



Session 7: Multi-Stakeholder Partnerships

THE IMPORTANCE OF COOPERATIVES AND KONYA SUGAR CORP. AS A SUSTAINABLE DEVELOPMENT MODEL

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Outline

- Cooperatives and the Structure of Konya Sugar
- Konya Sugar Subsidiaries
- Constructing the Bioeconomic System
- Emphasis on Education and R & D
- Projects
- Conclusions

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Cooperatives and the Structure of Konya Sugar

Members of 15 sugar beet producers' cooperatives (approximately 900 000 farmers) are shareholders of **Konya Sugar Industry and Trade Corporation.**

Konya Beet Producers' Cooperative has the highest share of Konya Sugar.

Konya Sugar (Anadolu Birlik Holding) has **45 subsidiaries** comprising different sectors: Food, Agriculture (Plant Production and Animal Husbandry), Chemistry, Energy and Sales (Marketing).

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Agriculture and Stockbreeding

Farms	Feed Factory	Fishing
Agricultural Production	Seed Production	Seedling Production
Fertilizers and Soil Improvers	Energy	
	Powerplants	Renewable Energy Group

Konya Sugar Subsidiaries

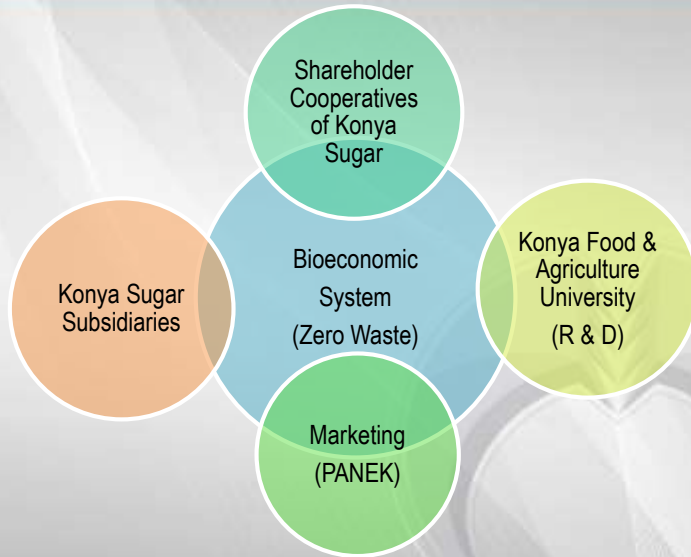
Food		
Sugars	Milk Products	Meat Products
Snacks	Beverages	Traditional Products
Frozen Products	Vegetable Oils	Modern Greenhouse Products
Bulghar Products	Vinegar and Seasonings	Chemistry
		Plastic Production Group
		Metal and Metal Products Group

Sales

Domestic Sales Group Panel	Overseas Sales Group, Exporting	Dijitalizasyon Sales Stores
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Constructing the Bioeconomic System



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Constructing the Bioeconomic System



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Emphasis on Education and R & D

- Konya Food and Agriculture University (KFAU) was established in 2013 by the "Scientific Research Technology Education and Culture Foundation" of Konya Sugar.
- KFAU is the first and only specialised university in the field of food and agriculture, in Turkey (Motto: Transforming knowledge into products).
- The aim of the establishment of KFAU is to serve as a technology production headquarters and the central R & D unit right in the middle of the 45 subsidiaries of Konya Sugar.

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R & D Projects in Progress

Some Striking Examples:

- Breeding of F1 Hybrid Cultivars in Vegetables and Cereals
- Smart Greenhouse (Agriculture 4.0 Applications)
- Development of Mini Robots and Using AI in Agriculture
- Production of Autolised Yeasts and Their Use in Animal Nutrition
- The Use of IVF Techniques to Establish a High Breed Dairy Cow Herd
- The Use of Cistus spp. Extract as a Natural Antioxidant Preservative During Shelf Life of Sausages

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Conclusions

- Agricultural support for the farmers of the region
- Contribution to the training of farmers
- Increasing welfare of the farmers by increasing their income
- Contribution to the production of different products by the use of by-products of sugar beet (i.e., zero waste investment planning)
- Contribution to prevention of immigration from rural areas to urban areas
- Contribution to prevention of unemployment by creating field of employment



Thank you for your attentions

H. Özkan Sivritepe