

KHALID'S Adventures



DOLPHIN ENERGY / دولفين للطاقة

DOLPHIN
ENERGY

دولفين
للاطاقة





A NEW DAY AT KHALID'S HOUSE

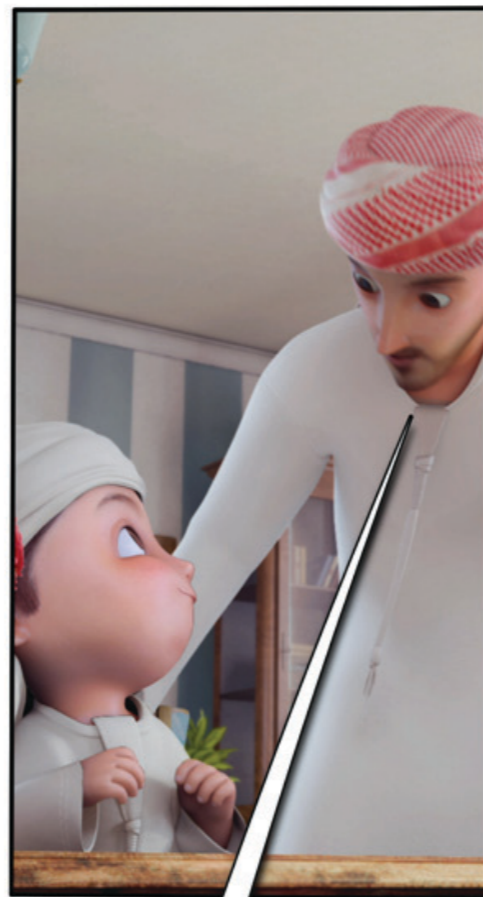


HA HA HAHAHN





KHALID! YOUR PUZZLE IS ALMOST FINISHED. I CAN SEE THE DOLPHIN ALREADY.



I LIKE DOLPHINS ... BECAUSE YOU WORK IN A COMPANY CALLED 'DOLPHIN ENERGY'.



BY THE WAY DADDY, WHAT EXACTLY DO YOU DO AT DOLPHIN ENERGY?



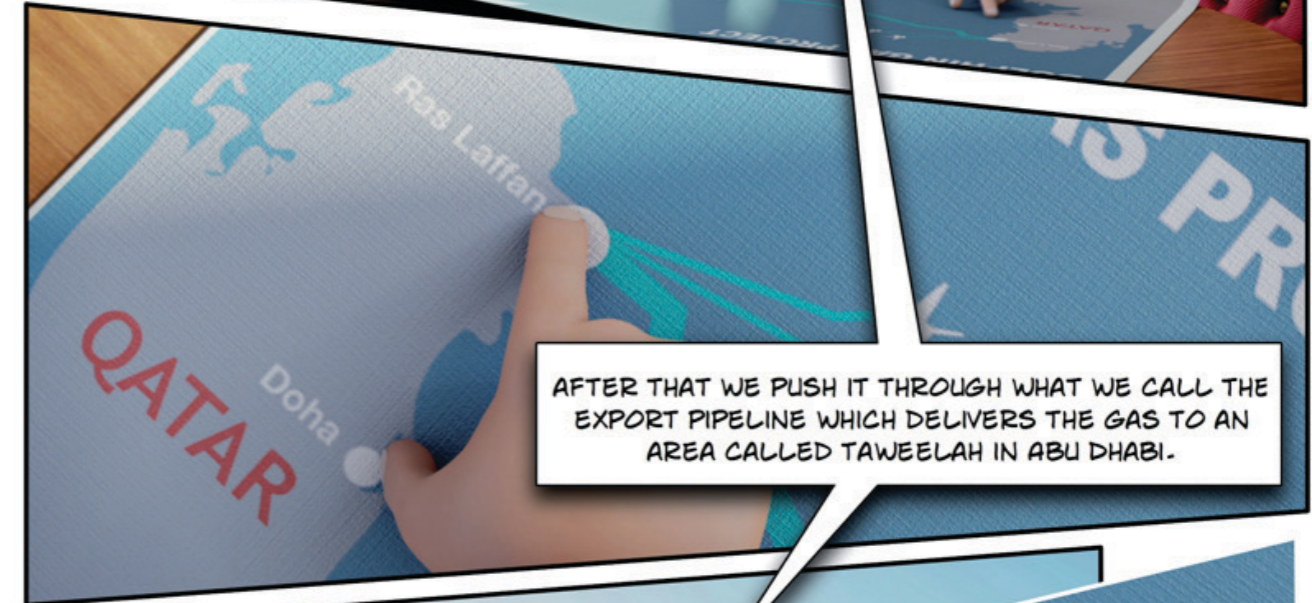
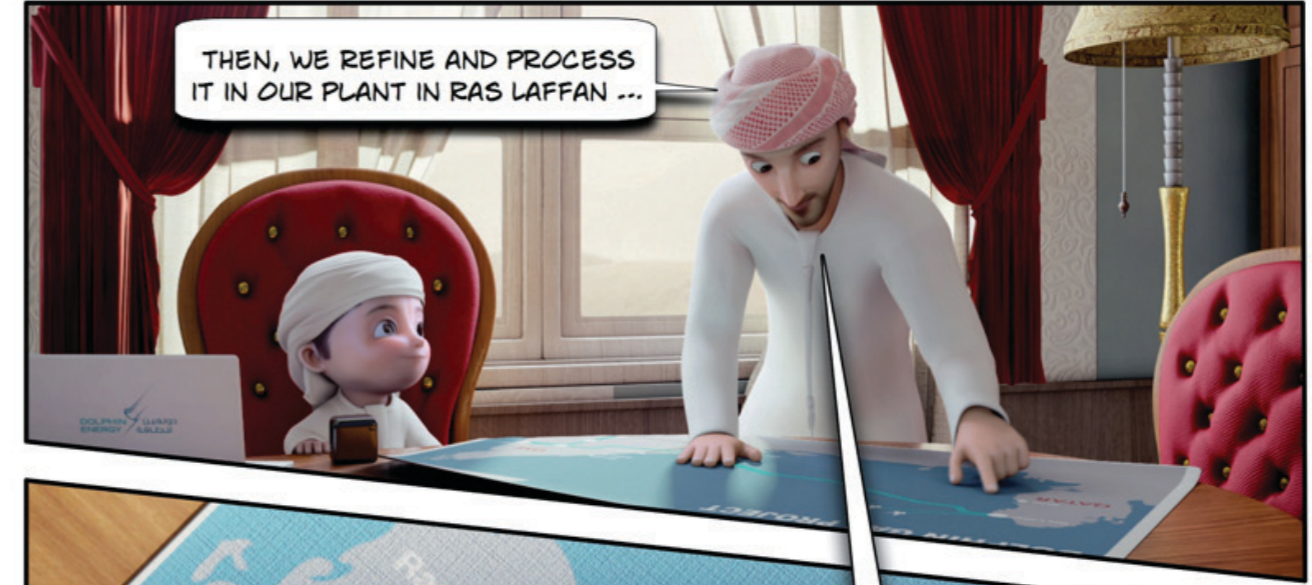
UM ... WHAT WE DO IS VERY IMPORTANT...THOUGH IT MIGHT BE A BIT DIFFICULT TO EXPLAIN.



WHY? LOOK HOW GROWN UP I AM!! LOOK AT ME, LOOK AT ME.

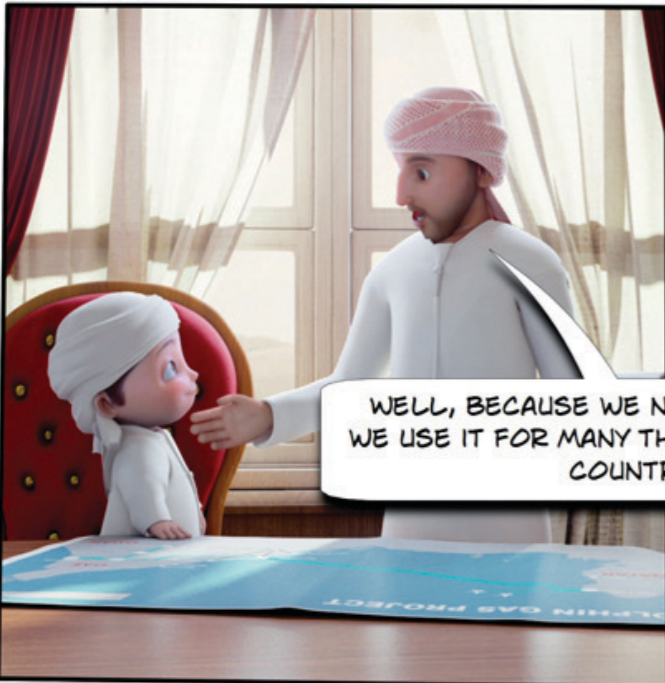


FINE ... FINE, MY GROWN-UP SON!! WAIT I'VE GOT A DRAWING THAT CAN HELP EXPLAIN THE WHOLE THING TO YOU.

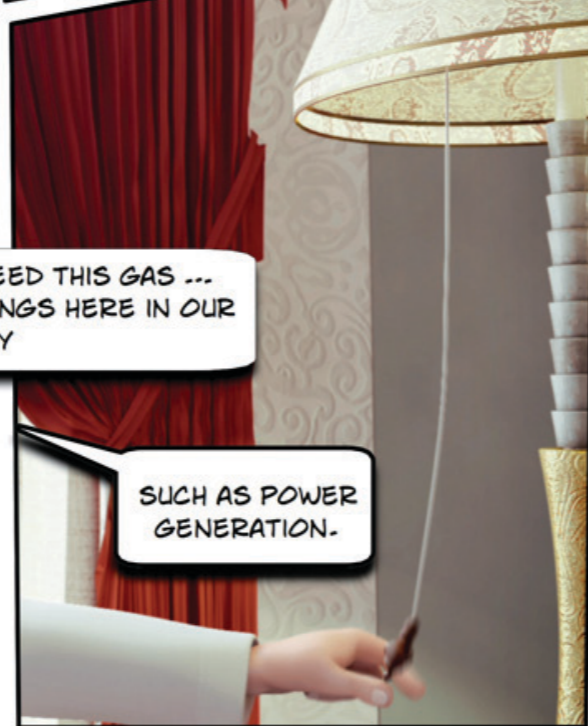




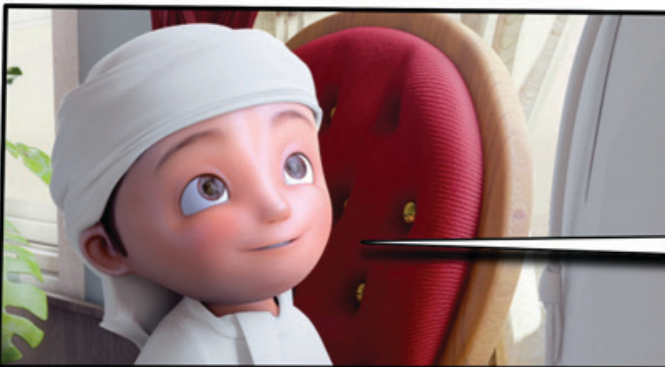
HOW COME YOU BRING GAS FROM SO FAR AWAY?



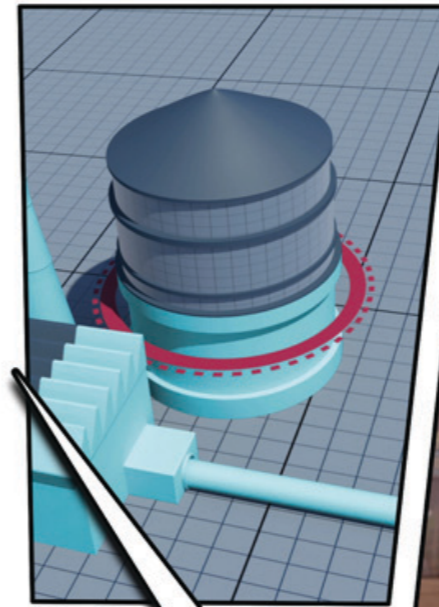
WELL, BECAUSE WE NEED THIS GAS ... WE USE IT FOR MANY THINGS HERE IN OUR COUNTRY



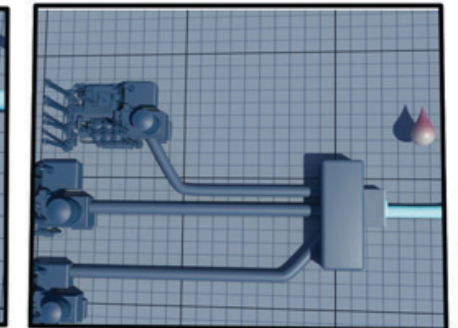
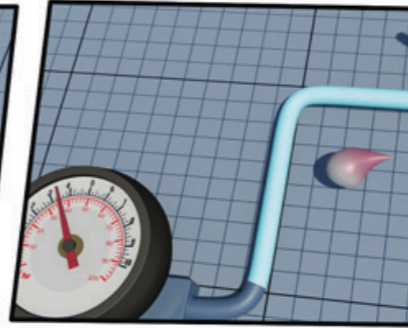
SUCH AS POWER GENERATION.



EH? WHAT DOES GAS HAVE TO DO WITH POWER?



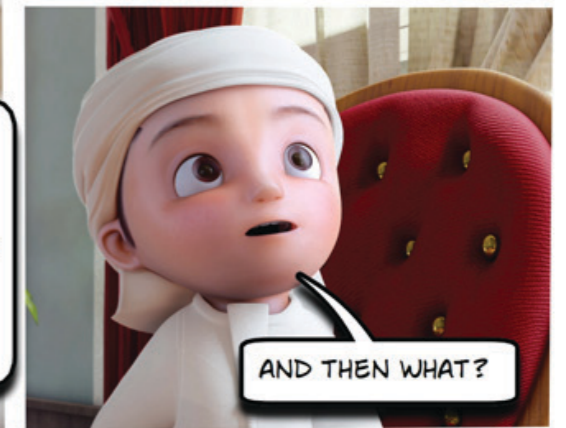
LOOK SON, WHEN THE NATURAL GAS ARRIVES AT THE RECEIVING FACILITIES IN TAWEELAH,



HAHA!!



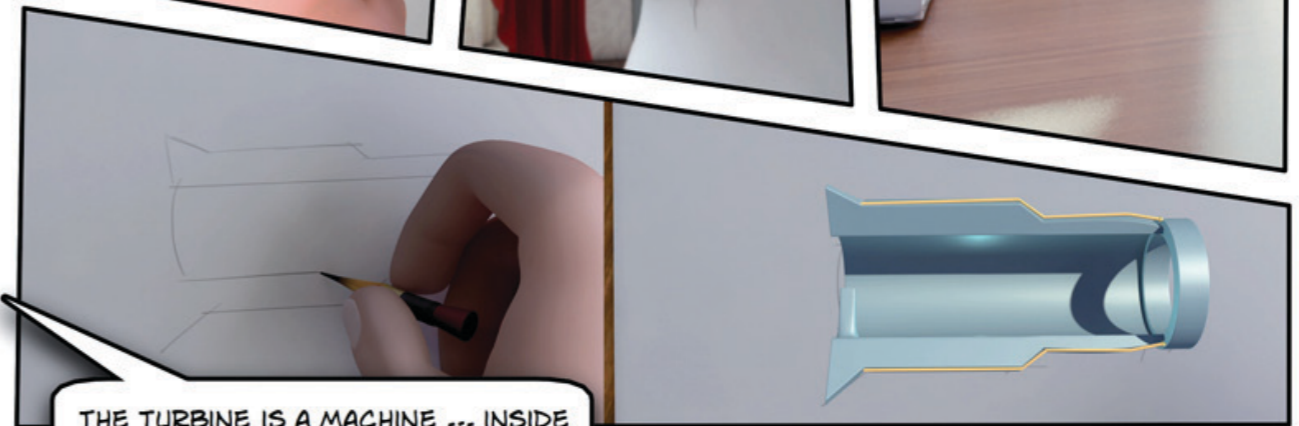
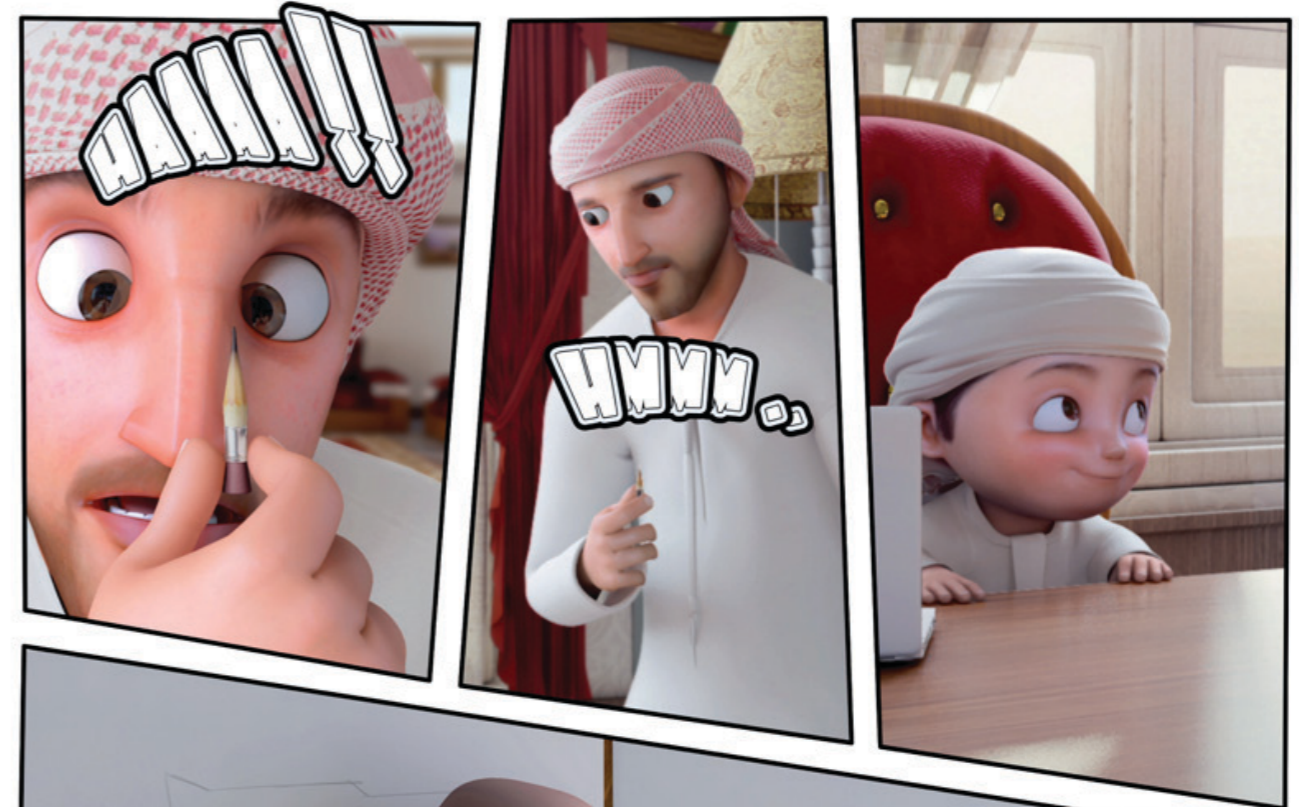
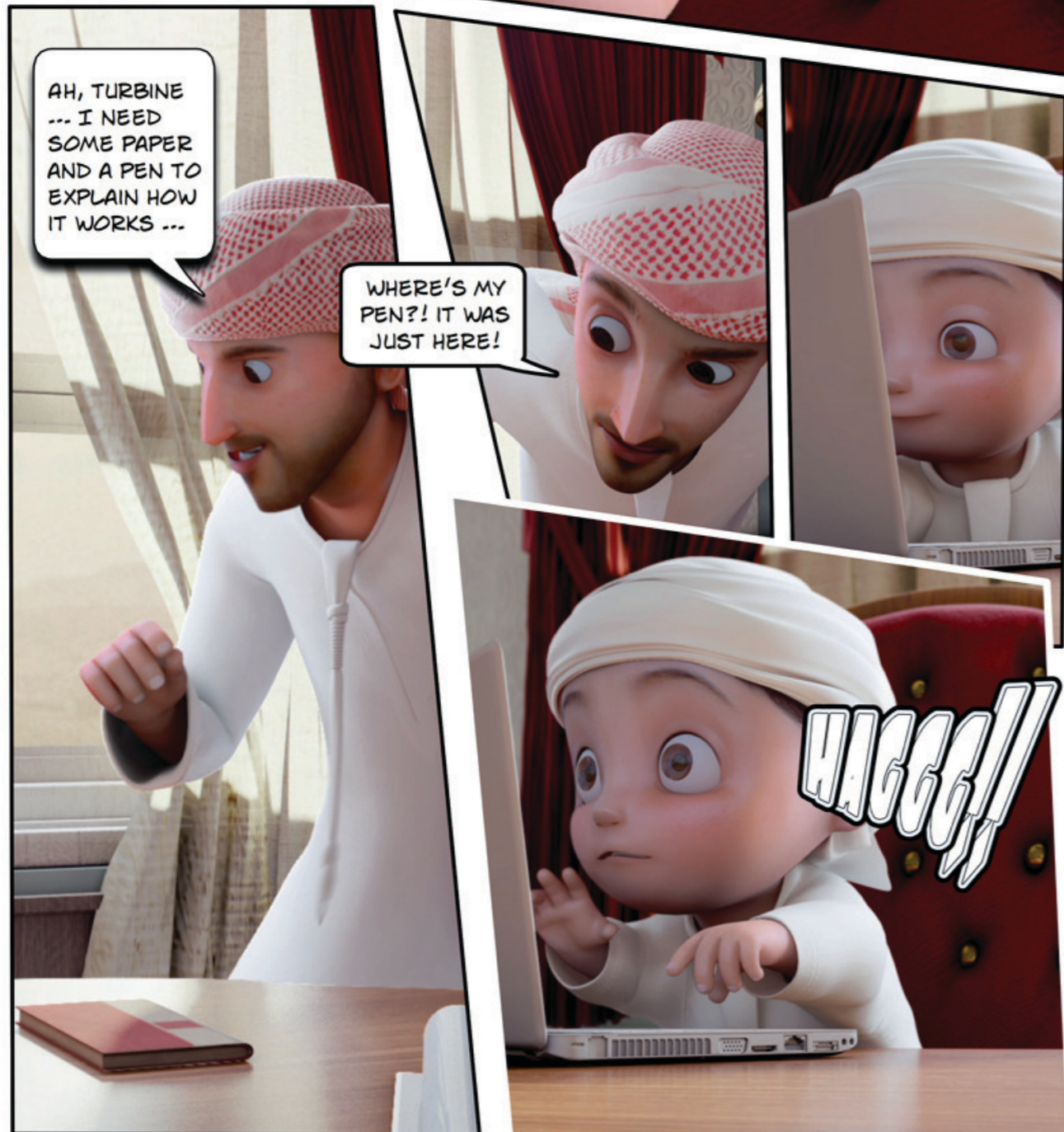
PEOPLE THERE MEASURE ITS QUANTITY AND THEN DELIVER IT TO POWER AND DESALINATION PLANTS.



AND THEN WHAT?

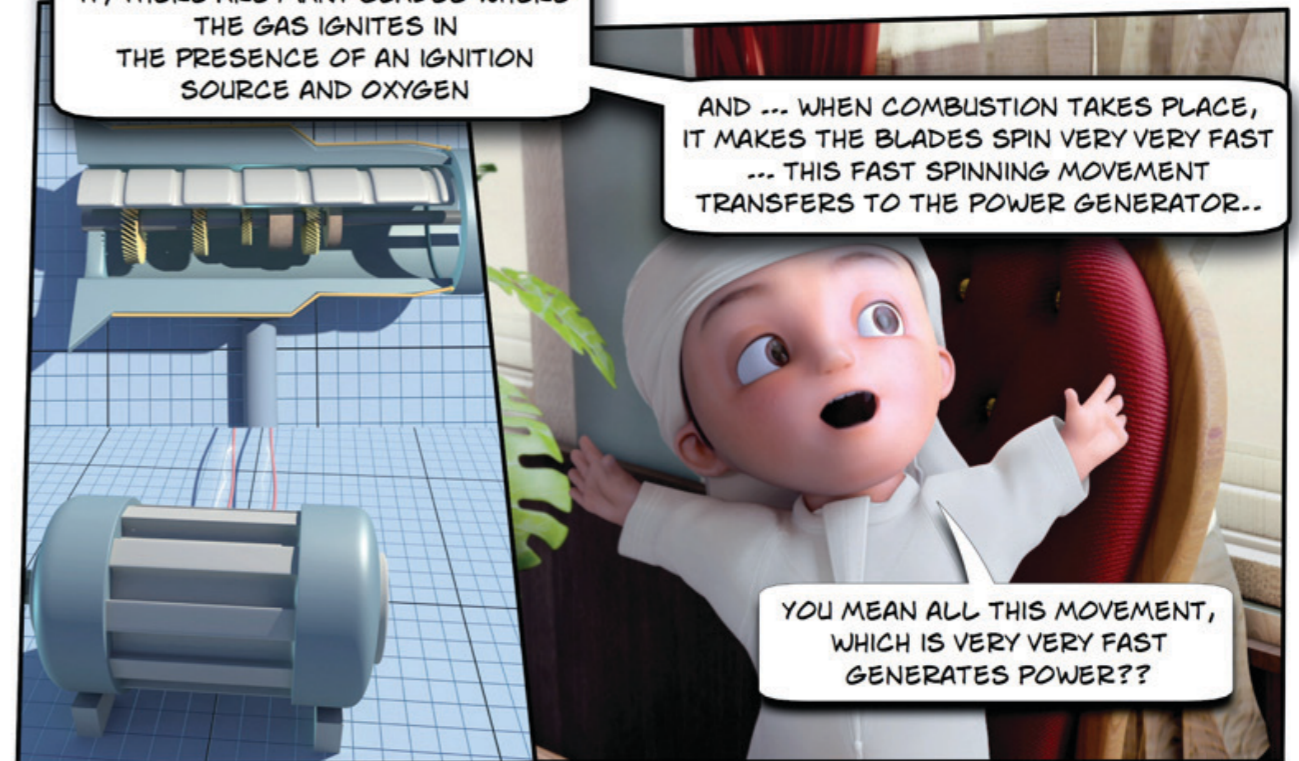


THEN THE GAS GOES INTO A TURBINE.



THE TURBINE IS A MACHINE ... INSIDE IT, THERE ARE MANY BLADES WHERE THE GAS IGNITES IN THE PRESENCE OF AN IGNITION SOURCE AND OXYGEN

AND ... WHEN COMBUSTION TAKES PLACE, IT MAKES THE BLADES SPIN VERY VERY FAST ... THIS FAST SPINNING MOVEMENT TRANSFERS TO THE POWER GENERATOR..



YOU MEAN ALL THIS MOVEMENT, WHICH IS VERY VERY FAST GENERATES POWER??

THAT'S RIGHT.

AHH ... AND AFTER THAT?

POWER IS THEN DELIVERED AND DISTRIBUTED ACROSS THE COUNTRY

MMM ... MMM

FROM THESE PLANTS VIA A NETWORK OF CABLES THAT ARE CONNECTED TO EVERY HOUSE AND STREET.

VERY GOOD! ... TELL ME DADDY, HOW IS GAS DELIVERED FROM QATAR TO ABU DHABI?

WELL IT REACHES US THROUGH THE EXPORT PIPELINE UNDER THE SEA.

HUH...? UNDER THE SEA?!!

HUH!! WHAT'S WRONG WITH THE COMPUTER?!

GULP...

YEAH, UNDER THE SEA ... LET ME SHOW YOU SOMETHING INTERESTING ON THE DOLPHIN WEBSITE ... COME

WAAA !!

YAHHA...

WUFFF!!!

THE STORY BEGAN WHEN THE DOLPHIN GAS PROJECT WAS ANNOUNCED IN 1999

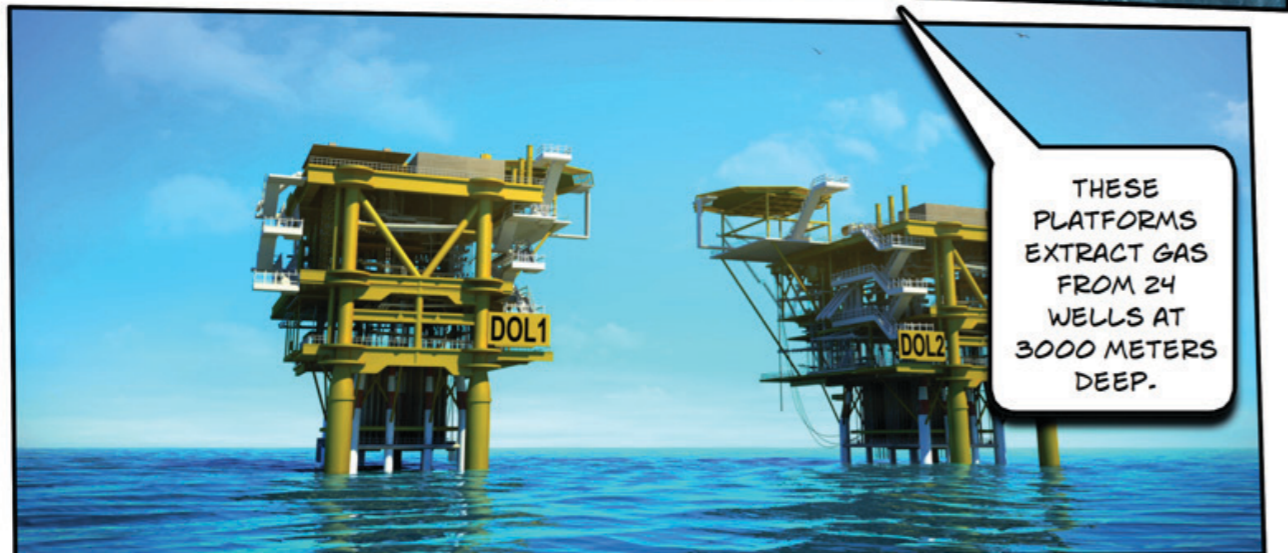


QATAR AND THE UAE REACHED AN AGREEMENT TO EXTRACT NATURAL GAS FROM THE NORTH FIELD, LOCATED OFFSHORE QATAR, AND TO DELIVER IT TO THE UAE AND OMAN.



SO HOW DID THEY GET THE GAS OUT IN QATAR?

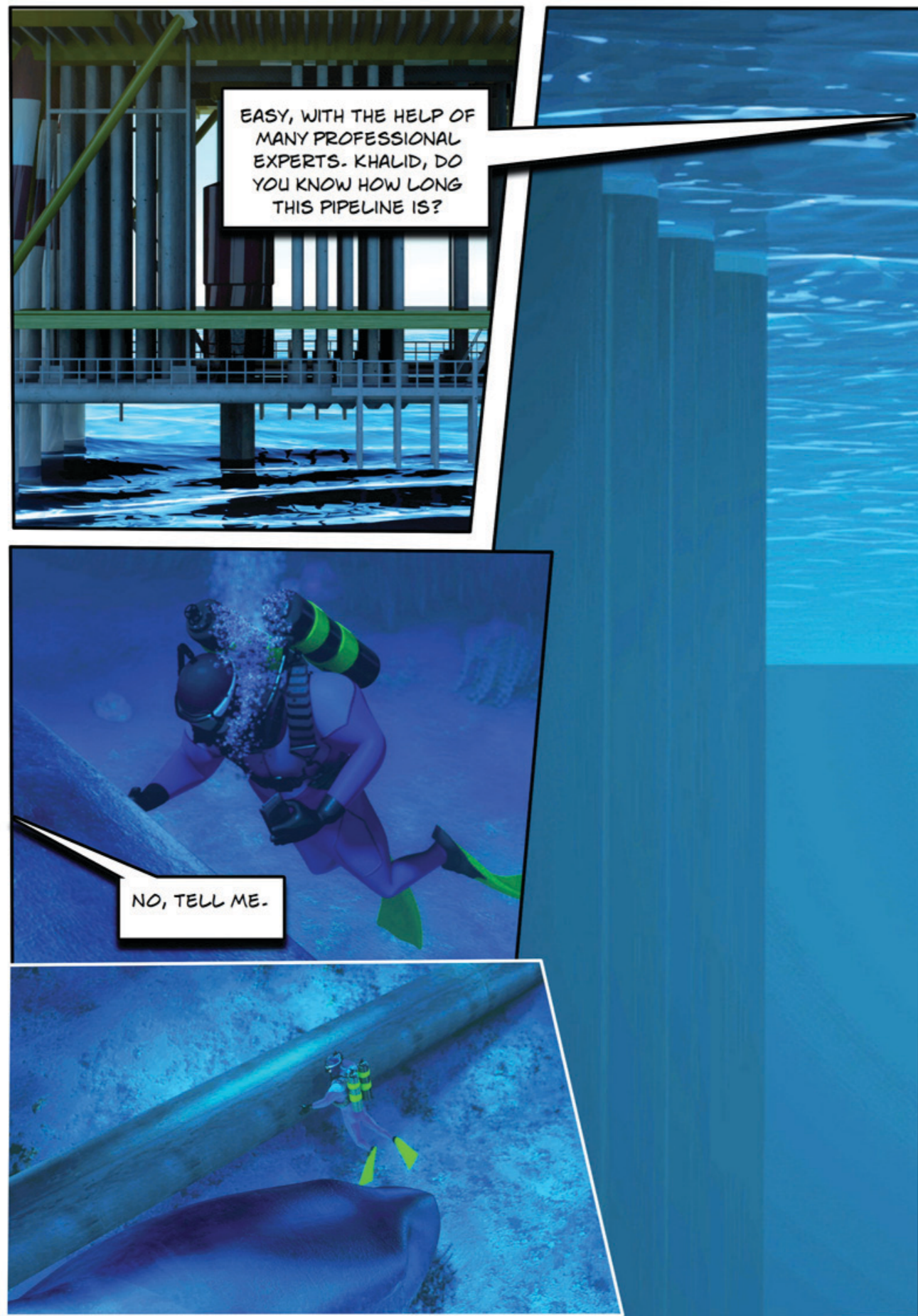
THERE ARE WHAT WE CALL OFFSHORE PLATFORMS WHICH WERE INSTALLED IN QATAR BY ENGINEERS AND TECHNICIANS.



THESE PLATFORMS EXTRACT GAS FROM 24 WELLS AT 3000 METERS DEEP.



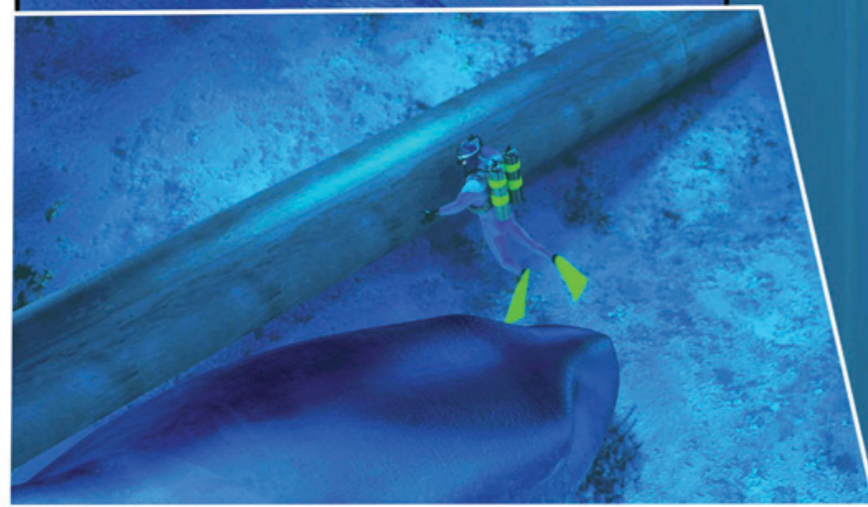
AHH... HOW COULD THEY LAY THE PIPELINE UNDER THE SEA ALL THAT WAY?



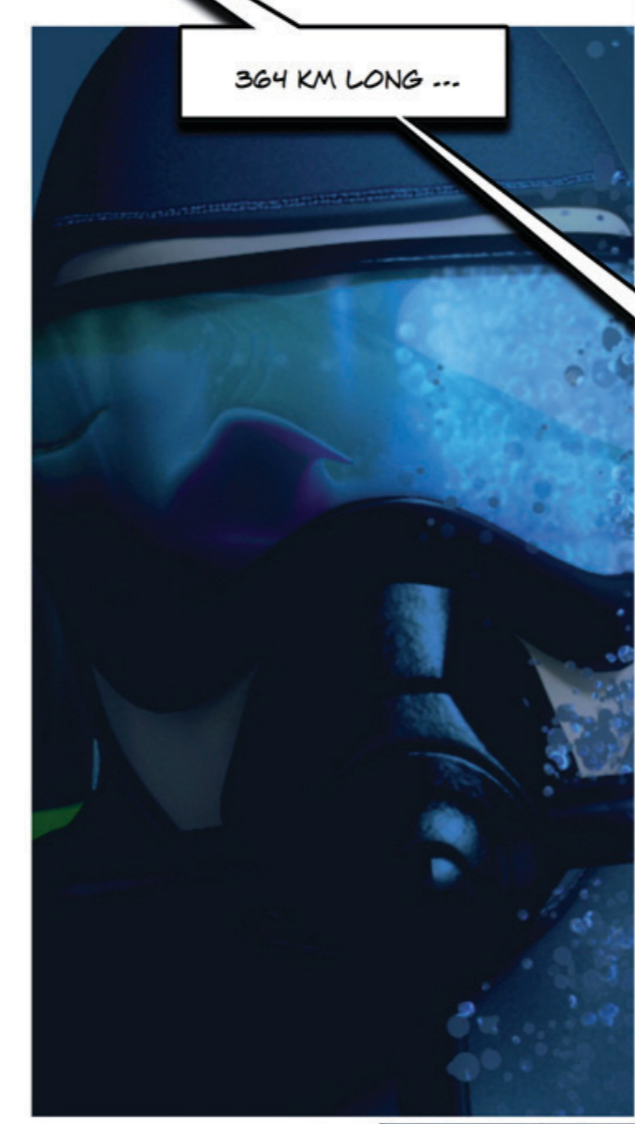
EASY, WITH THE HELP OF MANY PROFESSIONAL EXPERTS. KHALID, DO YOU KNOW HOW LONG THIS PIPELINE IS?



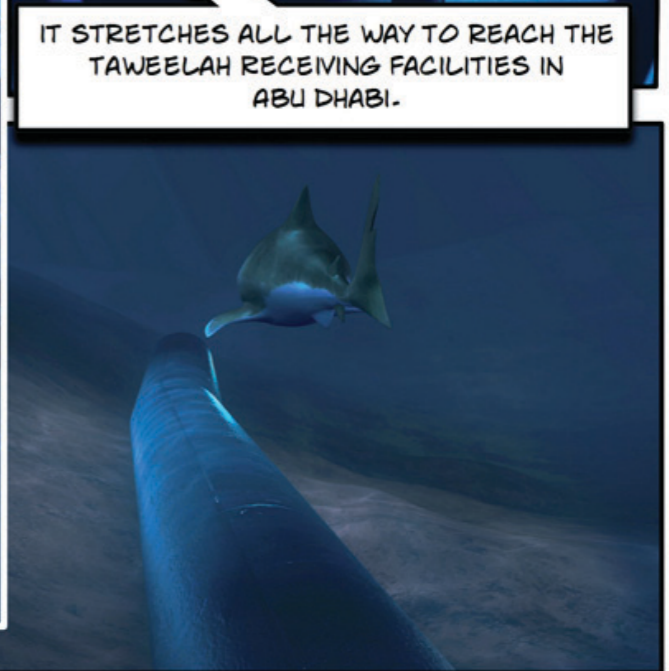
NO, TELL ME.

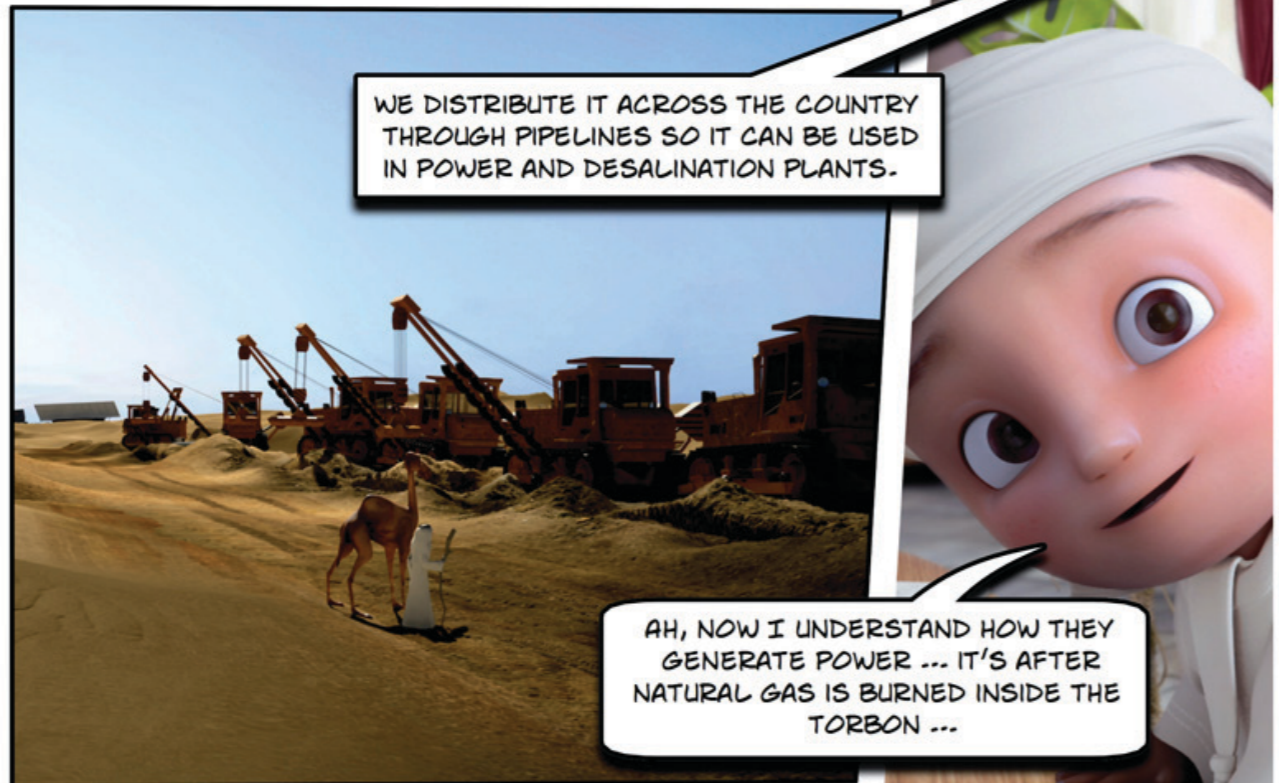


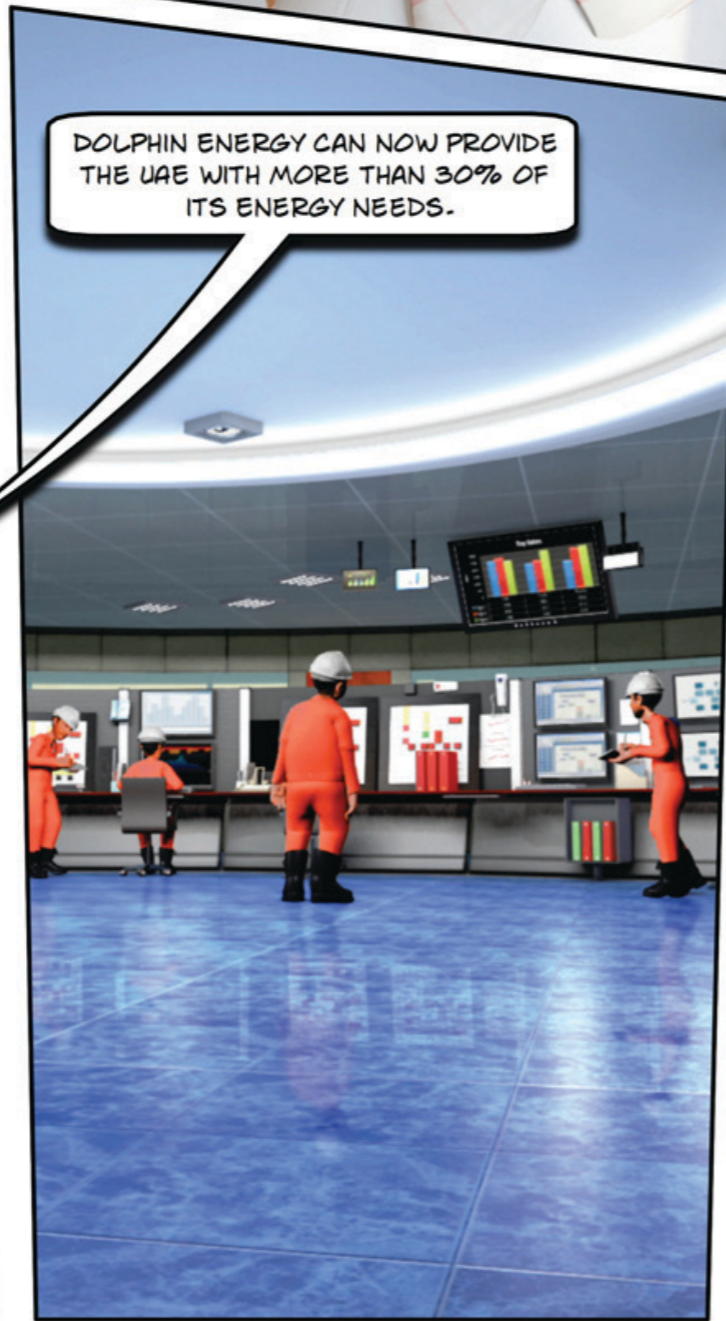
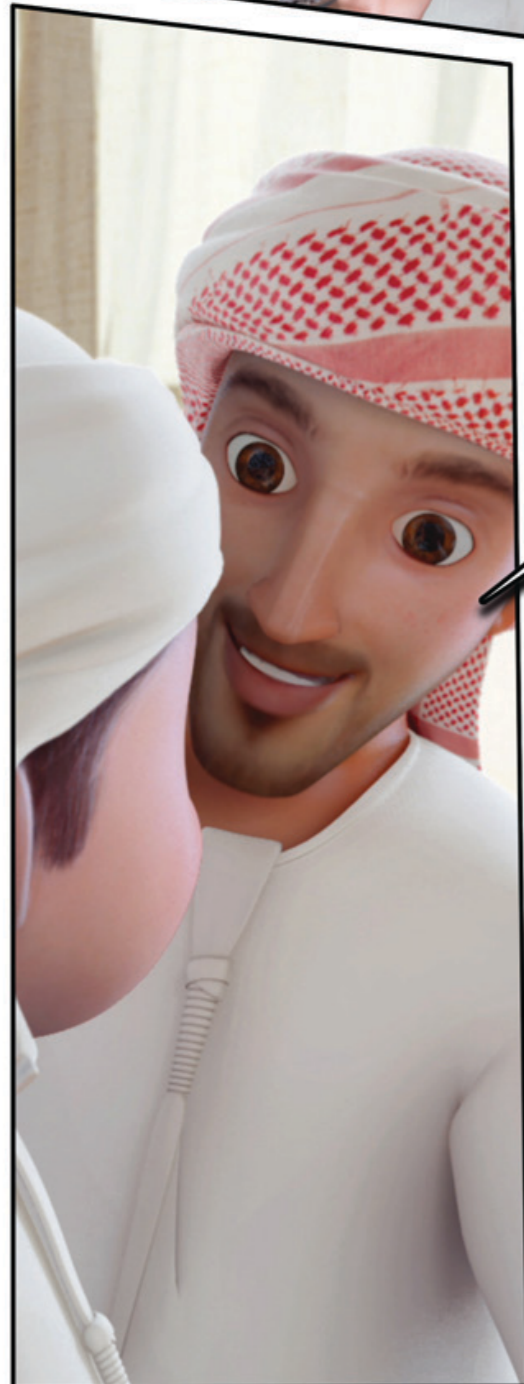
364 KM LONG ...



IT STRETCHES ALL THE WAY TO REACH THE TAWEELAH RECEIVING FACILITIES IN ABU DHABI.









SO THE DOLPHIN GAS PROJECT IS GOOD FOR THE ENVIRONMENT?

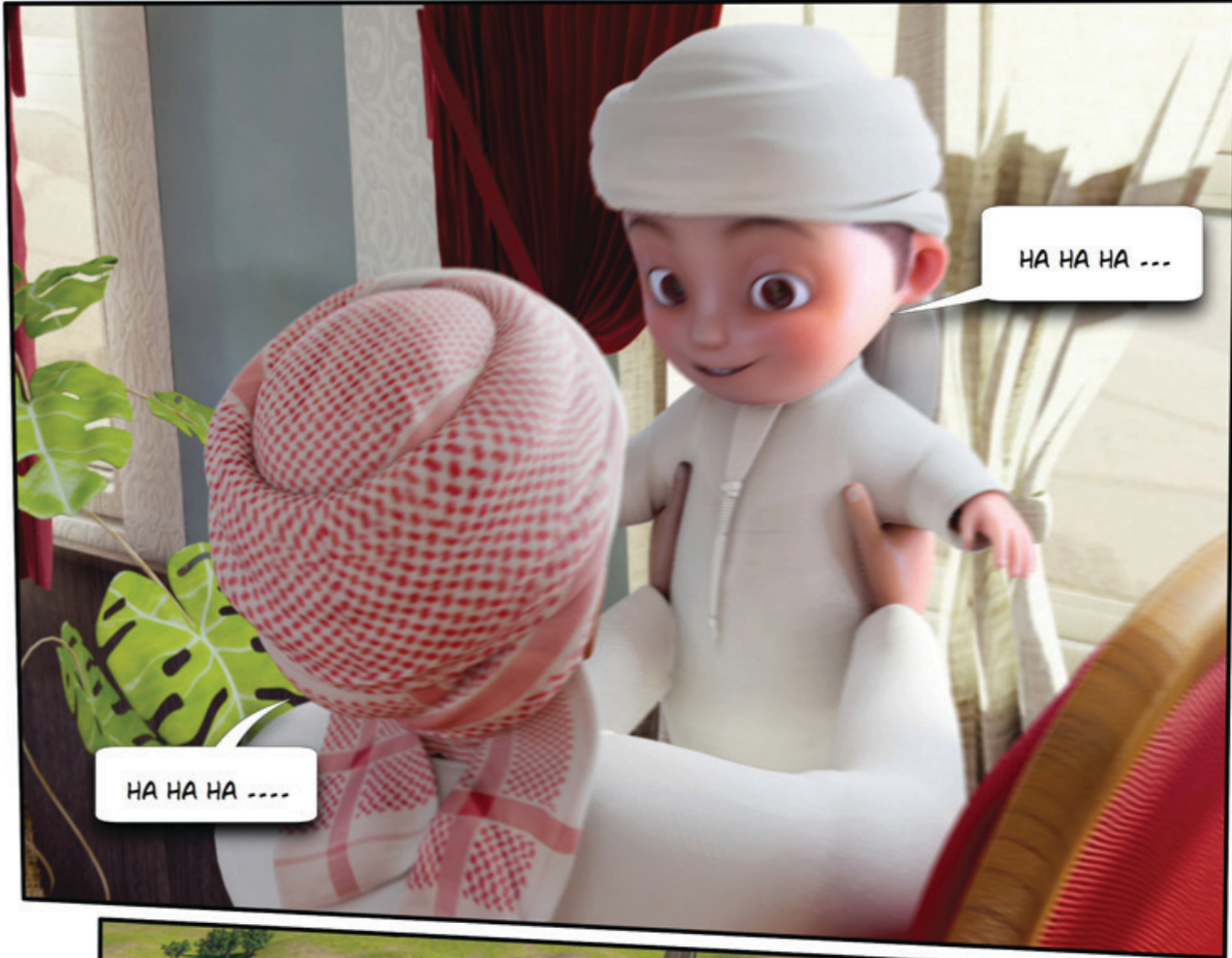


ABSOLUTELY.



AND THE FISH AND CORAL REEFS ARE ALSO SAFE, DADDY?

HA HA HAOF COURSE THEY ARE.



HA HA HA ...

HA HA HA

