OUTLINE

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ABOUT JUHAYNA
JUHAYNA FOOD INDUSTRIES is a leading Egypt-based manufacturer specialized in the production, processing and packaging of DAIRY, JUICE, and COOKING PRODUCTS.
OUR FOURTH CATEGORY
PLANT BASED
CONSUMER’S KEY DRIVERS FOR PLANT-BASED PRODUCTS

1 Health Reasons
- Lifestyle: want to reduce dairy consumption
- Weight management
- Gut health: cow’s milk may cause lactose intolerance or a protein allergy

2 Environmental Reasons
More sustainable, environmentally friendly

3 Ethical Reasons (animal rights)
Vegan

Reasons for avoiding animal products, by age, February 2019
"Which of the following statements apply to you?"

Source: https://clients.mintel.com/report/power-to-the-plants
JUHAYNA TODAY

- 200+ SKU's
- 1,000 Vans & Trucks
- 7,000 Livestock
- 4 Operating Factories
- 38 Distribution Centers
- 136,000 Points of Sales
- 9M Packs/day
JUHAYNA’S SUSTAINABILITY JOURNEY
HOW DID WE START?

• We have been aligning our operations with sustainable **ENVIRONMENTAL, SOCIAL AND GOVERNANCE FRAMEWORKS**.

• We adopted creating shared value **(CSV)**; a principle that lives within the core of our business model and is embedded in the way we work.

• Our focus has been set on forming strategic collaborations with industry peers, business partners and other key stakeholders to promote long term solutions that positively impact the societies where we operate.

• In 2017, we became a participant of **UN Global compact** the world's largest corporate sustainability initiative supporting companies in aligning strategies and operations with ten principles on human rights, labor, environment and anti-corruption.

• In all our communication we highlight how our CSV pillars link to **United Nations Sustainable Development Goals** (SDGs). This connection has helped us better understand our socioeconomic contribution in areas where we operate.
We took our efforts a step further and published our first **SUSTAINABILITY REPORT** for the period 2016-2018. Which allowed us to make necessary strategic adjustments to our internal and external policies and helped achieve the balance between our ambitious expansion and the development of our community along the way.

• Started working on calculating our carbon emissions (CARBON FOOTPRINT REPORT 19’)
• Expanded the scope of all existing policies to include Sustainability Principles and Frameworks
• Trained a core team of Sustainability Champions across the key functions to coordinate, with the Sustainability Department
• Applied energy efficiency programs
OUR SUSTAINABILITY STRATEGY

As we transform the way we operate, we further align our strategies with multiple sustainable environmental, social, and governance frameworks, which has resulted in the principle of creating shared value (CSV) becoming central to our development. This principle is now at the core of our business model and has helped us evolve our corporate and social strategies to improve our offerings to all stakeholders across our value chain and extend them beyond social contribution services. Our strive for positive change is now enrooted in all facets of our operations, while decreasing our footprint and increasing our social impact, we look to continue being an active member of our community.
ENERGY PROJECTS IMPLEMENTED
Through UNIDO’s technical support, the 4 companies have implemented the Energy Management System (EnMS) and System Optimization projects.

**Industrial Energy Efficiency Project**

**Egycool Energy Efficiency Project**

**CASE AND EFFECT: EGYPT**

**Case Study of Egycool Food Company**

Implementing SAOS in Egycool in the way and for the benefits of Modern Food Industries. As one of the leaders in the Gulf in the use of technology, the company is still looking for higher efficiency and optimum utilization of resources. Adoption of SAOS has provided the management with the required tools to ensure the efficient use of energy and to identify, study and follow up energy saving opportunities. Consequently, the framework set this objective for the energy consumption. Applying the stringent procedures of SAOS in our own energy efficiency contribute to achieving the leading competitive position of the company in the Middle East.

**Industrial Energy Efficiency Project**

**Compressed Air System Optimization**

**CASE AND EFFECT: EGYPT**

**A Case Study of Egycool Food Company**

Implementing SAOS in Egycool in the way and for the benefits of Modern Food Industries. As one of the leaders in the Gulf in the use of technology, the company is still looking for higher efficiency and optimum utilization of resources. Adoption of SAOS has provided the management with the required tools to ensure the efficient use of energy and to identify, study and follow up energy saving opportunities. Consequently, the framework set this objective for the energy consumption. Applying the stringent procedures of SAOS in our own energy efficiency contribute to achieving the leading competitive position of the company in the Middle East.

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Through UNIDO technical support, potential energy and cost savings are calculated for the installation of Solar Water Heaters (SWH)

<table>
<thead>
<tr>
<th></th>
<th>Energy saved (GJ/Y)</th>
<th>Fuel Saved (m3/Y)</th>
<th>Expenses Saved (LE/Y)</th>
</tr>
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<tbody>
<tr>
<td>Juhayna Egy foods</td>
<td>1,807</td>
<td>56,835</td>
<td>177,324</td>
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<tr>
<td>Juhayna El-Marwa</td>
<td>1,453</td>
<td>38,242</td>
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<td>Juhayna El-Dawlya</td>
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<td>37,583</td>
<td>117,260</td>
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<td>Juhayna EL-Masrya</td>
<td>2,252</td>
<td>129,464</td>
<td>403,926</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>817,825</strong></td>
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## SAVINGS

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<th>Service</th>
<th>Savings (Units)</th>
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<td>Gas</td>
<td>635,175</td>
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<td>Water</td>
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## SAVINGS IN MONEY

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<th>Service</th>
<th>Savings (Money)</th>
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<td>Electricity</td>
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<tr>
<td>Gas</td>
<td>1,905,525</td>
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<td>Water</td>
<td>519,000</td>
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## TOTAL

12,069,327.82
CHALLENGES
MAIN CHALLENGE FOR 2020 WAS CORONA VIRUS

- WORKING HOURS WERE REDUCED, WHICH LED TO CONSUMING MORE ENERGY. YET, LESS PRODUCTION
- By 2022, all of our factories are expected to have made a full transition to the use of LED lighting

- Solar shades will be installed at Egyfood by the end of 2021