

Petrochemicals Company

Farabi

Earth day
Keep close to Nature's heart



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Management Message

Mohammed Z. Al-Wadaey, FPC President

We in Farabi Petrochemical Company consider Sustainability as a core value and the way of our life. Living responsibly is not any more an option, it is rather a commitment to support the world in preserving natural resources and protecting our environment

Abdullah Atetallah Al-Refai, FPC Vice President

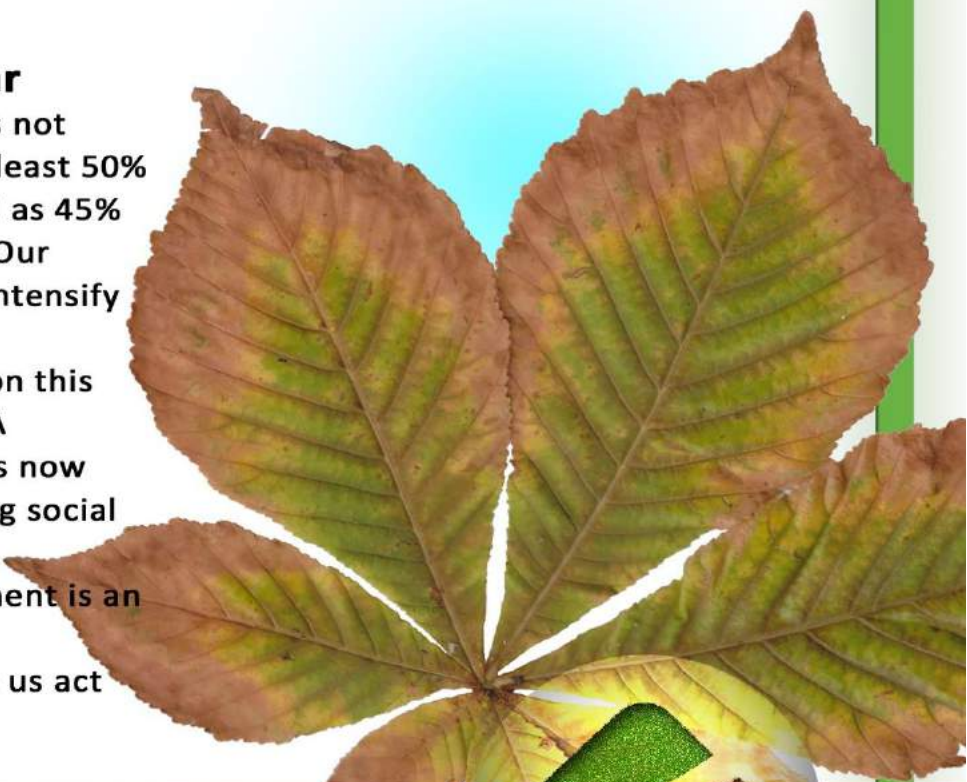
Our ambition is to embedded sustainability mission in the fabric of our business and embrace sustainability as a way to create value for us. We will focus on manufacturing products that bring enhanced substantiality value for customer and consumers while at the same time creating new growth and business opportunities for FARABI

Nader S. Al-Dakheel

Sustainability is more than a slogan, it should aggregate a productive capacity for the future

Kulandaivadivelu Gunasekar

The current path of global growth is not sustainable. The world will need at least 50% more food by the year 2030, as well as 45% more energy and 30% more water. Our planet is under stress. This in turn intensify the stress on humanity as a whole. Sustainability affects every person on this planet, whether he is rich or poor. A sustainable development pathway is now nonnegotiable. The world is reaching social and environmental threshold limits. Implementing sustainable development is an urgent need. Achieving sustainable development results takes time. Let us act today for a better tomorrow



Management Message

Mohammed Hassan Al-Faifi

Only unwise utilization of resources brought us in this stage that we are forced to take immediate actions to save our remaining available resources. If we'll not adopt and practice sustainability immediately as a habit we ourselves will be held responsible for destruction of our available resources

It has become evident that Sustainability is crucial to sustain both in our present and Future

Yaser A. Shafie

The companies that are leading the way in obtaining the greatest business value from their sustainability programs are those that recognize that, for the 21st century company, sustainability is mission-critical. Our key to success: quality and reliability in all our work

Manish Khandelwal

Sustainability – important for you, me, society, nation and world. Together we need to focus on developing Sustainability culture in Farabi and outside Farabi. There are no boundaries for it. Try Sustainability at work and at home, share it and feel proud from the results

Abdullah Mohammed Al-Omair
Your responsibility area is directly proportional to your value to this world. Participating on Sustainability is one of these responsibilities that is showing your real contribution to make better environment and future..!! it has to be way of business and life

Mohammed A. Al-Jaafari

[7.31]: Children of Adam, take your adornment at every place of prayer. Eat and drink, and do not waste. He does not love the wasteful. "The Holy Quran"

Hassan M. Al-Mutairi

To ensure we achieve our goals, it is important that we approach sustainability not as a tactic or single objective, but as a way of thinking about systems and processes. As a SHEAC Chairman, we promote initiatives that pay close attention to the needs of local communities and global environment, I believe Farabi is truly positioned to take a leadership role in minimizing the environmental impact

Javad Al-Akbar

Sustainability is not only an environmental issue; it's a very real business concern. By planning astutely, we can have tangible & lasting impact on environment, gain competitive advantage, and turn risks into opportunities

Pravin Gajera

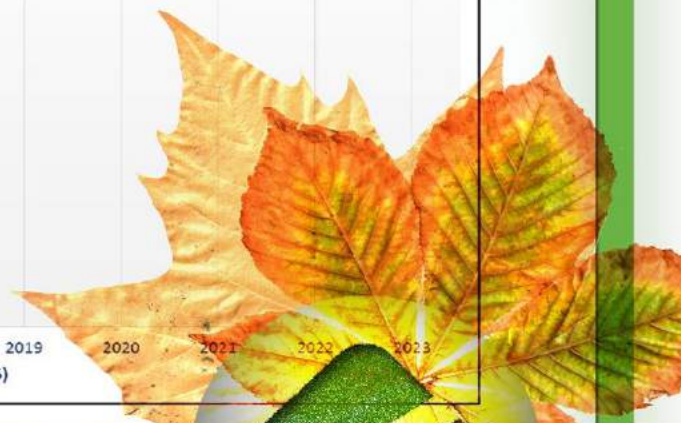
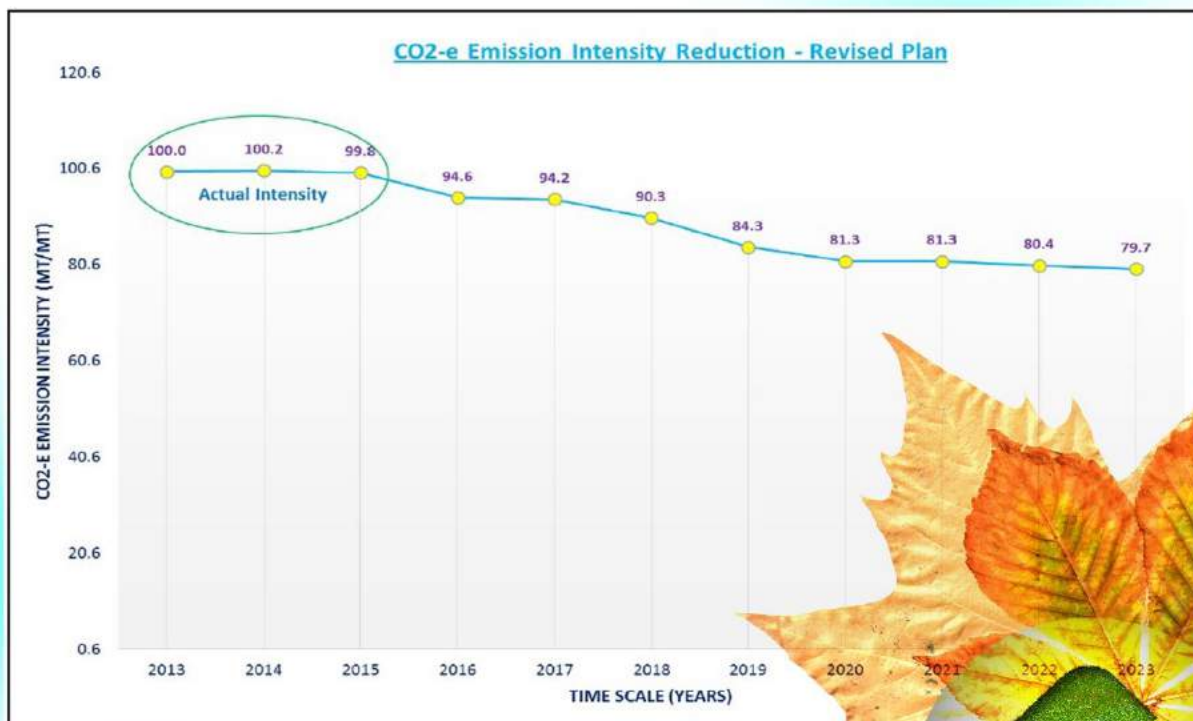
we have to dramatically reduce global CO2 emissions. We will only succeed in this if we consider all the renewable energies available

FPC Long term Improvement Strategies

Farabi is working towards sustainability with social, economic and environment responsibility. In addition to attaining excellence in our business, we are determined in benefiting all stakeholders with the policy of transparent disclosure towards sustainable development and demonstrate our care for the future generation



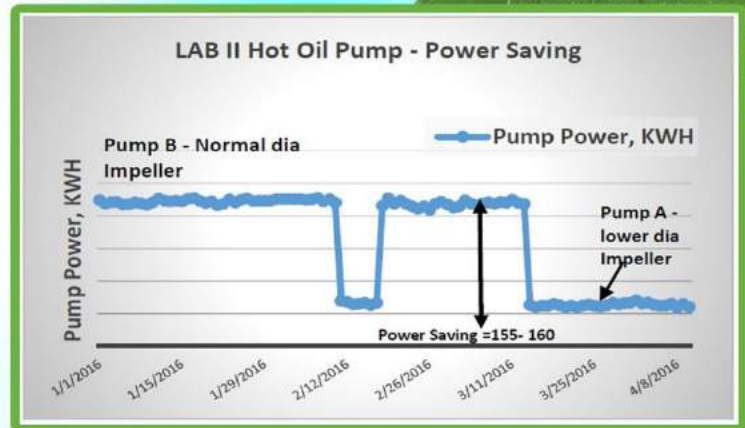
Farabi has defined its strategic themes, which allows the company to translate its vision & mission into operational actions. HSSEQ & Regulatory Compliance is the first strategic theme, which reflects the level of commitment of Farabi management. The objective and targets have been established at each appropriate level to ensure the continual improvement and compliance of HSSE performance. FPC is committed to reduce CO2 equivalent emission intensity by 20% over the period of next 10 years by 2023



Farabi Sustainability Performance at a Glance

LAB II Hot Oil Pumps Impeller Trimming

The impeller was trimmed and resulted KW/hr 160-into power saving of by 155 (or 1.36 million KWH/Annum). The power saved in pumps can run 133 no's of Split AC (1.5 ton) continuously which equivalent to monetary saving of .244,404 SAR/annum

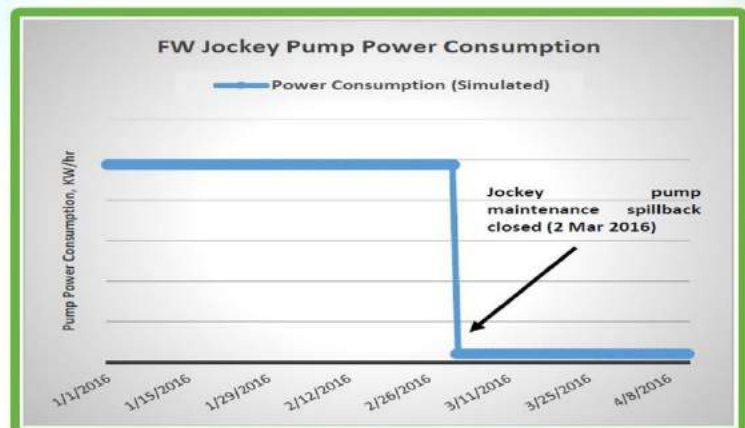


Fire Water Jockey Pumps

The Jockey Pump was running 24 hr to maintain the FW header pressure. The maintenance spillback closed and now the pump is running less than one hr from 24 hrs.

The power saving is 48.8 KW/hr (403,799 KWH/annum or 72,673 SAR/annum).

The power saved can lit up 195 no's of street lights (250 W).



"A true conservationist is a man who knows that the world is not given by his fathers, but borrowed from his children."
—John James Audubon



FPC Long term Improvement Strategies

Strategies and Actions				Measures / KPIs					
Strategy and Actions	Item	Actionee	Target Date	Measure	Target				
					2016	2017	2018	2019	2020
Strategy 1	Committed to comply with Farabi sustainability Matrix								
Action1.1	CO2-e Emission Intensity	Operation	Monthly	MT of CO2-e/MT of NP&LAB Products	0.810	0.806	0.773	0.721	0.696
Action 1.2	Energy Consumption Intensity	Operation	Monthly	GJ of energy/MT of NP&LAB Products	13.689	13.636	13.015	12.042	11.609
Action 1.3	Water Consumption Intensity	Operation	Monthly	M3 of water/MT of NP&LAB Products	0.527	0.523	0.538	0.505	0.491
Action 1.4	Haz. Waste Intensity	Operation	Monthly	kg of waste/MT of NP&LAB Products	0.100	0.099	0.102	0.096	0.093
Action 1.5	Non-haz. Waste Intensity	HR&GS	Monthly	kg of waste/MT of NP&LAB Products	0.382	0.379	0.391	0.367	0.356

Farabi Sustainability Performance at a Glance

Waste Free Environment (SHEAC Campaign - Beach Cleaning)

In observance of Waste Free Environment as part of the GPCA initiatives, 40 volunteers from Farabi Petrochemical Company had took their time off to help clean the environment on February 11, 2016 at Jubail Corniche

The team collected a total of 54 consolidated bags of waste compared to 22 bags collected from last year cleanup activity



Farabi Sustainability Performance at a Glance

LED Street Lights

- LED lights can save power while giving same illumination.
- For Trial, Four numbers of HPSV Street lights has been replaced with LED lights near gate 2.
- The expected power saving with 147 Street light is 14.7 – 22.0 KW/hr.
- Other Advantages: Starts immediately, much greater life span & better luminaire efficiency



Promote Green Environment (Tree Plantation):

In observance of World Environment day on 5th June Farabi is celebrating each year by planting trees in order to promote green environment and spread the message to all stakeholders across the globe. Farabi has set a target to plant 50 trees each year and being continued since 2013



Employee & Kid's Article

Mr. K. Gunasekar (Director – Major Projects)

A long list of seemingly harmless everyday actions contribute to emissions of carbon dioxide (CO₂) and other climate-altering greenhouse gases.

Driving a car and flipping a light switch have a clear "carbon footprint" - much less obvious is the harm caused by sending a simple text message or opening a bottle of water.

Here is the environmental impact of some common activities:

Digital footprint

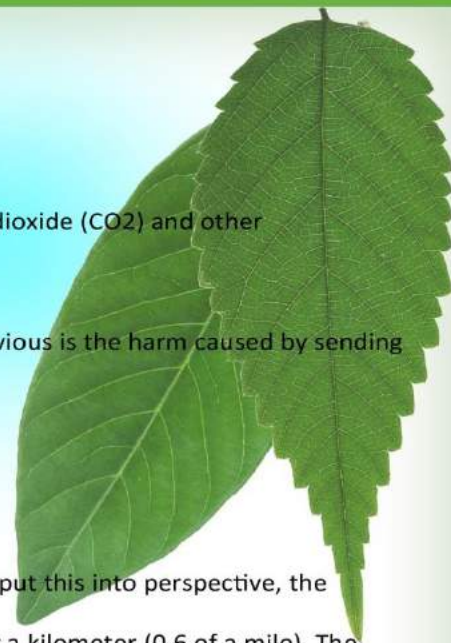
Sending even a short email is estimated to add about 4 gCO₂e to the atmosphere. To put this into perspective, the carbon output of hitting "send" on 65 mails is on par with driving an average-sized car a kilometer (0.6 of a mile). The culprits are greenhouse gases produced in running the computer, server and routers but also those emitted when the equipment was manufactured. It gets worse when you send an email with a large attachment, which puts about 50 gCO₂e into the air. Five such messages are like burning about 120 grams (0.27 pounds) of coal. Receiving a spam message -- even if you do not open it -- has an environmental impact of 0.3 gCO₂e. The global carbon footprint from spam annually is equivalent to the greenhouse gases pumped out by 3.1 million passenger cars using 7.6 billion liters (two billion gallons) of gasoline in a year. Here is something to keep in mind the next time you type in a non-essential Google enquiry: A web search on an energy-efficient laptop leaves a footprint of 0.2 gCO₂e. On an old desktop computer, it is 4.5 gCO₂e.

Paper or plastic?

Plastic grocery bags each have a carbon footprint of 10 gCO₂e, but the paper ones are even worse at 40 gCO₂e each. Store-bought bottled water has nearly 1,150 times the emissions attached to it than a glass poured from the tap. A 500-millilitre (one-pint) bottle is responsible for 160 gCO₂e compared to 0.14 gCO₂e for tap water. A large cappuccino comes with a footprint of 235 gCO₂e, partly because of the emissions from raising the cow which produced the milk. For a cup of home-made black tea or coffee for which just enough water was boiled, the figure is 21 gCO₂e.

Leisure time

The bigger the TV, the bigger the cost in greenhouse-gas emissions. The footprint is 68 gCO₂e and 176 gCO₂e respectively for two hours watched on a 15- or a 32-inch LCD screen. A mile of cycling fuelled by a meal of bananas would be responsible for 65 gCO₂e, compared to 260 gCO₂e for a mile powered by cheeseburgers.



Employee & Kid's Article

Nitya Desai (Daughter - Mr. Desai Mitalkumar)

Save Water! Save Trees!

SAVE WATER

SAVE TREES

It is said that.... Nature is necessary and it's true! World is incomplete without natural resources, as they are the basic need of humans!! They are our friends and family.

Water is basic necessity of life. It is important element of the living thing and without water no-one can survive on the earth. Water has covered around 71% region of our earth. But only 2% of water is usable for humans. So people feel scarcity of water and especially it is observed in India. Most of the Indian people feel they don't have much available water with them but in some part of India there is plenty of water and people in the area doesn't realize the value of it.

Same as water the second & next component which earth consist maximum is trees. Tree is a friend, tree is a home, tree is a medicine and tree is a shadow. It is the most important part of the earth. It is green



Employee & Kid's Article

Nitya Desai (Daughter - Mr. Desai Mitalkumar)

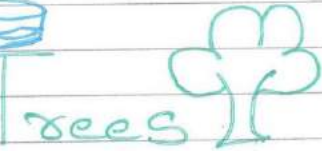
like wood, medicine, silk, rubber, cotton, fruit etc trees provide shadow to humans and home to birds. Trees are the best source of oxygen. As oxygen is only component for human to survive. If people will cut trees they will reduce the amount of oxygen in the air.

It is my Request

Save Water



Save



Trees

WRITTEN By :-

Nitya Desai

Save Water! Save Trees!



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