR.
8. Ms. Huma Beg, Dy. Chairman , POA
9. Mr. Syed Zeeshan Haider, Manager, Supply Chain, POA
10. Members of Pakistan Organic Association

### **Collaborators**

1. Dr. Saqib Majeed, Director External linkages, PMAS, Arid Agriculture University, Rawalpindi
2. Dr. M. Zubair Iqbal, Pro-Rector Research & Strategic Initiatives Division, NUML
3. Mr. Tariq Khan, Institute of Horticulture, ARL, Morgah, Rawalpindi
4. Dr. Akmal Siddique, Technical advisor, MNFSR
5. Dr. Sikandar Khan, Focal Person, Organic agriculture, PARC
6. Mr. Shahid Minhas, SDPI
7. Prof Dr. Sher Muhammad, Chairman, Department of Agriculture, AIOU.
8. Pakistan Organic Association & Supply Chain Cluster, NUML, Rawalpindi



Ministry of National Food Security & Research Government of Pakistan



Agriculture Poly-technique Institute NARC, Islamabad



BiOrganic & wholefoods | leading in wellness



SDPI Sustainable Development Policy Institute



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## Activity Schedule

### **Trade not Aid: Development of Organic Food Industry in Pakistan**

#### **Schedule of Prof. Dr. Gerold Rahmann and Dr. Daniel Neuhoff, Thünen Institute of Organic Farming, Germany** **(19 Feb – 26 Feb, 2023)**

Sr.	Activity	Venue	Date / Time	Audience	Other
1.	Arrival, Transport & Stay	Guest House, PMAS, Arid Agriculture University	19 <sup>th</sup> Feb		Transport provided by ARL
<b>20<sup>th</sup> February, 2023</b>					
2.	Seminar on Organic Farming, signing of MoU, Discussion with Faculty and Trade Fair	Auditorium, PMAS, Arid Agriculture University, Rawalpindi	900 hrs – 1300 hrs	Faculty Members , research students Organic farmers, enterprises, other stakeholders	
3.	Panel Discussion on Organic Agriculture	Department of Agriculture, AIOU, Islamabad	1400 hrs to 1700 hrs	Policy makers, scientists, INGOS, Academia, other stakeholders	
<b>21<sup>st</sup> February, 2023</b>					
4.	Seminar at NARC , Meeting with chairman / DGs / Directors and Institutional and farm visits	NARC, Islamabad	930hrs – 1300 hrs	Scientist from institutions of NARC and PARC	
5.	Signing MoU with ARL and visit AIH/ARL Bio diversity farm	ARL, Morgah	1400 hrs to 1600 hrs	AIH / ARL officers	
6.	Bio organics / Organic enterprises	F-6, Islamabad	1700hrs – 1830hrs	Organic food companies	
<b>22<sup>nd</sup> February, 2023</b>					
7.	Organic Farm visit	Simli Dam Road Islamabad	900hrs – 1200 hrs	Organic producers & enterprises	
8.	Meeting with Secretary MNFSR and senior management	Islamabad	1230 hrs to 1400hrs	stakeholders	

9.	Seminar: Trade not Aid Policy discussions on boosting exports	NUML, Islamabad	1500hrs – 1630hrs	Faculty members, students, administration	
<b>23<sup>rd</sup> February</b>					
10.	Visits and Meetings with Respected Deans and Rector at COMSATS University Islamabad, CUI- Islamabad	CUI- Islamabad	800hrs to onward	Visits and Meetings with Respected Deans and Rector at CUI- Islamabad	
11.	Travel to Vehari for Seminar in Department of Environmental Sciences at Comsats University - Vehari Campus	Comsats University- Vehari	900hrs to onward	Farmer, Students and faculty	
<b>24<sup>th</sup> February</b>					
12.	Organic Farms visits Certified and natural	Southern and central Punjab	900hrs to onward	Farmers, cooperatives, associations	
<b>25<sup>th</sup> February</b>					
13.	Departure	From PMAS, Arid Agriculture University To Islamabad, Air Port	430 am		

## Arrival of Delegation

**19th February 2023 at 4:30 am**

Prof Dr. Gerold Rahmann and his wife Mrs. Klaudia Rahmaan along with Dr. Daniel Neuhoff arrived at Islamabad International Airport and were received by Dr. Hasan Ali Mughal and Mr. Zeeshan Haider, who escorted them to Chalet Hotel Islamabad and later to Foreign faculty guest house at PMAS. Arid Agriculture University. A cordial welcome was given to the delegation.



## Organic Farming and Sustainability Seminar followed by Signing of MoU at PMAS, University of Arid Agriculture, Rawalpindi

**20th February 2023 (900 hrs – 1400 hrs).**

A seminar on organic farming and sustainability was held at PMAS, Arid Agriculture University, Rawalpindi. The speakers at seminar included Prof Dr Gerold, Dr. Daniel, the Prof Dr. Qamar Uz Zaman Vice Chancellor, Mr. Qasim Tareen, chairman, Pakistan Organic Association. The main purpose of the seminar was to give valuable insights on organic agriculture and farming as a way forward towards sustainability. Alongside that, a MoU was signed between ARID University and Thünen Institute Germany to develop formal relations between both institutes to work on the development of organic farming.



## Expert Discussion on Organic Farming at PMAS, Arid Agriculture University, Rawalpindi

After the event, the guests and spokespersons of ARID University sat in the conference room and were served with refreshments. Matters of importance were discussed with regards to organic agriculture development and issues pertaining to organic farming in Pakistan, and how the EU can support organic agriculture in Pakistan. Shields were distributed among the resource persons and the guests.



## Trade Fair at PMAS Arid Agriculture University, Rawalpindi

Afterward, the guests paid the visit to the trade fair next to the Main Auditorium, where a number of organic food enterprises and farmers displayed their organic brands/products. After the trade fair, the guests were given lunch at the International Faculty Guesthouse at ARID university. Prof. Dr. Gerold and Dr. Daniel explored the range of organic food products in Pakistan and discussed the prospects and challenges with enterprises and farmers.



## Seminar held at Agriculture Department, AIOU, Islamabad

20<sup>th</sup> February, 1500 hrs,

Prof Dr. Sher Muhammad, chairman of the department, Prof Dr Gerold, Dr. Daniel, Dr. Akmal Siddque (technical advisor, MNFSR), Dr. Saood Qasim, Organic certification Auditor, Mr. Waqas, (CEO of Atom Global) and Mr. Shahid Minhas (SDPI) shared their valuable views on Organic Farming and the importance of combining organic agriculture with technology. They highlighted the potential benefits of this approach and its relevance to the Pakistani context. The speakers also shared their experiences and best practices in the field, which was highly appreciated by the attendees. The panel discussions was followed by distribution of honorarium to our foreign guest speakers and shields to guest speakers. Later, a high tea was served at executive lounge of AIOU coupled with networking session.





## Seminar at NARC, Islamabad

21<sup>st</sup> February 9:30hrs – 1300 hrs

With collaboration of Dr. Sikandar Khan, focal person organic agriculture at PARC, A capacity development seminar was held at NARC, where a warm welcome was given to the foreign guests by chairman PARC, DG NARC and Directors of the institutions. Important discussions pertaining to organic agriculture took place, and matters of interest were discussed. The DG also invited the delegation to their office for discussions. Afterwards, the delegation was taken to NARC Farms where a variety of crops with different breeds of seeds were shown, and they were taken to the department of microbiology NARC.





## Meeting with Chairman DG, Directors NARC & Shield distribution ceremony



## Visit to NARC Farms



## Visit to Attock Institute of Horticulture, Bio Diversity Farm and ARL Museum 21st February 1400 hrs to 1600 hrs

After the visit, the delegation was taken to ARL Morgah, and greeted by the team, who let them visit the biodiversity park and also took them to the museum of ARL, to look back at the history of the organization. A meeting was also held where it was discussed how to collaborate with Horticulture institute of ARL, and lunch was served. Afterwards, the delegation also wrote positive words of testimonials on visitors register.



## Discussion at Attock Refinery Ltd.

21<sup>st</sup> February 1630 hrs



## Visit to Hemani Store, Islamabad



Visit to Bio Organic & whole food Store, F-6 Markaz Islamabad



**Mr. Qasim Tareen's Organic Farm Visit**  
22nd February

On 22nd February, the delegation was taken to the organic farm of Mr. Qasim Tareen, chairman Pak Organic, where a live session was held, and the delegation took a gaze at different crops and encouraged the progression and dedication and admired the potential.



## Meeting at Ministry of National Food Security and Research

22<sup>nd</sup> February

A meeting was held at the Ministry of National Food Security and Research. Important matters were discussed with the secretary, Mr. Zafar Hassan and his team. Dr. Hasan Ali Mughal presented the progress on organic agriculture in Pakistan which was followed by expert opinion by Prof. Gerold, Dr. Danial and other experts. Secretary MNFSR and his senior management assured to national and international delegation with regards to establishing organic agriculture cell at PARC and sub institutes, working on organic food legislations and promoting organic agriculture in Pakistan.



## Seminar on Trade Not Aid at NUML, Islamabad

22<sup>nd</sup> February

A seminar on the topic Trade Not Aid followed by a policy discussion on boosting exports was held at NUML Islamabad. Dr. Daniel in an seminar emphasized on the vital role of organic agriculture towards economic development. The value creation of organic food segment can potentially contribute towards rural development, employment generation, food security and livelihood issues, product and markets diversification in international markets, and towards national health system through safe and nutrient food.

Dr. M. Zubair Iqbal, Pro-Rector Research & Strategic Initiatives Division distributed the shields and appreciated all speakers, foreign delegation and organizers of the visit for making valuable efforts towards developing a field of organic food supply chain in Pakistan.



Visit to Smart Wellness Centre, Dr Muhammad Zahoor Uddin, F-8 Markaz

Dr. Daniel visited Dr. Zahoor, founder of smart wellness center, where they were given a tour of the clinic and shown the salt room, a therapeutic treatment that can improve overall health.



## COMSATS Visit & Visit to Vehari

**23<sup>rd</sup> February**

23<sup>rd</sup> February, Delegation led by Dr.M. Farhan Saeed traveled to Vehari. Department of Environmental Science, COMSATS University Islamabad, Vehari campus has organized an international seminar on “Organic farming and its impact on the environment”. The special guest of the seminar was Prof. Dr. Gerold Rahmann director of the Thünen-Institute, and Professor at University of Kassel, Germany, Dr. Daniel Bernhard Neuhoff Senior Scientist from University of Bonn, Germany and Mrs. Klaudia Katharina Rahmann, Researcher at University of Kessel Germany and Mrs Qasim Tareen Chairman Pakistan Organic Association and Prof. Dr. Saleem Farooq Shaukat Director of CUI Vehari campus. The Seminar organizers were P.I, Dr. Muhammad Farhan Saeed, Dr. Hafiz Faiq Saddique Gul Bakhat, Dr. Muhammad Shahid, Dr. Iftikhar Ahmed and Dr Amjad Farooq was the Secretary and the stage host of the event.

The speakers shed light on the scope, possibilities, and challenges of promoting organic farming in Pakistan and the threats posed by climate change. While addressing the seminar Professor Dr. Gerold Rahmann said that organic agriculture should be promoted to ensure safe and healthy food for future generations. It is extremely important that this creates opportunities for exports to the European countries. The core purpose of seminar was to provide awareness among progressive farmers, faculty. Organic farming has potential in

Pakistan and an environmentally sustainable way of crop production with good management and cultural practices. There is need for training and awareness on best performance irrigation system, supply chain, marketing and prevailing organic farming techniques are being imparted to the farmers. Awareness and sensitization have to be created to reduce the use of chemical fertilizers and pesticides. He further said that at least progressive farmers can grow organic vegetables and fruits on their farms as a model for themselves, which will spread awareness about organic farming in the area. It will be possible to get safe and healthy food for our future generations.

Senior Scientist Dr. Daniel Bernhard Neuhoff while addressing the seminar said that Pakistan need National Organic Agriculture Program, Laws, Regulations, Framework , Labeling and Certification body and we are ready for collaboration with key stakeholders. During the visit to Pakistan and after holding meetings in various institutions. It has been estimated that organic farming has immense potential in this country. Along with conventional farming, organic farming should develop as a component of agriculture in Pakistan. Dr. Daniel Bernhard Neuhoff also answered the farmers' questions.

On this occasion Prof. Dr. Saleem Farooq Shaukat, Director CUI-Vehari thanked the guests. The shields were presented to the guests and seminar organizer and certificates to the students. On this occasion, the German delegation conducted an interactive session with the farmers. In the Interactive discussion session well renowned farmer and livestock expert Mumtaz Khan Manais (Tamgha-i-Imtiaz) discussed many aspects of farming in this area. Moreover, other progressive farmers M. Muhammad Khalid, Hafiz Mahmood Ahmed Shad, Chaudhry Sarfraz Hussain Akhtar , Arsalan Sarfraz, Hasan Sardar Khan has participated.

The German delegation visited the farms of Mumtaz Khan Manais and Chaudhry Imdad Hussain Chattha and appreciated their farming and livestock related initiatives.





## For more details , please contact

Dr. Hasan Ali Mughal

Founder Pakistan Organic Association ([www.pakorganic.org](http://www.pakorganic.org))

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## SEMINAR & TRADE FAIR

# ORGANIC FARMING & SUSTAINABILITY

20<sup>th</sup> FEBRUARY, 2023

9:00 AM  
AUDITORIUM  
PMAS ARID AGRICULTURE UNIVERSITY RAWALPINDI



**Prof. Dr. Gerold Rahmann**  
Director  
THÜNEN INSTITUTE GERMANY



**Prof. Dr. Qamar Uz Zaman**  
Vice Chancellor  
PMAS ARID AGRICULTURE UNIVERSITY RAWALPINDI



**Organic Farming**

Manures, Vermicompost, Green leaf Manures, Crop Rotation, Biofertilizers, Animal Husbandry, Biological management



**Dr. Daniel Neuhoff**  
St. Scientist  
UNIVERSITY OF BONN, GERMANY



**Qasim Taroen**  
Chairman  
PAKISTAN ORGANIC ASSOCIATION

**Organized By:**

**Dr. Hasan Ali Mughal** (POA Organic Food Supply Chain & Marketing) / **Dr. Saqib Majeed** (Director, External Linkages PMAS, ARID) / **Dr. Muhammad Zahoor** (CEO BIOORGANIC & WHOLEFOODS)

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## PANEL DISCUSSION

# ORGANIC AGRICULTURE & ECONOMIC DEVELOPMENT

20<sup>th</sup> FEBRUARY, 2023

2:00 PM

**ALLAMA IQBAL OPEN UNIVERSITY (AIU)**  
Department of Agricultural Sciences Block#6, H-8/2, Islamabad



**Prof. Dr. Gerold Rahmann**  
Director  
THÜNEN INSTITUTE GERMANY



**Prof. Dr. Nasir Mahmood**  
Vice Chancellor  
ALLAMA IQBAL OPEN UNIVERSITY (AIU)



**Dr. Daniel Neuhoff**  
St. Scientist  
UNIVERSITY OF BONN, GERMANY



**Organic Agriculture & Economic Development**

Policies, Linkages, National Health System, Organic Food Laws, Cost Effective Farming, Rural Development, Environmental Friendly, Organic Certification



**Dr. Muhammad Zahoor**  
CEO  
BIOORGANIC & WHOLEFOODS



**Dr. Saad Qassem**  
Advisor, Organic Certification  
Expert Group



**Waqas Ahmad**  
CEO  
ATOM GURBA (EAGRA)

**Organized By:**

**Dr. Hasan Ali Mughal** (POA Organic Food Supply Chain & Marketing) / **Shahid Minhas** (Training Manager, SDPI) / **Prof. Dr. Sher Muhammad** (Chairman Agriculture & Horticulture, AIU)

[www.pakorganic.org](http://www.pakorganic.org)

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Prof. Dr. Gerold Rahmann  
Member  
THÜNEN INSTITUTE GERMANY

Prof. Dr. Nasir Mahmood  
Vice Chancellor  
ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD

Dr. Daniel Neuhoff  
Sr. Scientist  
UNIVERSITY OF BONN, GERMANY

# PANEL DISCUSSION ORGANIC AGRICULTURE & ECONOMIC DEVELOPMENT

20<sup>th</sup> FEBRUARY, 2023

2:00 PM

**ALLAMA IQBAL OPEN UNIVERSITY (AIU)**  
Department of Agricultural Sciences Block#6, H-8/2, Islamabad



Dr. Muhammad Zahoor  
FOD  
BIOGAMIC & WHOLEFOODS

Dr. Saad Qaseem  
Auditor, Organic Certification  
Expert Group

Waqas Ahmad  
FOD  
AIUO GLOBAL (ISLAMABAD)

Organized By:

**Dr. Hasan Ali Mughal**  
Ph.D Organic Food Supply Chain & Marketing  
Asst. Prof (WU&S)

**Shahid Minhas**  
Training Manager, SDPI

**Prof. Dr. Sher Muhammad**  
Chairman Agriculture & Department - AIUO

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# INTERNATIONAL SEMINAR

"Organic farming and its impact on Environment"  
Date: 23 February 2023 at 2:00 pm  
Venue: Auditorium

**Patron in Chief:**  
**Prof. Dr. Saleem Farooq Shaukat**

**Resource Persons:**

**Prof. Dr. Gerold Rahmann**  
 Professor & Director  
 The Thünen Institute, Germany  
 University of Kassel, Germany

**Dr. Daniel Bernhard Neuhoff**  
 Sr. Scientist  
 University of Bonn, Germany

**Mrs. Kaudia Katharina Rahmann**  
 Researcher  
 University of Kassel, Germany

**Mr. Qasim Tareen**  
 Chairman  
 Pakistan Organic Association

**Organized by:**  
Department of Environmental Sciences

Head of Department: **Dr. Hafiz Faiz Siddique Gul Bakhat**  
 Principal Investigator: **Dr. Muhammad Farhan Saeed**  
 Co-PI: **Dr. Muhammad Shahid**  
 Co-PI: **Dr. Iftikhar Ahmad**