

# Smallholder Farming Panel

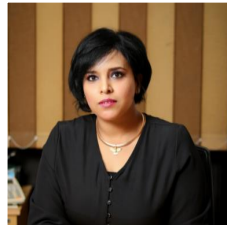
Wednesday 22 June: 11:12 – 11:57 (45 min)

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## With Speakers:



**Sharipov  
Habibullo**  
Better Cotton  
Farmer  
(Tajikistan)



**Mona Kassem**  
Better Cotton Division  
Manager, and Export  
and Impact Manager  
| ALKAN Mohamed  
Nossier for Trading and  
Industry (Egypt)



**Hardeep Desai**  
Head of Farm  
Operations  
| CottonConnect  
South Asia



**Saleena Pookunju**  
Capacity Building  
Manager | Better  
Cotton (India)

## Facilitator:



**Success story of smallholder farmer  
Sharipov Habibullo**

**Tajikistan, Sughd region, J.Rasulov district**

# Overall information about the farmer

- Sharipov Habibullo – 66 year old
- Has agriculture economy education
- Farm organized in 2010 in total area 15 ha
- In 9 ha growing cotton
- Starting from 2016 became Better Cotton Farmer
- Most challenging problem is lack of irrigation water



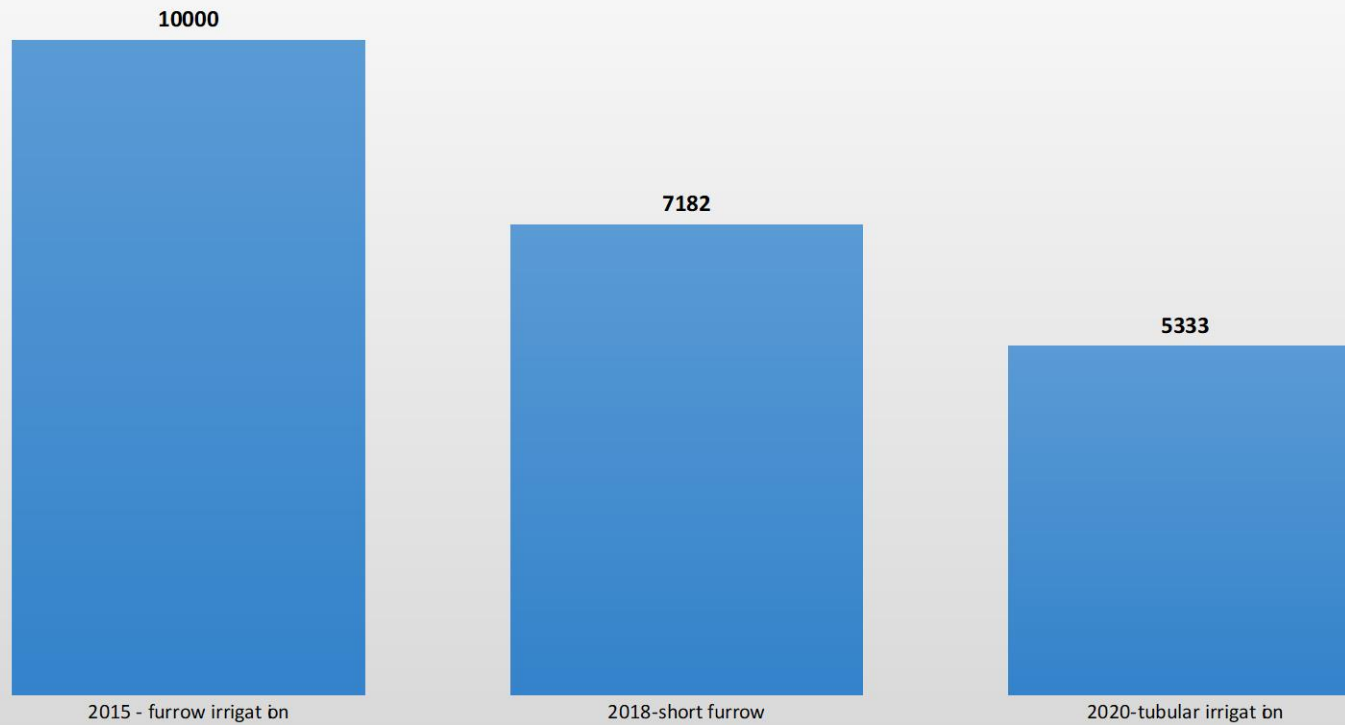
# Implementing water efficient technology

- Before becoming BCI farmer I used ordinary furrow technology of irrigation and for 1 ha of cotton used more than 10 000 m<sup>3</sup> of water
- In 2018 jointly with SAROB (BCI IP) organized demonstration field with short furrow technology of irrigation with using of water measurement devices.
- In 2019 in the same demonstration field was implemented tubular Irrigation

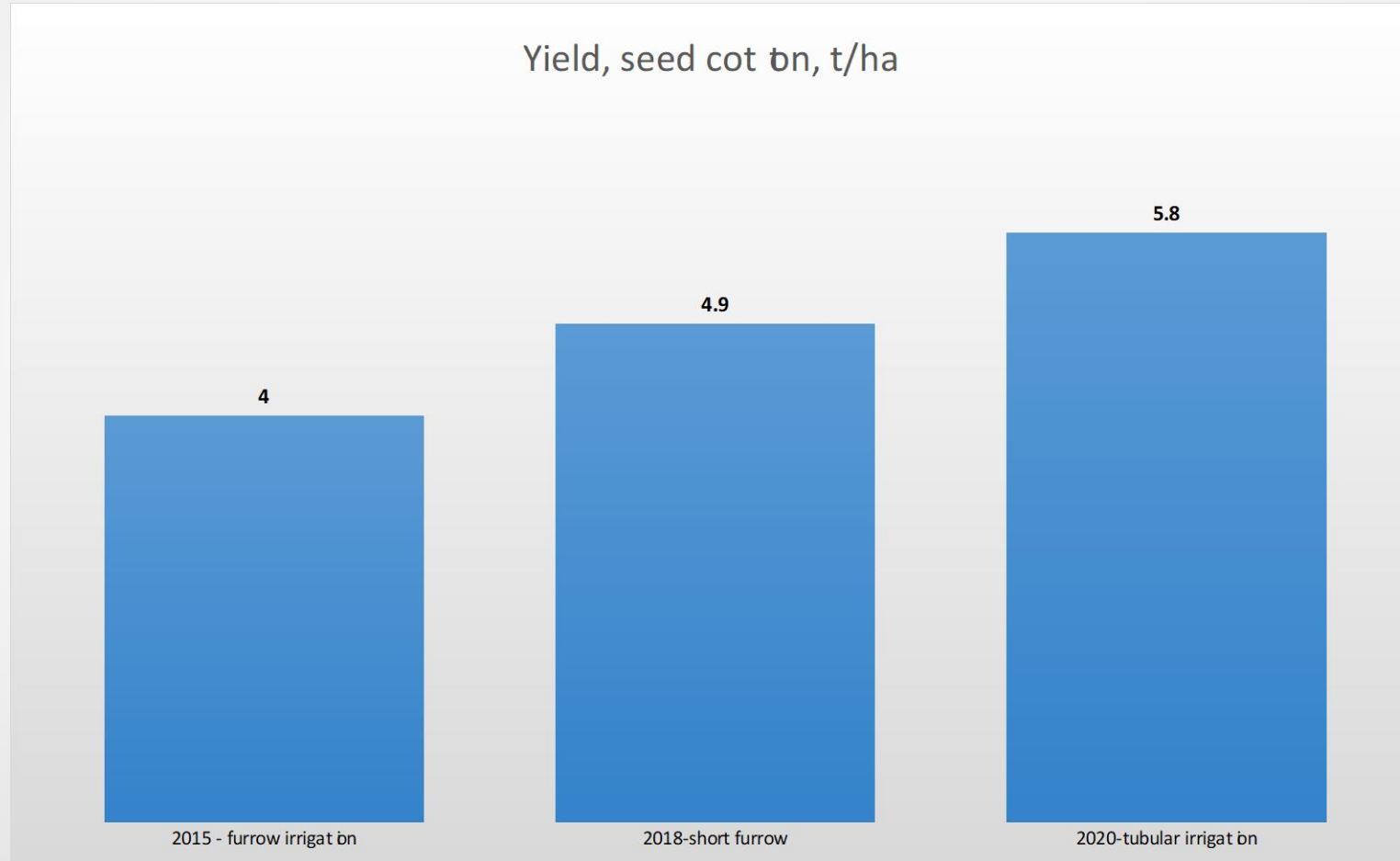


# Result of saving water

Volume of used water for cotton product, m<sup>3</sup>/ha



# Result of saving water and cotton yield



# Smallholder farmer and climate change

- For irrigation is using pumped water with own small power transformer (electrical pump)
- Before the using water efficient technology duration of irrigation was 24 hours an average
- With using tubular irrigation technology the irrigation time is 12 hours an average
- This means that using of pump and electricity is half that of before



# Sharing experience with other smallholder farmers





**Thank you and Tashakkur!**

**Welcome to Tajikistan**



# SMALLHOLDER FARMERS AND CLIMATE CHANGE

**Mitigation and adaption in Egypt**

**Mona Kassem Youssef**

**Export and Import Manager of ALKAN Mohamed Nossier**

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ALKAN Mohamed Nossier for Trading and Industry

6/28/2022

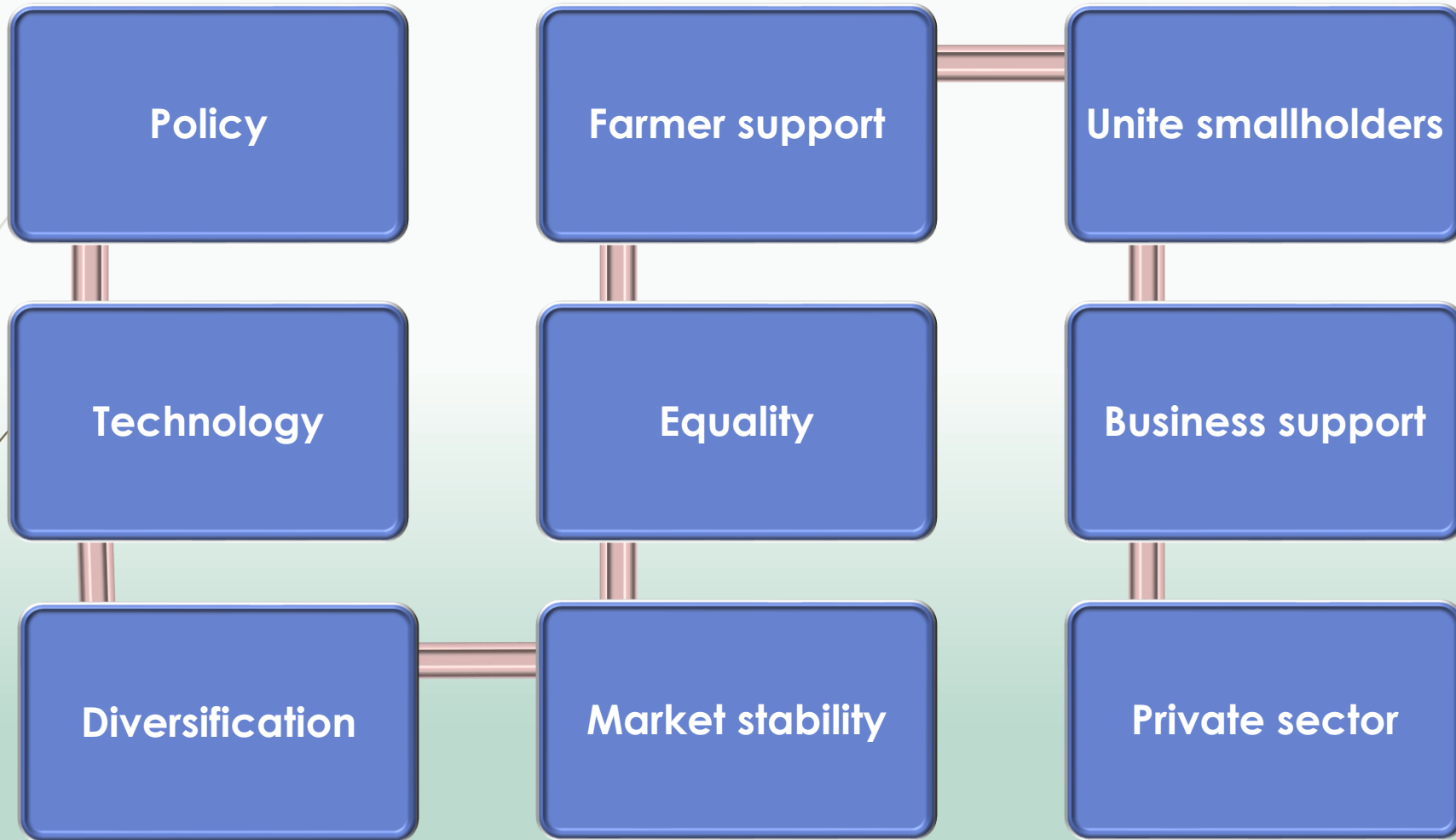


Mohamed Nossier For Trading & Industry

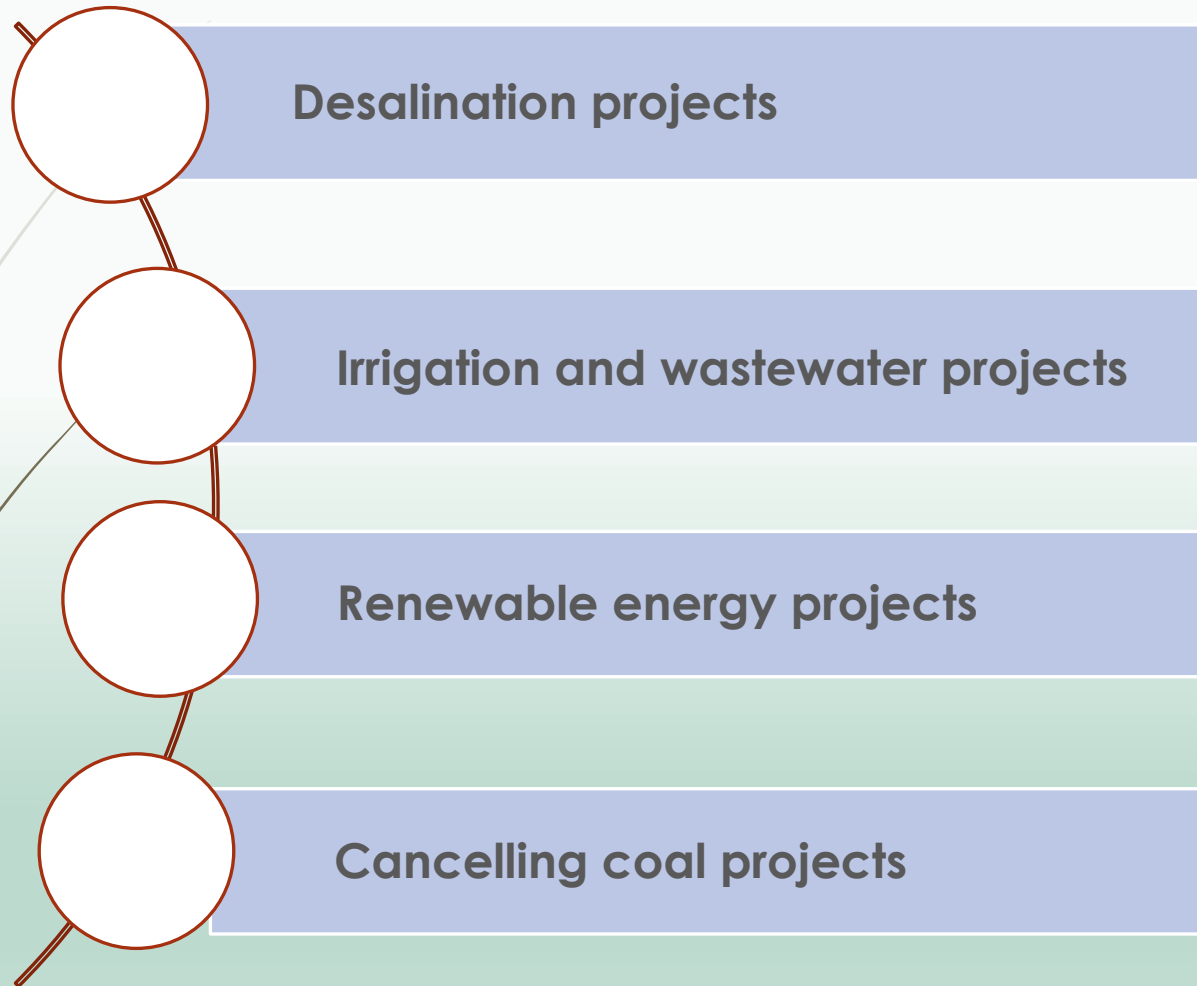
**”All that is valuable in human society depends upon the opportunity for development accorded to the individual.”**

**Albert Einstein**





# Egyptian government climate mitigating efforts





**A canal before lining and rehabilitation – Al Mania governorate**



**And after lining and rehabilitation – Al Mania governorate**



**Al Mahsama agricultural drainage treatment, recycling and reuse plant – Ismailia governorate.**



**Benban Solar Park is a photovoltaic power station – Aswan governorate.**

- **Vertical commitment: UNIDO, ALKAN Group, Smallholders**
- **Renewable energy for yarn plant.**

# Thank You





## Smallholder Farming Panel



**Hardeep Desai**  
Head of Farm Operations at  
CottonConnect South Asia

**COTTON  
CONNECT**



Cotton +  
Climate Action

# Q&A





Cotton +  
Climate Action

Thank you

