



Amnah & Salama's Journey to the Clean Fuels Project



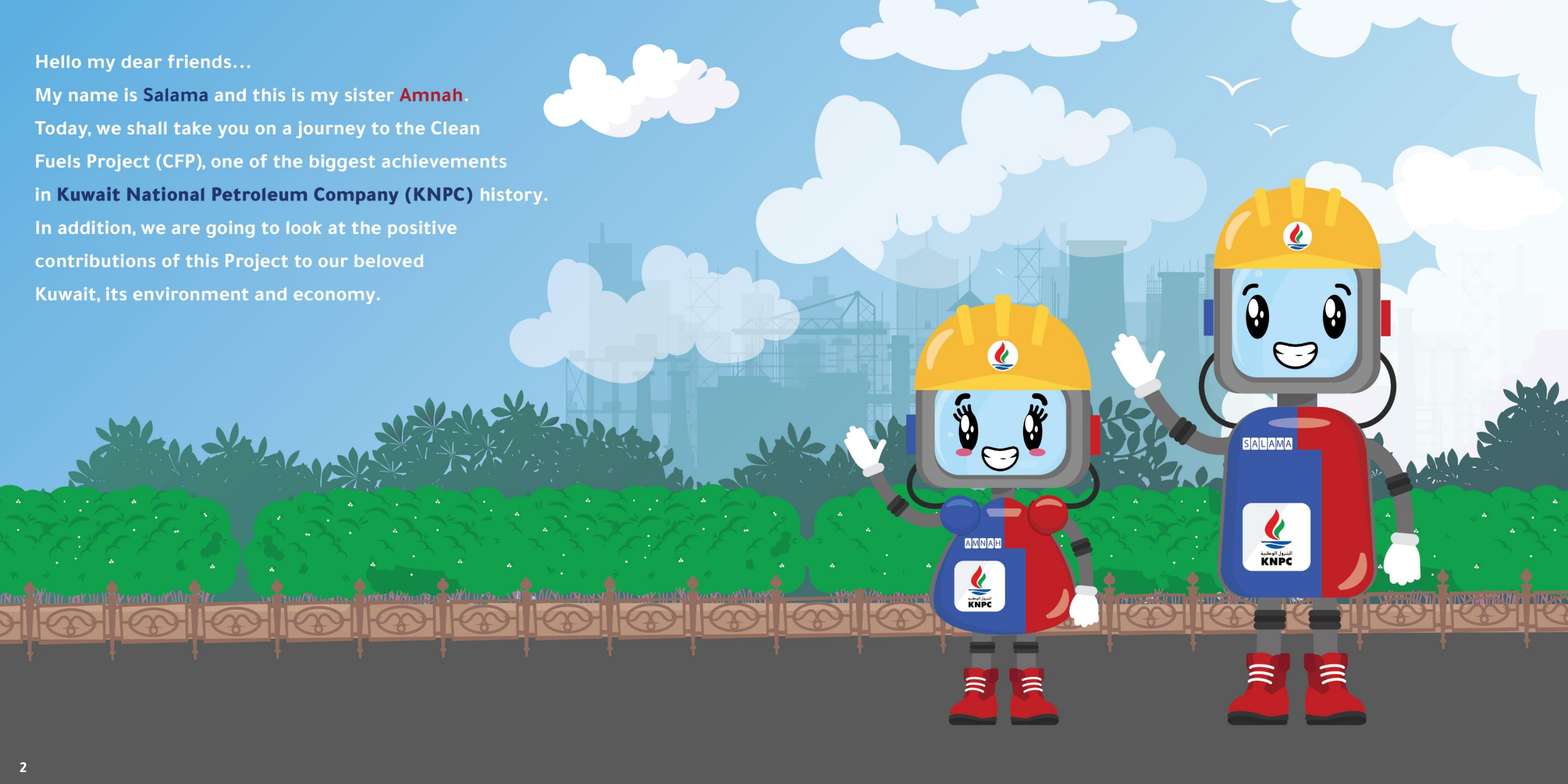
البتترول الوطنية
KNPC

Hello my dear friends...

My name is **Salama** and this is my sister **Amnah**.

Today, we shall take you on a journey to the Clean Fuels Project (CFP), one of the biggest achievements in **Kuwait National Petroleum Company (KNPC)** history.

In addition, we are going to look at the positive contributions of this Project to our beloved Kuwait, its environment and economy.



Salama: Before starting this journey **Amnah**, I want to brief everyone about this major Project.

Amnah: Go Ahead Salama.

Salama: Clean Fuels Project is the biggest in the history of **KNPC** and Kuwait's oil industry.

The Project aimed to develop and modernize Mina Al-Ahmadi (MAA) and Mina Abdullah (MAB) Refineries, allowing them to produce environment friendly petroleum products, which fulfill the international standards and specifications.





Amanah: What is this Modernizing Work **Salama**?

Salama: This massive operation includes the construction of new production Units for refining oil, removing impurities and sulphur, while modernizing and developing the existing Units, as well as building other support facilities.

Click Here or Scan
The QR Code to See
MAA Refinery

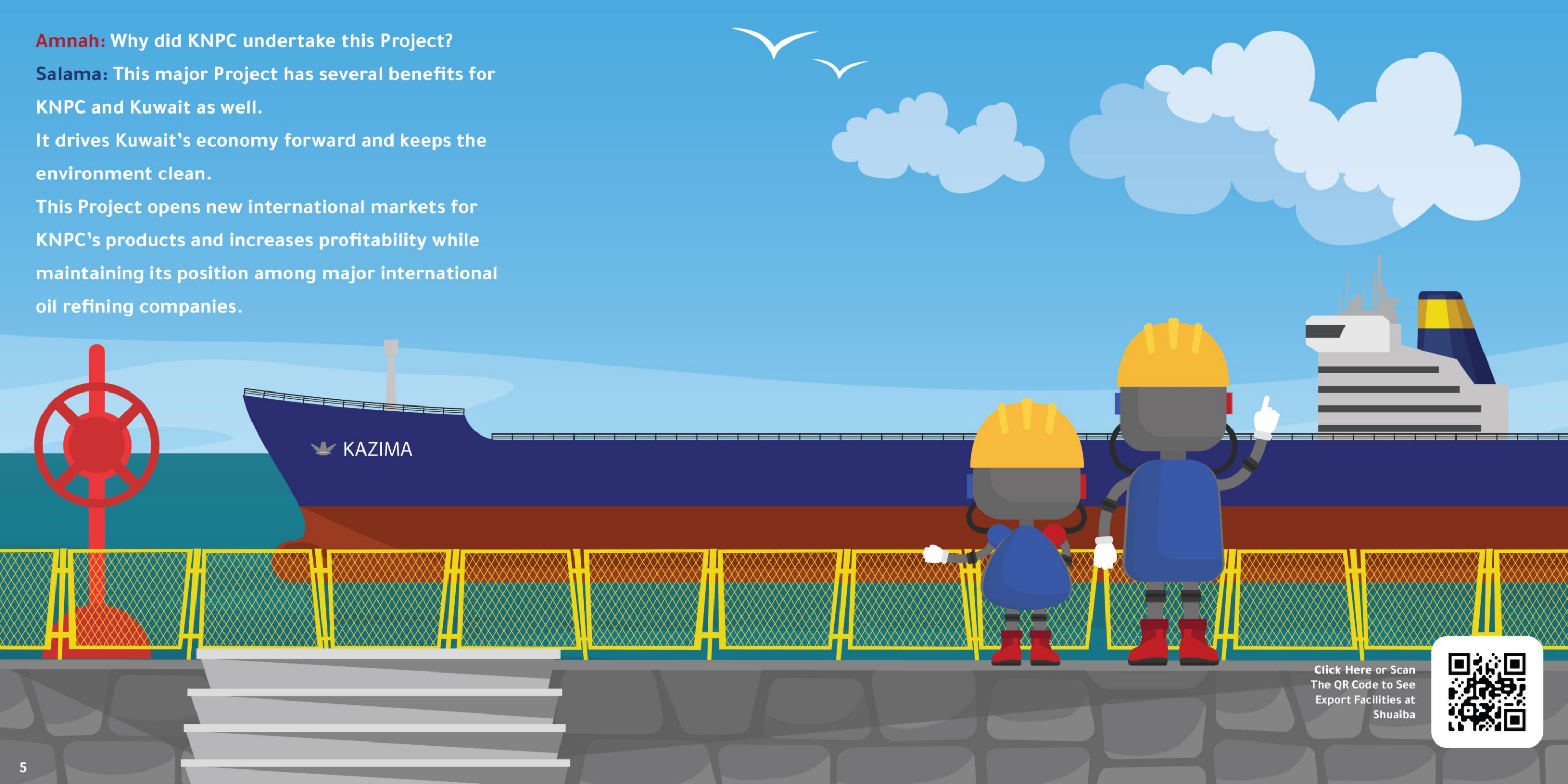


Amnah: Why did KNPC undertake this Project?

Salama: This major Project has several benefits for KNPC and Kuwait as well.

It drives Kuwait's economy forward and keeps the environment clean.

This Project opens new international markets for KNPC's products and increases profitability while maintaining its position among major international oil refining companies.



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Salama: The Project improves the Refinery performance by using less power, reducing production costs, and helps in marketing KNPC products.



Click Here or Scan
The QR Code to See
MAB Refinery



Amnah: Are there other benefits for this Project?

Salama: Of course **Amnah**.

This Project creates more jobs for the Kuwaiti youth and develops their skills.



Amnah: Tell us more about the Clean Fuels Project products as compared to the earlier ones?

Salama: Through this wide development undertaken by KNPC to use the latest refining technologies, our Refineries are now able to convert the heavy and low value by-products to high value quality ones that are in line with the highest international standards and environmental specifications.

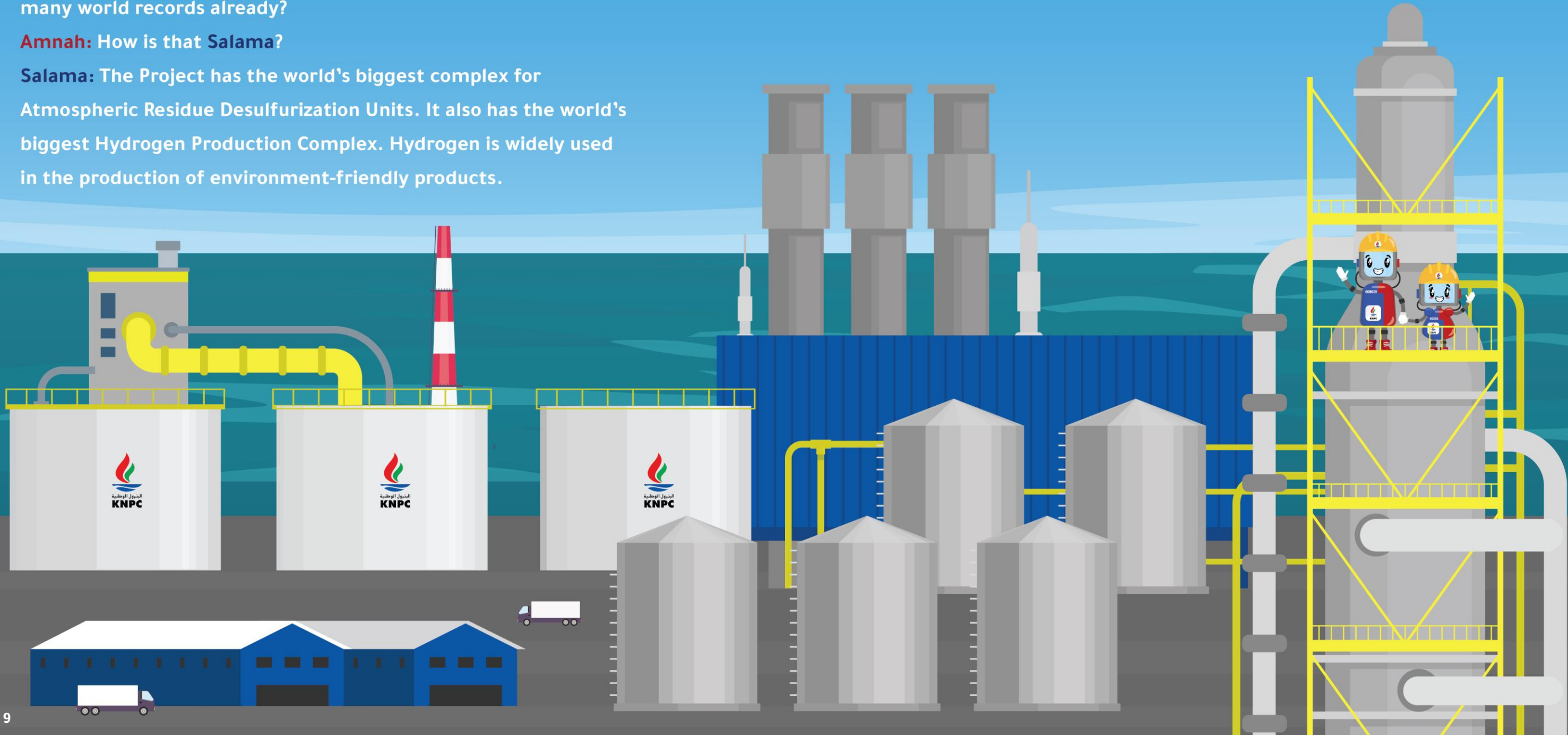
The new Project provides gasoline, kerosene, gas oil and petroleum coke. Such products have low content of Sulphur and other air pollutants. The reduced emissions will have a positive effect on the environment.

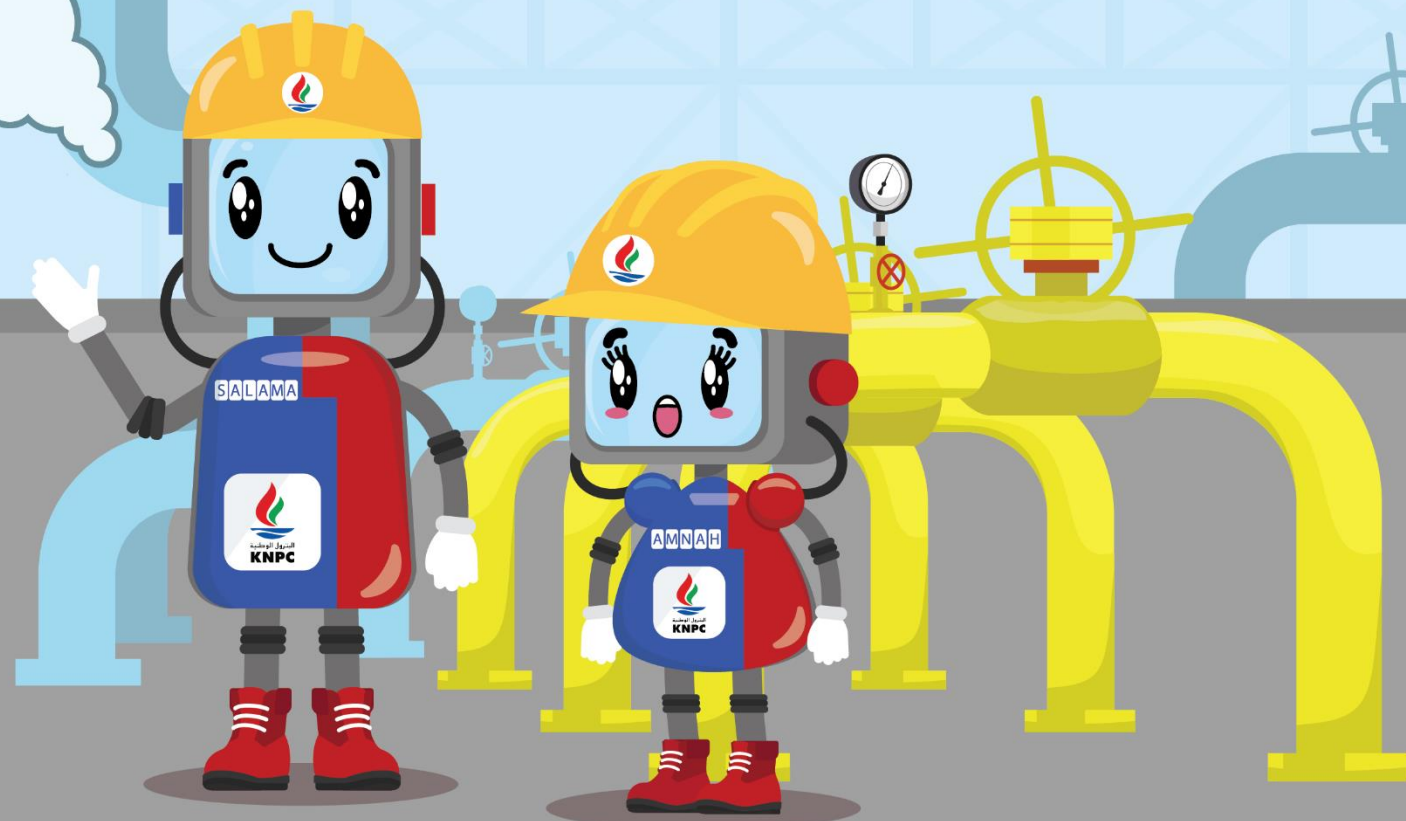
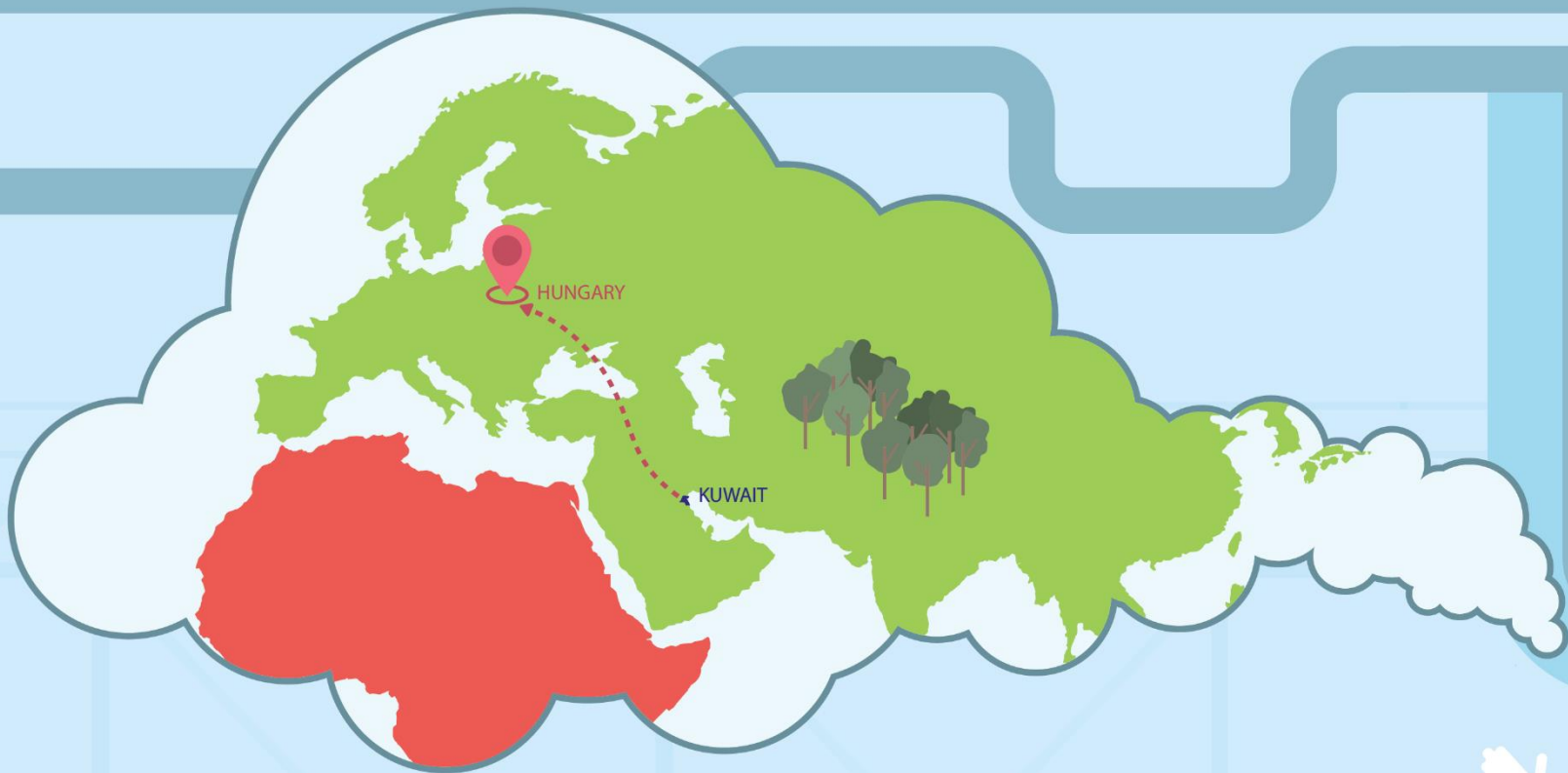


Salama: **Amnah,** Did you know that the Clean Fuels Project has many world records already?

Amnah: How is that **Salama?**

Salama: The Project has the world's biggest complex for Atmospheric Residue Desulfurization Units. It also has the world's biggest Hydrogen Production Complex. Hydrogen is widely used in the production of environment-friendly products.





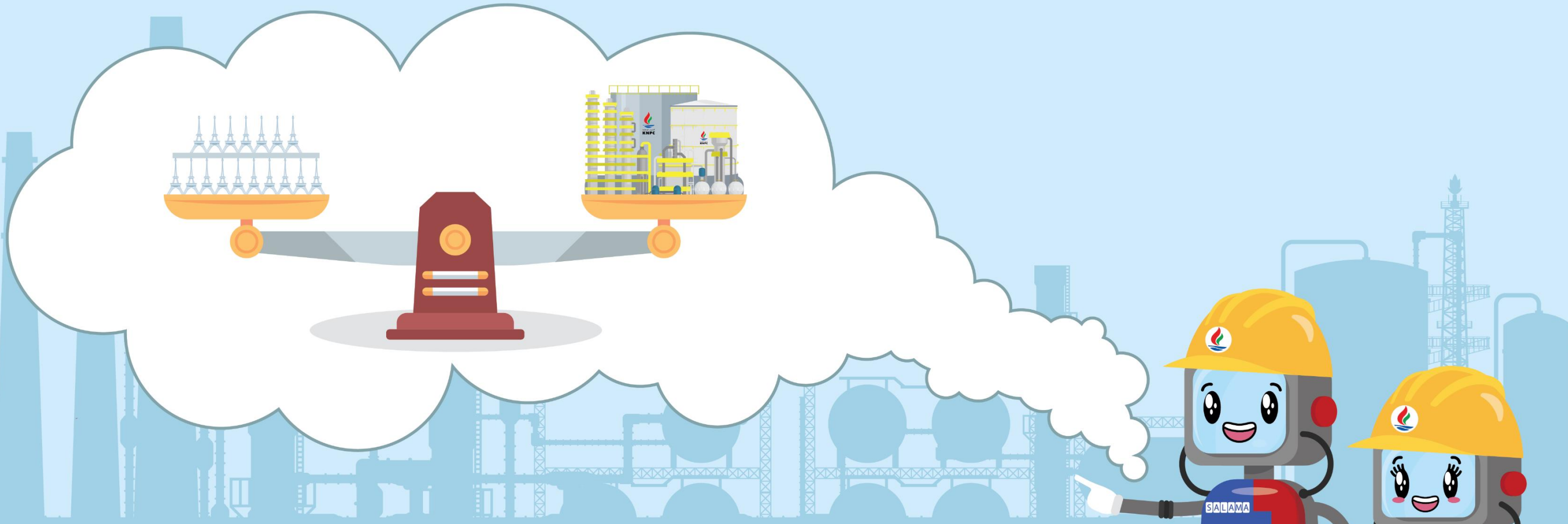
Salama: Maybe you want to know more interesting facts About this Project?

Amnah: Of course!

Salama: With pleasure **Amnah...**

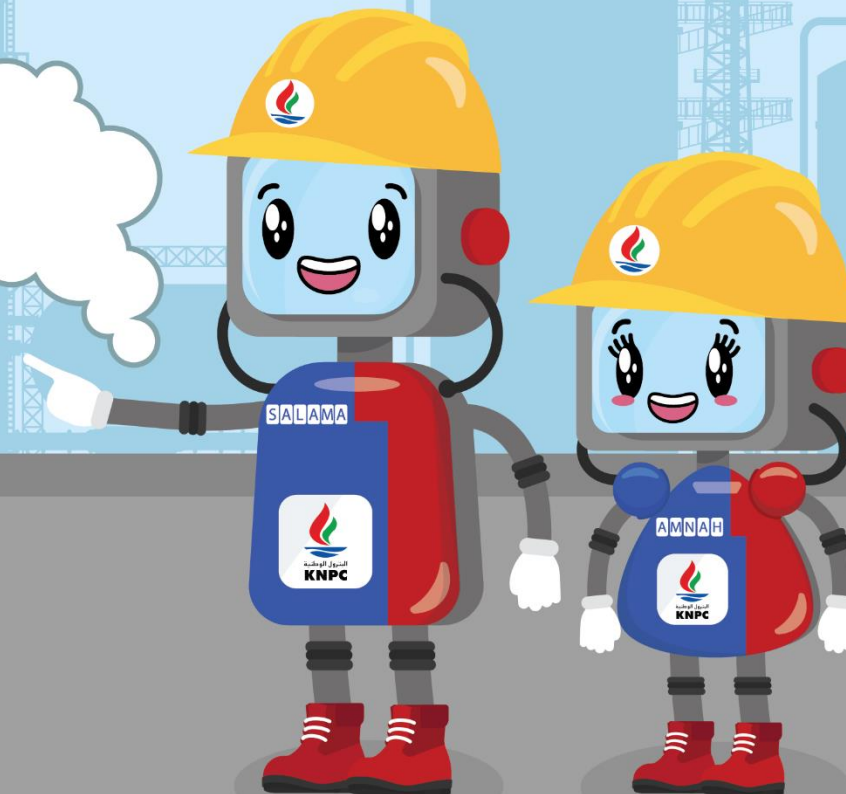
The total area of the Project in both Refineries is 2,400,000 square meters.

Three million meters of pipes were installed, equaling the distance between Kuwait and Budapest, the capital of Hungary.



Salama: As well, 124 thousand tons of steel were used to build this Project. This amount equals 17 times the ones used to build Eiffel Tower in France.

Amnah: It is really a huge Project. I hope it will bring benefits to Kuwait!



Salama: Have you enjoyed our journey **Amnah?**

Amnah: I did for sure. It gave me and my friends a closer look on this major Project.

Salama: How about stopping now by one of the Filling Stations to fill our car with fuel?

Amnah: Good idea **Salama.**

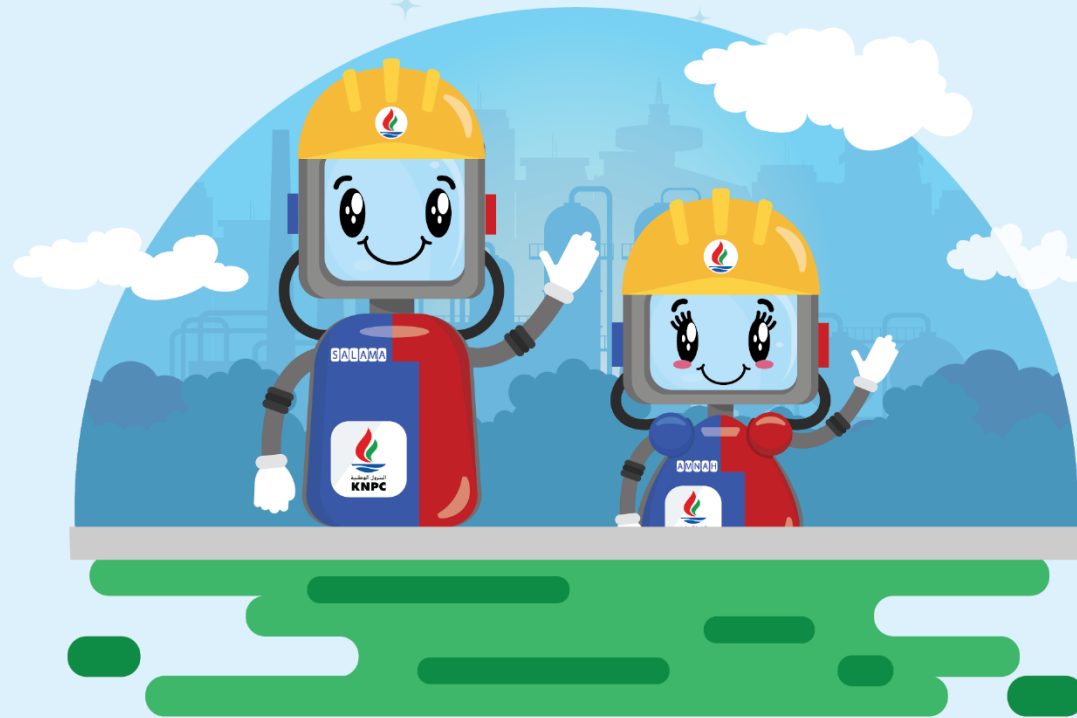


Amnah: Thank you for this interesting journey my dear brother. But, what are those glass panels installed in our Company's Filling Stations?

Salama: These panels utilize the solar power to generate electricity for Filling Station operations. As you can see, our Company is not only interested in providing petroleum products, but also in utilizing clean power to reduce pollution.

Amnah: Thank you for this valuable information **Salama**. I have learned a lot throughout this journey. As of today, I will make sure to take my part in protecting the Environment, similar to what **KNPC** does.





**We Hope You've Enjoyed
This Trip!**

Important Facts

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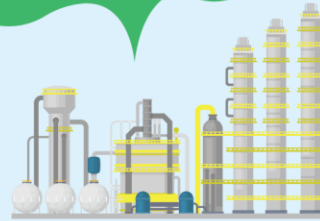
The number of newly built Units in MAA and MAB Refineries

30

The number of current Units developed and modernized in MAA and MAB Refineries

Did you know?

All CFP flares have Sulphur Oxides and Nitrogen Oxides limitation systems



For the first time in Kuwait, a special Unit was built to treat oil solid wastes for conversion into ecofriendly material



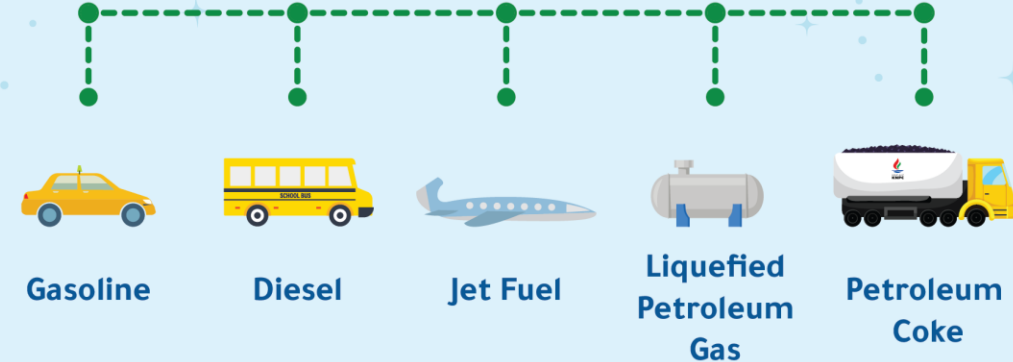
CFP utilities developed systems to protect the environment, such as water treatment and gas flaring systems



South & East Asia and Europe are among the most important international markets that CFP has enabled us to reach

Important Facts

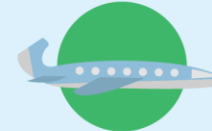
CFP's Most Important Products



Sulphur Content in The New Products



Sulphur content dropped from 500 to 10 ppm in gasoline



Sulphur content dropped from 3000 to 1000 ppm in Jet Fuel

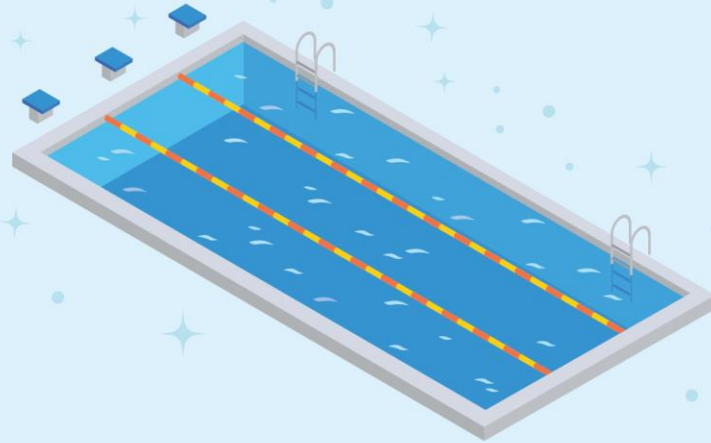


Sulphur content dropped from 500 to 10 ppm in diesel

Important Facts

Did you know?

The size of concrete used in CFP equals the size of 200 Olympic swimming pools



With the successful commissioning of CFP, MAA refining capacity is now **346 MBPD**

MAB refining capacity increased to 454 MBPD after commissioning the Project

During the various stages of execution, the Project's total labor force reached **54.5 thousand workers**



Important Facts

The Project creates job opportunities for Kuwait nationals and enhances the domestic economic development

199 international companies and manufacturers belonging to 23 countries were involved in the making of CFP equipment



CFP places KNPC among the world most competitive and developed refining companies



The project provides the local and world markets with environment friendly products that comply with international specifications

MAA and MAB Refineries new Units utilize state-of-the-art technology in the oil refining industry



Numerous KNPC Employees were trained for commissioning of Units



**Click here or scan The QR Code
To Know More About The Clean
Fuels Project!**



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