



iktva

In-Kingdom Total Value Add

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iktva Localization Evolution

Improve reliability and develop globally

competitive industrial base



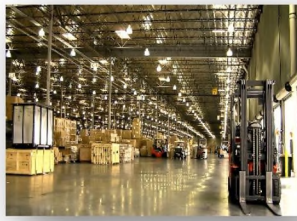
Manufacturing & Engineering

- Assembly and packaging
- Engineering capabilities



Service Suppliers

- Spare parts inventory
- Local service facility



Traders

- Shipping & customs clearance
- Expediting services



iktva Development



**Benchmarked with
other programs**



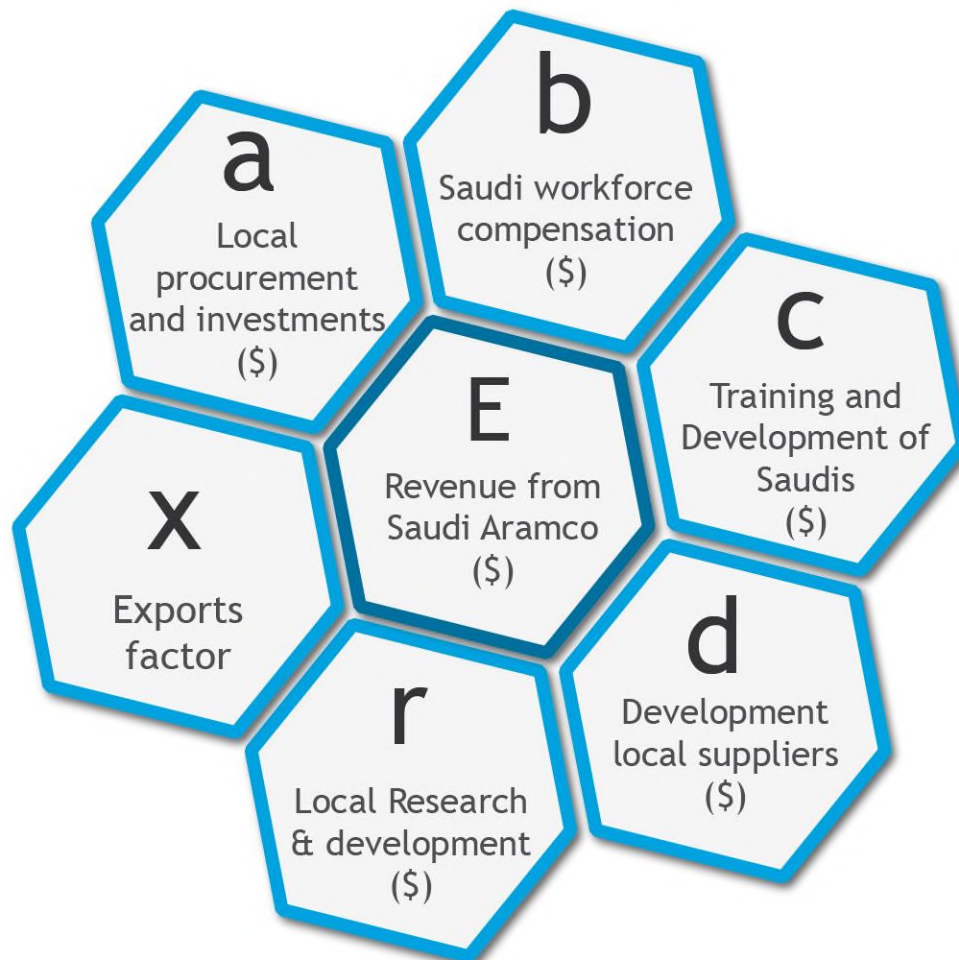
**Co-developed
with the suppliers**



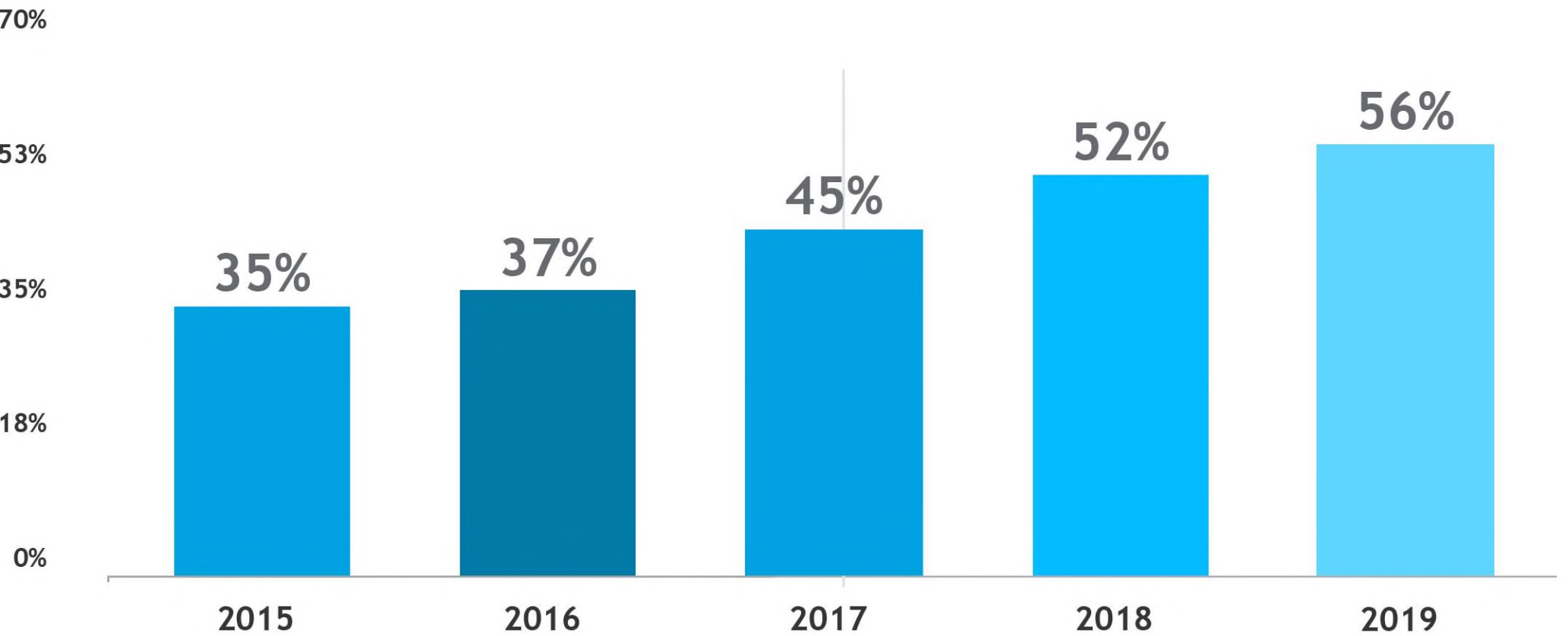
**3rd Party
Assessment**

iktva Formula

$$\text{iktva} = \left(\frac{a+b+c+d+r}{E} \right) + X$$



iktva Scores



iktva in Procurement



iktva Action Plan Pillars



Execute iktva action plans with 100 major suppliers

Offshore

Oilfield Services

Construction

Industrial Equipment



ibilities
ngdom
of Saud



-
-
-
- Developing local SMEs
- Performing R&D activities
- Exporting from the local industrial base

Anchor Projects and Industrial Park

HALLIBURTON EMERSON

Workforce Development

BAKER HUGHES a GE company

YOKOGAWA

Schlumberger MCDERMOTT

Investments Opportunities

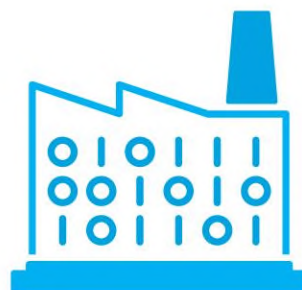


170 Business Opportunities

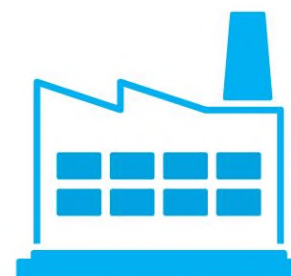
468 Investments



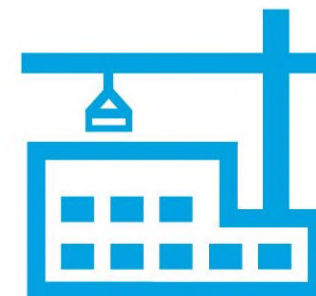
25 Countries



Covering 10
Industrial Sectors



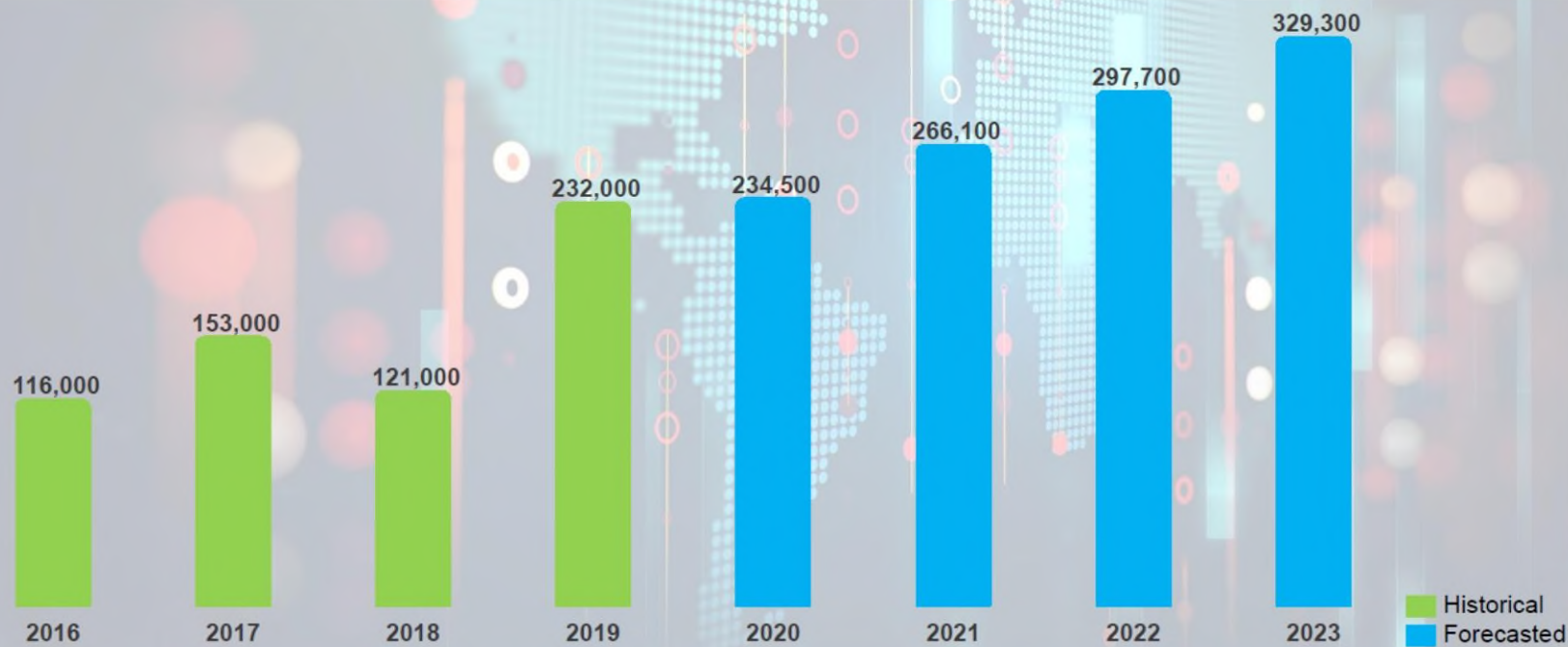
59 Investments
Completed



49 Under
Construction

Investments Opportunities - Environmental

Historical and Forecasted demand for Industrial Waste in (Tons)

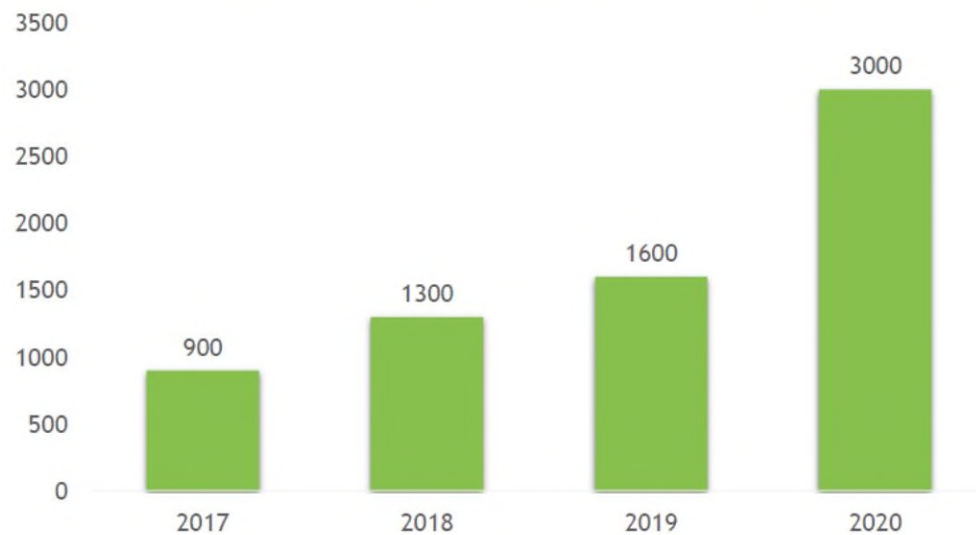


Saudi Aramco's Historical and Forecasted demand for Industrial Waste in (Tons) excluding Drilling and Workover waste.

Investments Opportunities - Environmental

Saudi Aramco Radioactive Source Inventory

Radioactive Source Inventory



There is a significant increase in the use of radioactive material in Saudi Aramco operations. This inventory requires services to ensure the safety of workers, the security of sources and compliance with Government requirements.

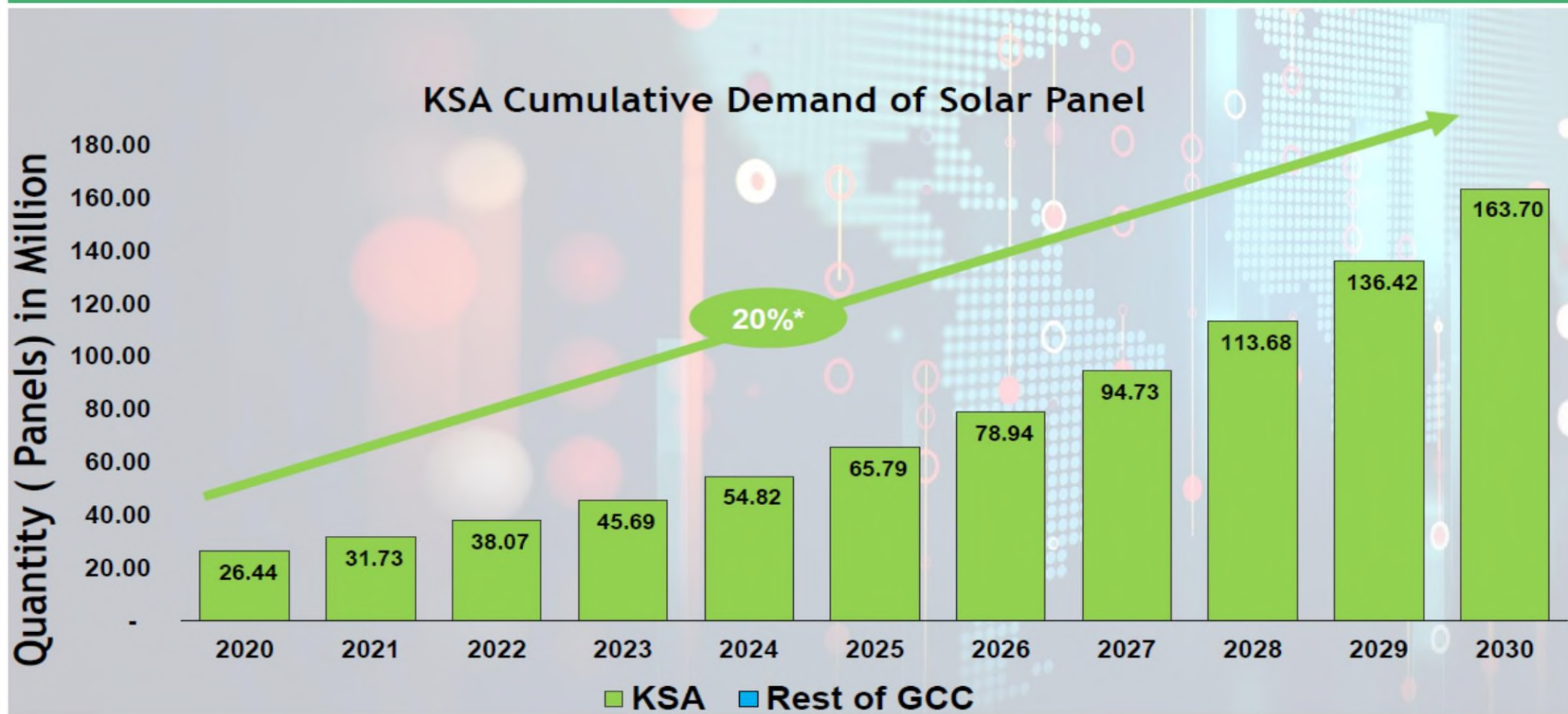
Increase in source inventory increases the workload to ensure safety, security and compliance.

Investments Opportunities - Environmental

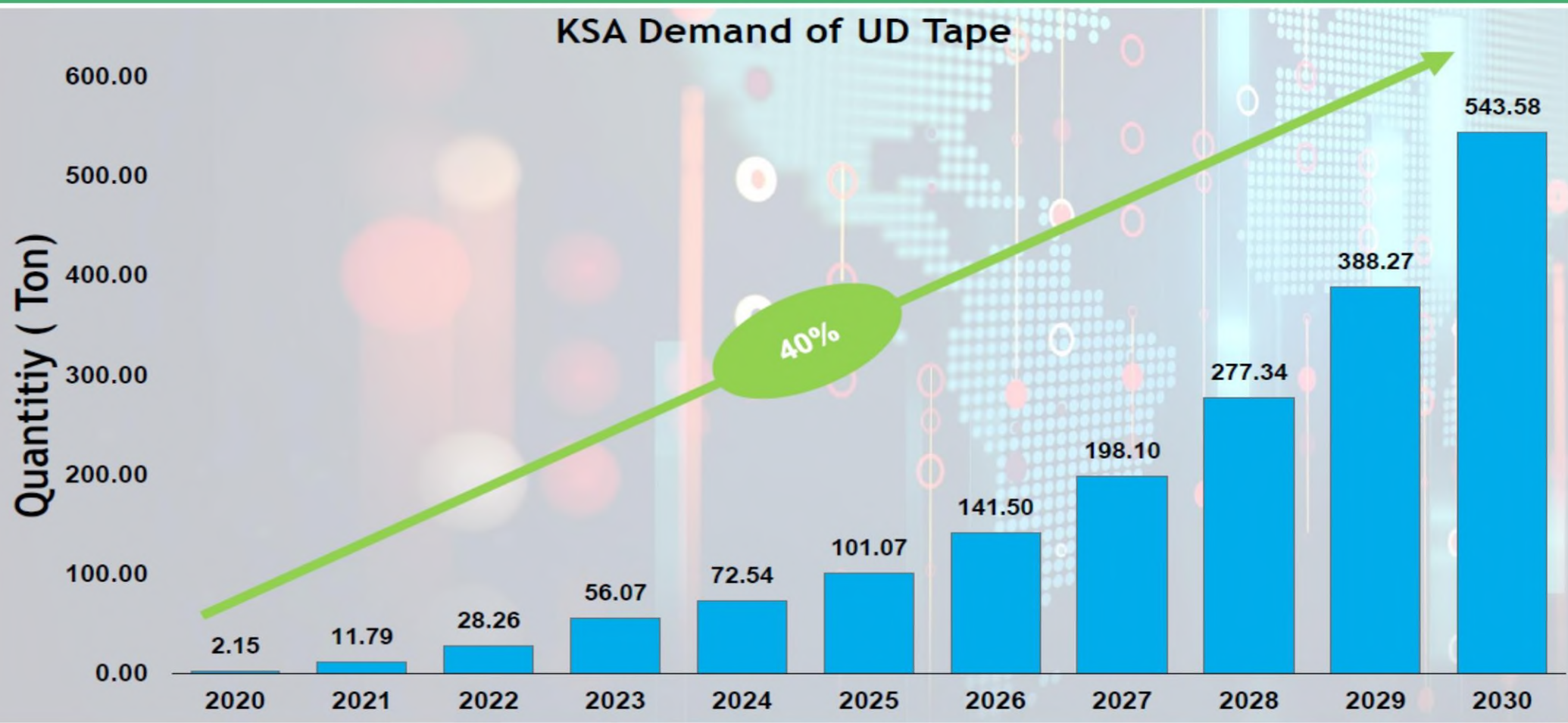
Other Environmental Investment Opportunities:

- **Mobile Waste Management Technologies:** Automatic Tank Cleaning, Recover Hydrocarbons, portable waste analyzers.
- **Management of Special Types of Waste:** Circular Economy and conduct life cycle analysis on waste management.
- **Naturally Occurring Radioactive Material (NORM) Disposal:** Waste inventory to reach 15,000 Cubic Meter (M3).
- **Monitoring & Compliance Assessment Program:** Potential assessments are 90/year for company sanitary sewage treatment plants and 25/year for oily wastewater evaporation ponds.

Investments Opportunities - Nonmetallic in Oil & Gas, Automotive & Renewables



Investments Opportunities - Nonmetallic in Oil & Gas, Automotive & Renewables

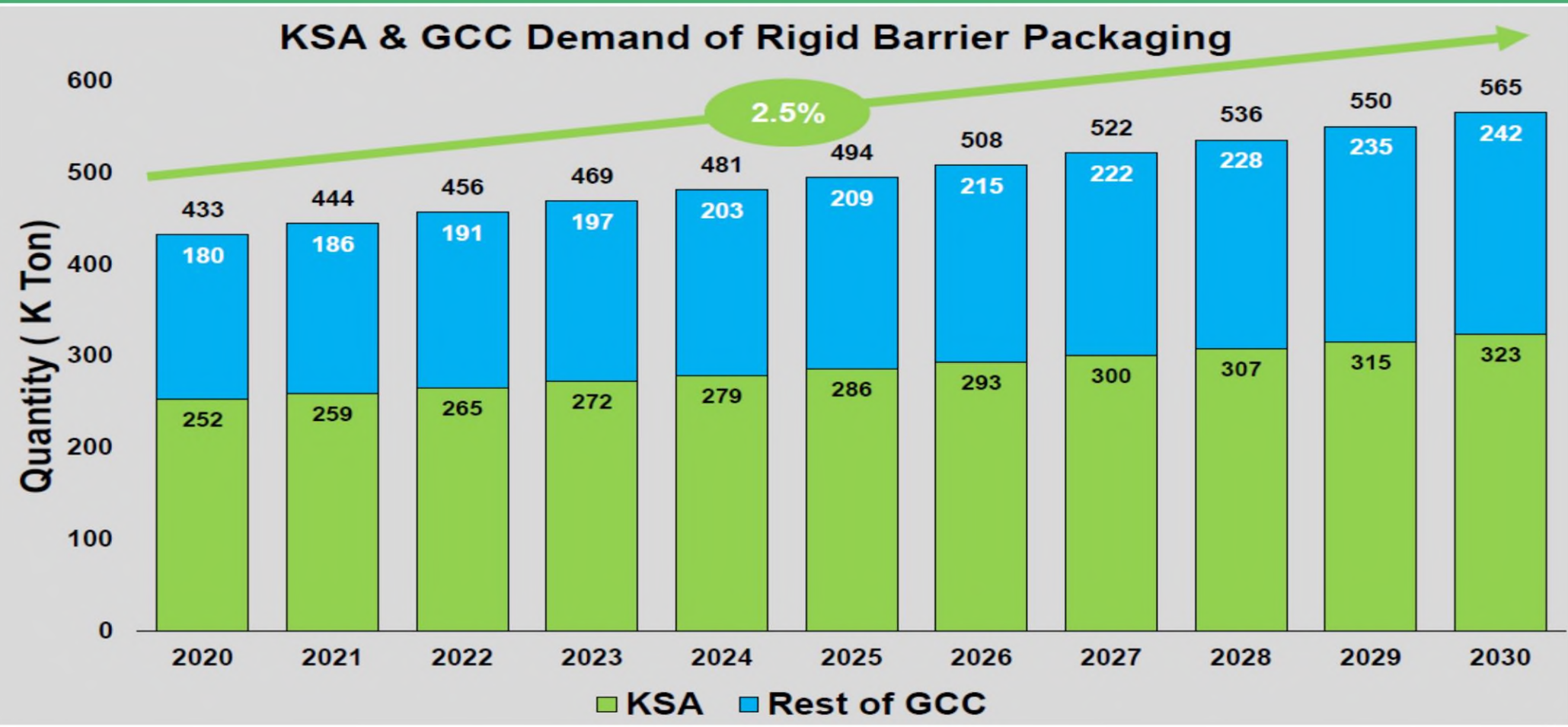


Investments Opportunities - Nonmetallic in Oil & Gas, Automotive & Renewables

Other Nonmetallic in Oil & Gas, Automotive & Renewables Investment Opportunities:

Carbon Fiber:	Saudi demand to reach 700 MM Tons by 2030.
Hydrogen Tanks:	Global demand to reach 2.5 MM Units by 2030
Polycarbonate Glazing:	Global demand to reach 9,600 Tons by 2030.
Lithium Batteries:	Global demand to reach 390 Gigawatt Hours by 2030.
Epoxy:	Saudi demand to reach 12.7 Kilo Ton by 2030.
Solar Renewable Energy:	Saudi demand to reach 41 Gigawatt (GW)/year by 2030.
Cable Racks Renewable Energy:	Saudi demand to reach 164 MM Solar Panels by 2030.
Panel Frames Renewable Energy:	Saudi demand to reach 2.07 MM Tons by 2030.
Wind Renewable Energy:	Saudi demand to reach 16 Gigawatt (GW)/year by 2030.

Investments Opportunities - Nonmetallic in Packaging



Investments Opportunities - Nonmetallic

Other Nonmetallic in Packaging Investment Opportunities:

Plastic Pales:	Saudi demand to reach 92K Tons by 2030.
Plastic Storage Containers:	Saudi demand to reach 59K Tons by 2030.
Crates:	Saudi demand to reach 6K Tons by 2030.
Transport Boxes:	Saudi demand to reach 7.2K Tons by 2030.
Plastic Corrugated Boxes:	Saudi demand to reach 15.4K Tons by 2030.
Pharma Bottles:	Saudi demand to reach 70K Tons by 2030.
Food Packaging:	Saudi demand to reach 54K Tons by 2030.
Stand Up Pouches:	Saudi demand to reach 59K Tons by 2030.
Product Packaging:	Saudi demand to reach 41K Tons by 2030.
Expandable Polystyrene:	Saudi demand to reach 66K Tons by 2030.

Investments Opportunities - Other Sectors

Industrial Investment Program (IIP):

Green Energy Services:

Develop a national champion to provide and market green products such as mangroves, algae, biofuel, animal feedstock and pharmaceutical.

Tail Gas Treatment:

Establish Sulfur Recovery Unit upgrade facilities for SO₂ emission compliance.

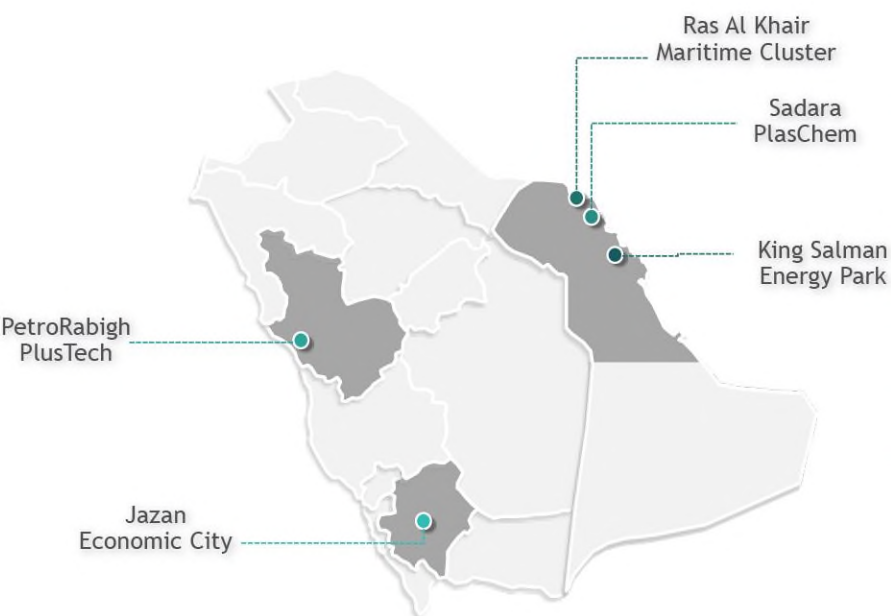
Energy Storage:

Establish industry leading national champions in Energy Storage applications to serve the Kingdom and compete in the global marketplace.

Integrated Waste Management:

Establish a national integrated waste management company, catering to both municipal and industrial waste streams, to reduce reliance on landfill and optimize resources recovery in the Kingdom.

Industrial Parks



SPARK

Area (Sq km): 50

Targeted Industry: Oilfield equipment, IR 4.0, electrical, non metallic, static & rotating, chemicals, logistics and industrial services

Ras Al Khair Maritime Cluster

Area (Sq km): 22

Targeted Industry: Ship building, rig manufacturing, casting and forging, metals and enabling equipment

Sadara PlasChem

Area (Sq km): 12

Targeted Industry: Oilfield chemicals, elastomers & chemical derivatives and conversions

PetroRabigh PlusTech

Area (Sq km): 2.4

Targeted Industry: Plastic, processing, assembling, technology, industrial services and logistics

Jazan Economic City

Area (Sq km): 15.2

Targeted Industry: Heavy industry, medium industry, light industry and logistics



Workforce Development

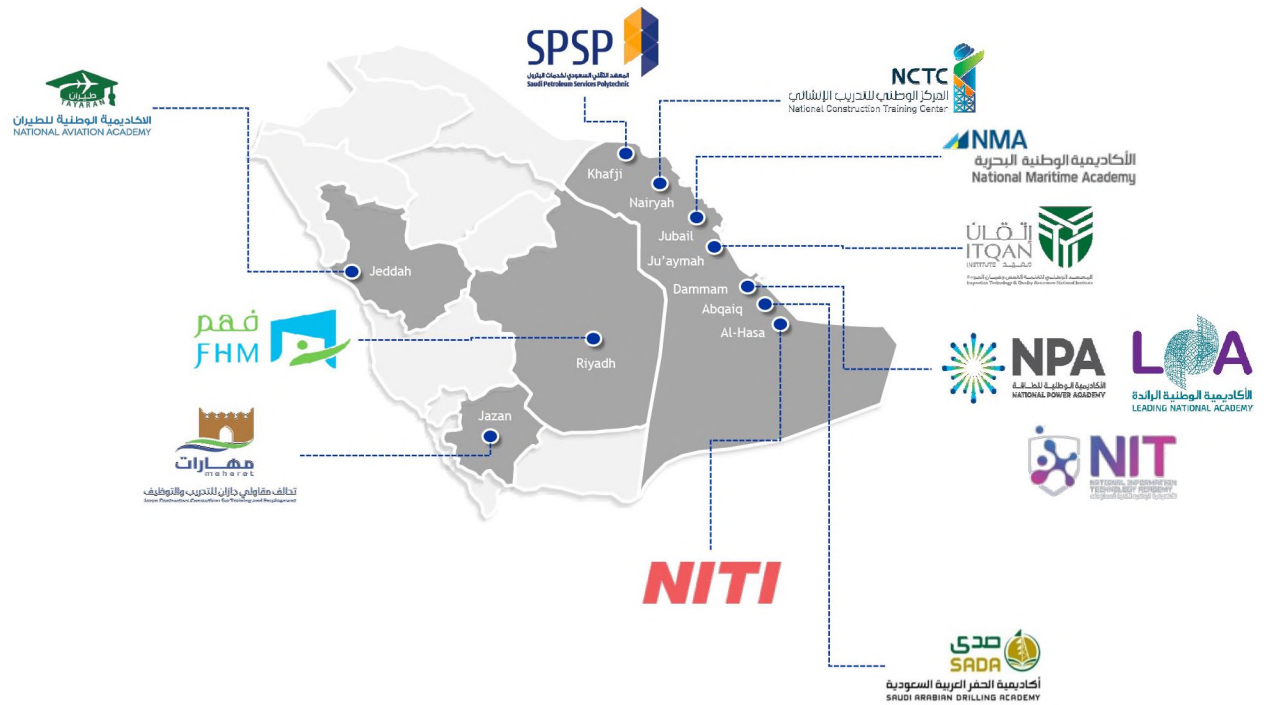


Objective:

Accelerate Job Creation	Build Training Expertise
Support Local Content	Support Industry Growth

Achievements:

	
Established	Graduated
16	24K Trainees





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For more information, please visit <https://iktva.sa/>