

Think globally,
Act locally

Sustainability Quarterly Newsletter

3rd Issue : February 2014



Don't trash our future, recycle



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Message from SSC Chairman

The proper use of science is not to conquer nature but to live in it. - Barry Commoner

Sustainability has emerged as an important component to our everyday lives, directly shaping our daily activities— the products we purchase; the materials we recycle; and our views on business, climate change, and more. While its exact definition may vary, the concept of sustainability is generally recognized as integrating the environmental, social, and economic aspects of our lives, and aims to “strike a balance” over the long term.

What does sustainability mean to us?

As a Manufacturing company we need to support our Customers in developing sustainable approaches to their challenges. We have endorsed the concept of “Sustainability” to be aligned with our long-term strategic plan, as well as leading initiatives such as Carbon Disclosure Project and Global Reporting Initiative. We have adopted the GRI frame work for reporting. Since 2013 the Steering committee has come up with various initiatives and programs to ensure the message of Sustainability is spread and start reducing our Carbon Foot print.

We have established the baseline and finalized sustainability performance metrics to be assessed annually going forward, with a plan to soon publish our first Sustainability Report. We have not only begun the transformation internally to sustainable practices, but also focused ourselves to reduce CO₂^e emission intensity by 20% in next 10 years. Accordingly specific action plan was set to reduce 2% CO₂^e emission in 2013 and we have successfully accomplished it. This has resulted in net savings in operation amounting to SAR 1,041,412.

What we intend to do in 2014?

Now we are on our journey to target another 3% reduction in 2014. Various Energy/ Water conservation initiatives have been triggered and the detail of it is in this newsletter. As part of social commitment we plan to reach our minimum 1000 Children/People this year and also plant minimum 25 trees to promote Green Environment. As part of this process we will be engaging with the shortlisted two priority stakeholders Customers and Employees to hear their views and their expectations on what we do in terms of Sustainability.

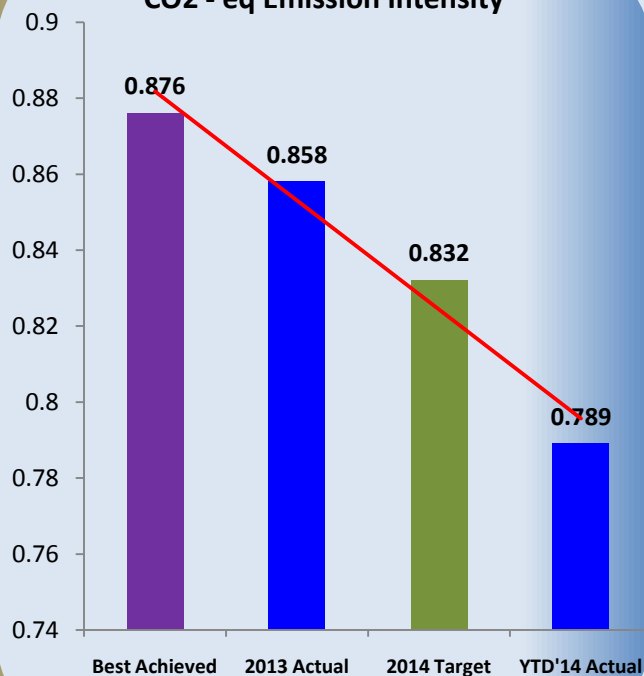
We have much to do—we recognized early that sustainability is a long journey that seeks to align our core values with our strategy in a means that benefits Farabi, our customers, and the communities we are in, in the long run. We invite your feedback, and encourage you to make a difference.



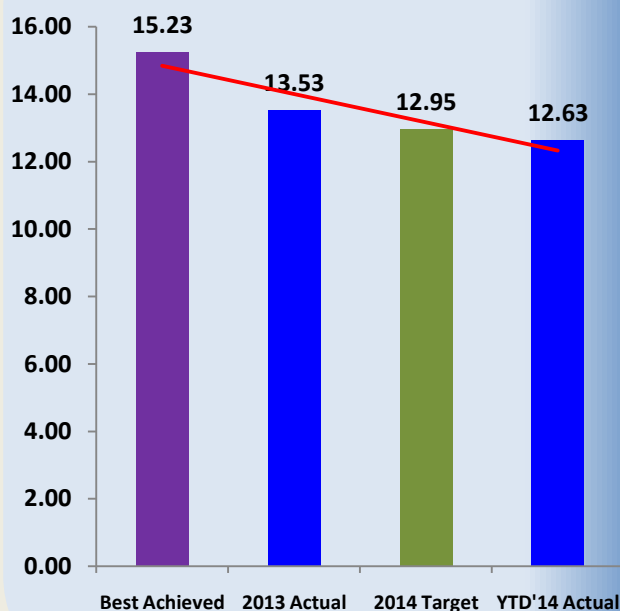
Kulandaivadivelu Gunasekar

Farabi Sustainability Objective & Targets/Actual for 2013 & 2014

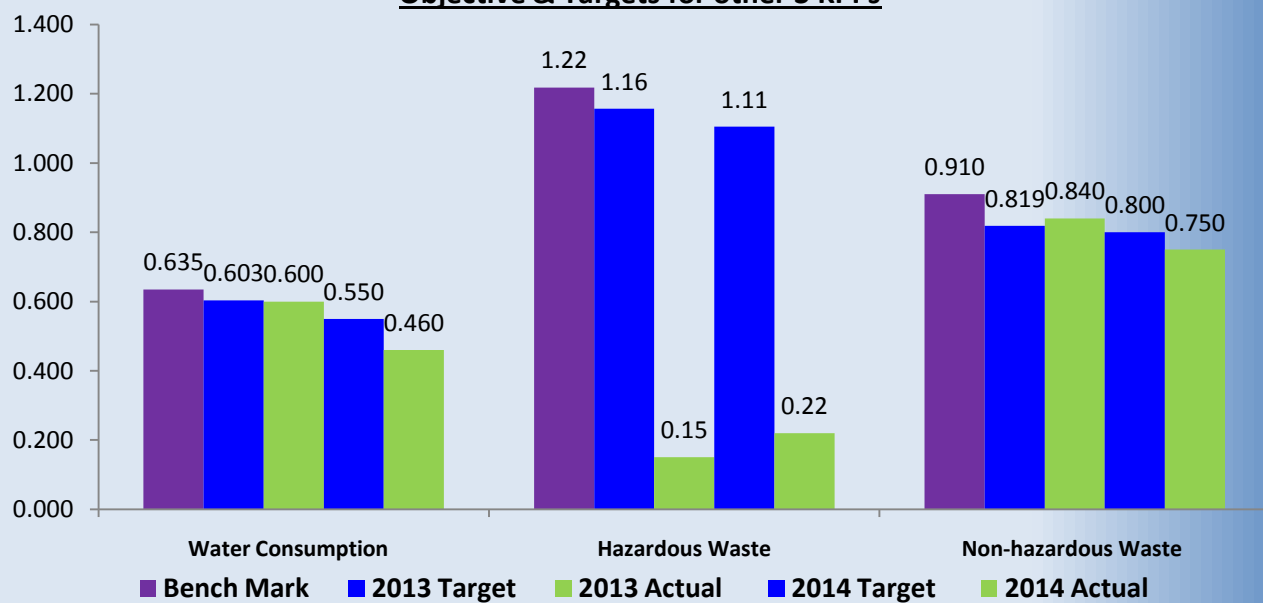
CO₂ - eq Emission Intensity



Energy Foot Print

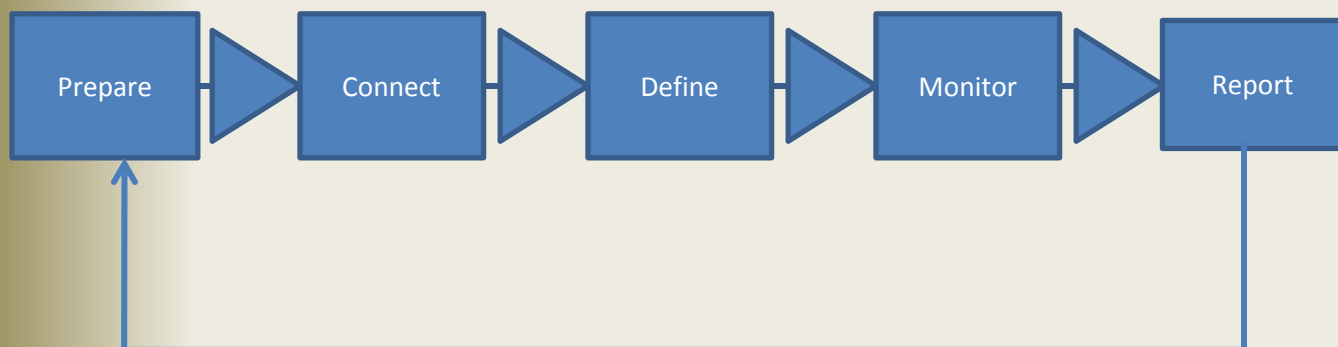


Objective & Targets for other 3 KPI's

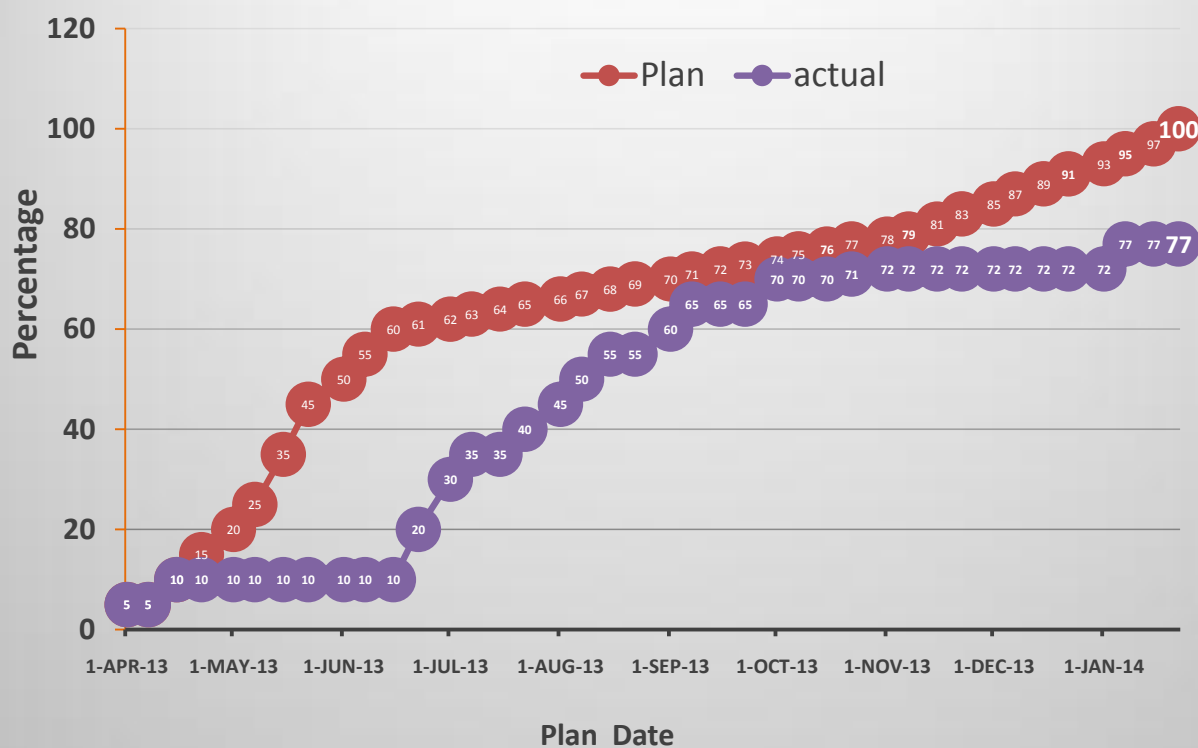


FPC GRI Sustainability Report

(GRI) Sustainability reporting process: 5 Steps



GRI Sustainability Reporting Progress Percentage Plan V/s Actual



Farabi Sustainability Initiatives & Action Plan

Idea Title	Project Management			
	Project initiation	Project engineering/ Data collection	Implementa tion/ Completion	Project Close- Out
Building Temperature control after office hrs.	Communication with vendor of PLC to be initiated			
Lighting study in Tank Farm area	illumination levels for tank farm area and light intensity (Lux) under study. 11 Lux.			
Advance process Control project	Done	Done	3-Mar-14	9-Apr-14
Energy Management study	Done	In Progress	15-Apr-14	21-Apr-14
Air Coolers Energy Optimization	Done	Done	Done for 300EA-02, 300EA-03, and 100EA-02 in 13/01/2014	21-Apr-14
Steam consumption reduction	Pending			
Reduce Flare Loss	Pending			
Reduce Heater Stake Temperature	Under study			
Uses of Water Saving Tools	Under Study			Feb'14
Implementation of TRASAR Technology for CT-1&2	FCR Initiated			Apr'14
Paper Recycling Project	Data Compilation & Awareness is in progress			Mar'14

Recycling – Towards Sustainable Development:

Today's society faces a growing population, technological and economic growth leading to a proportional consumption of resources and, consequently, tremendous generation of waste.



There is growing global concern about the environment. Social awareness and legal obligations encourage recycling work in most developed countries. However, there is still much work to do. Waste and waste management are major environmental challenges for modern societies.

Why recycling is so important

Waste:

- Harms the environment and may pose a risk to human health
- Is a source of contamination for water & air which causes a host of nuisance for citizens.
- The improper disposal of waste increases the risk of forest fires
- Emits polluting gases and odors
- Causes soil and landscape degradation and
- Creates Groundwater and surface water pollution

Approach towards sustainability in our lifestyles

For us to understand the potential both for sustainable engineering solutions and sustainable lifestyle choices, we may consider the sustainability of our lifestyles through subdivision into the following categories:

- Energy including transport
- Finite resource depletion and waste management
- Water

Using these categories as guidance, we may consider what we as a citizens can do to live sustainably in our everyday lives.

Sustainability Steering Committee, SSC



Employee's Kid's Corner

Pollution

Ayed Mohammed Ali
Class ÷ IV

1. Dust from streets, smoke from factories and vehicles cause air pollution.
2. Loudspeaker and blaring horns cause noise pollution.

Benefits for Plantation

Miss Laeba Raza
IIS, Jubail, 4th Std.

1. Trees provide oxygen
2. Trees conserve energy
3. Trees save water
4. Trees provide food
5. Trees clean the air
6. Trees cool the city and street
7. Trees provide wood
8. Trees help to prevent water pollution
9. Trees combat the greenhouse effect

Did You Know the "Facts & Figures"!!

- By recycling 1 plastic bottle, people can save enough energy to power their computer for 25 minutes.
- One tree makes approximately 3000 pieces of paper. If you use 10 pieces of paper a day, that's more than one tree pulled down every year.
- Every day, an estimated 100 plants and animals species are lost to deforestation
- Recycling one glass container saves enough energy to power a 100-watt light bulb for 4 hours or a fluorescent bulb for 20 hours.
- Brushing your teeth requires around 2 gallons of water. Shut off the water while you brush.
- A five-minute shower can use 25-50 gallons of water. A low-flow showerhead can help reduce water usage by about 40 percent.
- It takes more than 10 gallons of water to produce one slice of wheat bread.
- 20 to 50 million metric tons of e-waste are disposed worldwide every year
- Only 12.5 percent of e-waste is currently recycled.

(Internet Sources: EPA,NWF, & Others)

Ignorance today brings, A dark tomorrow

Keep the future bright, Turn off the light.
TODAY'S WASTAGE IS TOMORROW'S SHORTAGE

"Never refuse to reuse"

Don't trash our future, recycle

GO GREEN

Will you give a hand to save the land



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