



Gulf Petrochemical Industries Company (GPIC), Kingdom of Bahrain

GPIC Proudly Supports the Sustainable Development Goals



SDGs Success Story

11 steps to make SDGs a Reality at GPIC

President's Foreword

The **Sustainable Development Goals (SDGs)** are 17 goals defined by the United Nations to tackle the world's biggest problems by 2030 and they were launched in 2015.

We at GPIC proudly support the UN's 17 SDGs and have in fact started to mainstream the global goals into our business functions to make the SDGs a reality at GPIC.

The goals form a useful lens through which to look at the most pressing global issues. Hundreds of millions of people don't have enough food to eat; women still earn less than men and have fewer rights; plant and animal species are rapidly vanishing; and the **gap between rich and poor is indeed getting wider.**

More than 40 per cent of the global population are between the ages of 10 and 24 – the **largest youth population ever.** To solve the world's problems, the next generation needs to know what those problems are. A good way to ensure this is to teach them about the SDGs.

We are also mindful of the fact that in order to achieve the SDGs we have to accelerate youth empowerment because we believe that youth will be central in taking forward the universal, integrated and transformative sustainable development agenda forward and we are also mindful of the fact that the overall success of the SDGs depends on youth engagement because young people are, Critical thinkers, change makers, Innovators, Communicators, Leaders.

I am delighted to inform you that as a result of our continued focus and commitment on youth empowerment, GPIC has won the **King Hamad International Award for Youth Empowerment to Achieve Sustainable Development Goals for the Private Sector'** which has been awarded to our wonderful company by the **United Nations in cooperation with the Ministry of Youth and Sports in the Kingdom of Bahrain**, which I had the honour and pleasure of accepting from His Majesty the King on 25 February, 2018.

Winning of this award further strengthens our resolve and commitment that youth are central in achieving the sustainable development agenda and without their engagement and empowerment we cannot achieve the UN 17 SDGs.

Dr. Abdulrahman Jawahery
GPIC's President

Making the SDGs a Reality at GPIC

SUSTAINABLE DEVELOPMENT GOALS



GPIC and the UN Sustainable Development Goals

2016-2018 have been challenging years for sustainability in many respects, but there have also been exciting developments in the sustainability landscape. We look back at GPIC’s efforts in mainstreaming the UN’s 17 SDGs in the Company’s Business Functions.

In September 2015, the UN General Assembly agreed to 17 global Sustainable Development Goals (SDGs) to reach by 2030. The goals and specific targets under the goals seek to end poverty, protect the planet, and ensure prosperity for all.

GPIC’s triple bottom line business approach aligns strongly to the UN SDGs. GPIC is a proud supporter of the global goals and has contributed in all the phases, right from the participatory process of My World to setting up meaningful indicators, sharing best practices on SDG aligned projects and programs through the UN Global Compact and KPMG’s Industry Matrix. Aligning corporate goals both short term and long term with the relevant SDGs. Mainstreaming SDGs in business functions. Linking SDGs with our Capex projects and modifications through our MOC system is one of our latest initiatives. Sharing our sustainability performance publicly through GRI sustainability reports and encouraging others to do the same.

As we continue to advance our thinking and work to address the SDGs, we’ll update our initiatives in our sustainability reports and the UN Global Compact’s Communication on Progress Reports.

We proudly present our eleven steps that were instrumental in making the SDGs a reality at GPIC.

11 Steps GPIC has taken to Contribute to the SDGs

Step 1 - Leadership Commitment towards Sustainability and SDGs

We have entered a new era where we are engaging more with leading global corporate sustainability initiatives such as the UN Global Compact and focusing more on Leadership, Collaboration and Innovation and Youth empowerment so that we can serve the people of this nation and the world in a better way”

Dr. Abdulrahman Jawahery
GPIC President

Step 2- GPIC employees took part in the Participatory process through MY WORLD survey in 2013

GPIC’s employees were involved in the participatory process for the SDGs through UN’s global My World survey that received more than 7 million votes from around the world, with approximately 75% of participants under 30 years of age

Step 3-GPIC promotes awareness of SDGs within the Organization

GPIC Sustainability Reporting committee are conducting awareness presentations to GPIC Employees.

Step 4-GPIC compares its business practices with the SDGs and its targets first quarter 2016

GPIC’s Sustainability Reporting committee compared GPIC’s current business practices to see how they compare and align to the 17 SDGs.

The result was encouraging to know that in one way or another GPIC practices are contributing to the SDGs.

Step 5-GPIC aligned its Corporate sustainability goals with the SDGs and its targets in 2017.

GPIC has mainstreamed SDGs in its business and has shown alignment with its Corporate Goals for 2017/2018

Step 6-GPIC aligned its Departmental sustainability goals with the SDGs and its targets in 2017.

GPIC has mainstreamed SDGs in its business and has shown alignment with its Departmental Goals for 2017/2018

Step 7-GPIC aligned GRI indicators with the SDGs in its GRI Sustainability Report 2016 and 2018

GPIC aligned the Sustainable Development Goals (SDGs) to GRI standards relevant disclosures/ indicators, UNGC principles and GPIC 's contribution. These linkages are based on a more detailed analysis available on the SDG Compass website (www.sdgcompass.org).

Step 8-GPIC provided its SDG related Industry Matrix best practice to UNGC based on UNGC Survey

To solicit examples of how companies are positively contributing to the SDGs through their core business operations and to capture ideas on future opportunities for shared value. GPIC has provided a number of best practices and one is the carbon dioxide recovery project that addresses SDG #12 and 13

Step 9-GPIC promotes awareness of SDGs within the Community



GPIC Sustainability committee and the Youth committee are conducting awareness presentations to Bahrain's School children.




Step 10-GPIC has started to link its initiatives, technical reports with the SDG's
GPIC has started to show linkage to SDGs in technical reports. For example the Company's waste recycling report was linked to target 12.5 of SDG 12 "Responsible Consumption and Production"



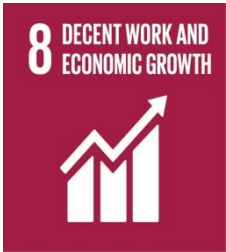
Step 11-GPIC has linked its technical and non- technical projects with the SDG's
At GPIC, now the SDGs are part of the work flow for all the Capex and Modifications as part of the MOC system



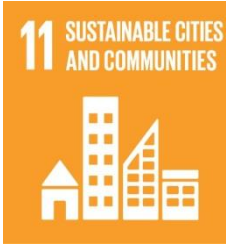

Linking the SDGs and GRI and GPIC's contribution




The following table links the Sustainable Development Goals (SDGs) to GRI standards relevant disclosures/ indicators, UNGC principles and GPIC 's contribution. These linkages are based on a more detailed analysis available on the SDG Compass website (www.sdgcompass.org) and also the document from UNGC “



SDGs	UNGC Principles	GRI Disclosures/ Indicators	GPIC's contribution
 <p>1 NO POVERTY</p>	<p><u>UNGC Principle #1,2,3,4,5,6</u></p>	<p><u>GRI 103-2, 202-1, 203-2, 413-2</u></p>	<p>NO POVERTY: Contributing to economic growth, job creation and trade; Producing fertilizer that increases income of farmers worldwide.</p>
 <p>2 ZERO HUNGER</p>	<p><u>UNGC Principle #1,2,7,8,9</u></p>	<p><u>GRI 201-1, 203-1, 203-2, 411-1, 413-2</u></p>	<p>ZERO HUNGER: Work with IFA and AFA on trainings on fertilizer use to increase food production; issued use of Urea fertilizer booklet to Bahraini Farmers ;In continuation to Promoting the UN “International Year of Pulses” 2016 campaign and integrating pulses into the GPIC canteen menu, GPIC celebrated the Global Pulses Day on January 18 2017 encouraging employees to make pulses part of their food habits; GPIC & IFA President promotes Pulses Day in schools in Bahrain and sponsors UNESCO schools exhibition in 2016; GPIC has produced more than 12.9 million tonnes of granular urea since 1998 and a total of more than 40.6 million tons of ammonia, methanol and granular urea since 1985.</p>

	<p>UNGC Principle <u>#1,2,3,4,5,6,10</u></p>	<p>GRI 203-2, 305-1, 305-2, 305-3, 305-6, 305-7, 306-1, 306-2, 306-3, 306-4, 403-2, 403-3</p>	<p>GOOD HEALTH AND WELL BEING: Health and Safety for employees, their families and contractors; Full health insurance and health campaigns; Health training and lectures. • GPIC’s First Aid training and Community outreach programme with National Safety Council(NSC)-USA which started in 2012 is continuing and to date we have trained more than 400 employees, contractors, industrial and university students, summer camp children, employees’ wives and others. Defensive driving training, campaigns on” Mobiles free driving” to save lives.</p>
	<p>UNGC Principle #1,2</p>	<p>GRI 102-27, 404-1</p>	<p>QUALITY EDUCATION: Training opportunities for employees and industrial trainees; Supporting InJaz and Ministry of Education programs; Providing scholarships and honoring high achieving students; Giving international lectures and presentations to other industries and institutions.</p>
	<p>UNGC Principle <u>#1,2,3,4,5,6</u></p>	<p>GRI 103-2, 201-1, 203-1, 401-1, 401-3, 404-1, 404-3, 405-1, 405-2, 406-1, 414-1, 414-2</p>	<p>GENDER EQUALITY: Women are represented in training, events, committees, audits, etc... Equal opportunities council includes equal remuneration and promotion of women in the workplace; GPIC committed to UN Global Compact Women’s Empowerment Principles WEPs in 2014. Latest initiatives include showing support to Government’s initiative of declaring 2017 as the year for Bahraini Women working in the Engineering field. To contribute to this initiative GPIC has included a number of women engineers in all the phases of its</p>

			new project” the installation of a UF 85 plant” GPIC has elevated the Equal opportunities committee to the Equal opportunities council.
	UNGC Principle <u>#1,2,7,8,9</u>	<u>GRI 303-1, 303-2, 303-3, 304-1, 304-2, 304-3, 304-4, 306-1, 306-2, 306-3, 306-5</u>	CLEAN WATER AND SANITATION: GPIC’s Long Term Sustainability Goals include water conservation; Energy efficiency (water+energy nexus); Campaigns to reduce water use.
	UNGC Principle <u>#1,2,7,8,9</u>	<u>GRI 201-1, 203-1, 302-1, 302-2, 302-3, 302-4, 302-5</u>	AFFORDABLE CLEAN ENERGY: GPIC’s Long Term Sustainability Goals include increasing renewable energy and energy efficiency; ISO 50001 certification; Ongoing projects and campaigns to save energy; Installation of Energy efficient lighting LEDs. Since 2013 we have installed 4292 LEDs within our complex, replacing conventional lights, resulting in an energy saving of 1120.38 MWH/Y, a cost saving of US\$ 83688 and a CO2 emission reduction of 557.56 tons/year.
	UNGC Principle <u>#1,2,3,4,5,6</u>	<u>GRI 102-8, 102-41, 103-2, 201-1, 202-1, 202-2, 203-2, 301-1, 301-2, 301-3, 302-1, 302-2, 302-3, 302-4, 302-5, 303-3, 401-1, 401-2, 401-3, 402-1, 403-1, 403-2, 403-3, 403-4, 404-1, 404-2, 404-3, 405-1, 405-2, 406-1, 407-1, 408-1, 409-1, 414-1, 414-2</u>	DECENT WORK AND ECONOMIC GROWTH: Providing jobs, contribution to Bahrain’s economy and supporting local contractors; Sponsoring events in the community to boost economic growth. GPIC has injected since inception US\$ 4.598 billion in the national economy.

	<p>UNGC Principle <u>#3,4,5,6,7,8,9</u></p>	<p>GRI 201-1, 203-1</p>	<p>INDUSTRY, INNOVATION & INFRASTRUCTURE: Innovation Committee campaigns and activities; Support innovation in the community (e.g. university research, InJaz innovation camp). Latest initiative is the departmental innovative projects. In acknowledgement of its great strides towards innovation, GPIC has won the first Mohammed Rashid bin Maktoum Business Innovation Award in 2017 and 2019</p>
	<p>UNGC Principle <u>#1,2,3,4,5,6,10</u></p>	<p>GRI 203-2, 405-2</p>	<p>REDUCE INEQUALITIES: Responsible Care protects wellbeing of all people involved with the company's business; Sharing expertise with all industry regardless of size or position; equal employment opportunities; Injaz – working with all schools to develop skills and knowledge. Since most of the world's poor are subsistence farmers, fertilizers help farmers to increase their incomes.</p>
	<p>UNGC Principle <u>#1,2,7,8,9</u></p>	<p>GRI 203-1</p>	<p>SUSTAINABLE CITIES AND COMMUNITIES: GPIC's Long Term Sustainability Goals are in line with Bahrain's Vision 2030; Contributing to Bahrain's community and events (exhibitions, farmers' market, etc.).</p>
	<p>UNGC Principle <u>#7,8,9</u></p>	<p>GRI 204-1, 301-1, 301-2, 301-3, 302-1, 302-2, 302-3, 302-4, 302-5, 303-3, 305-1, 305-2, 305-3, 305-6, 305-7, 306-1, 306-2, 306-3, 306-4, 417-1</p>	<p>RESPONSIBLE CONSUMPTION & PRODUCTION: Resource efficiency; Energy conservation and efficiency, high on-stream factor resulting in less venting and flaring. Maintaining air and water quality. Continuously increasing recycling and reuse (e.g. cardboard recycling began in 2015); Ongoing campaigns to reduce waste and encourage recycling; currently underway</p>

			with several optimization projects around sustainable resource efficiency. Sustainability Reporting and advocating it as part of target 12.6.
	<p><u>UNGC Principle #7,8,9</u></p>	<p><u>GRI 201-2, 302-1, 302-2, 302-3, 302-4, 302-5, 305-1, 305-2, 305-3, 305-4, 305-5, 305-6, 305-7</u></p>	<p>CLIMATE ACTION: Bahrain committed to reducing its CO2 emissions at the UN COP 21 conference in Paris (2015).; GPIC shared its CO2 emission reduction initiatives at the National level and the same were included in Bahrain’s INDC submitted to UNFCCC prior to COP21 agreement. Post COP 21, GPIC is working with NOGA on measuring and managing its CO2 emissions; GPIC has issued four reports on GHG inventory based on IPCC guidelines in 2016 ,2017, 2018 & 2019. Carbon Dioxide Recovery (CDR) and Urea plants are main contributors to CO2 emission reduction at GPIC.</p>
	<p><u>UNGC Principle #7,8,9</u></p>	<p><u>GRI 304-1, 304-2, 304-3, 304-4, 305-1, 305-2, 305-3, 305-4, 305-5, 305-7, 306-1, 306-3</u></p>	<p>LIFE BELOW WATER: Seawater outfall monitoring to protect sea life; Maintaining the Fish Farm ; Following strict marine standards for shipping products internationally; Fish were released in GPIC’s Fish Farm in 2018 in the presence of UN Environment Director and the school children, showing commitment to SDG 14.</p>
	<p><u>UNGC Principle #7,8,9</u></p>	<p><u>GRI 304-1, 304-2, 304-3, 304-4, 305-1, 305-2, 305-3, 305-4, 305-5, 305-7, 306-3, 306-5</u></p>	<p>LIFE ON LAND: Engaging with Supreme Council for Environment on developing Bahrain’s Biodiversity Strategy and online biodiversity database; Increasing employee awareness on biodiversity. Biodiversity related projects at GPIC (Bird sanctuary, fish farm, mangroves plantation, date palm trees etc.).</p> <p>Participating in UN ‘s Green Wave Campaign since 2015 , distributing 2,800 saplings in 70 schools since inception.</p>


	<p><u>UNGC Principle</u> <u>#1,2,3,4,5,6,10</u></p>	<p><u>GRI 102-16,</u> <u>102-17, 102-21,</u> <u>102-22, 102-23,</u> <u>102-24, 102-25,</u> <u>102-29, 102-37,</u> <u>103-2, 205-1,</u> <u>205-2, 205-3,</u> <u>206-1, 307-1,</u> <u>406-1, 408-1,</u> <u>410-1, 414-1,</u> <u>414-2, 415-1,</u> <u>416-2, 417-1,</u> <u>417-2, 418-1,</u> <u>419-1</u></p>	<p><u>PEACE JUSTICE AND STRONG INSTITUTIONS:</u> Aligned with human rights and labour laws; Working with National Institute of Human Rights(NIHR) and Judicial Council to train and develop their staff.</p>
	<p><u>UNGC Principle</u> <u>#1,2,3,4,5,6,7,8,9,10</u></p>	<p><u>GRI 203-2</u></p>	<p><u>PARTNERSHIPS FOR THE GOALS:</u> Ongoing partnerships (e.g. UN Environment, Ministry of Education, InJaz, universities); founding of GPCA; working with the National Institute of Human Rights NIHR), Judicial High Council, IFA, AFA and encouraging other companies to do the same.</p>

GPIC's Long-Term Sustainability Goals - A Vision for the Long-Term



Over the past, we have set and implemented goals that were critical to improve our environmental, health, safety, economic and social performance and governance. However, in 2014 we aimed to look beyond the horizons and incorporate significant long-term goals that will help us meet our ambitions around sustainability and provide our organization and our stakeholders with the recognition for their efforts.

Our long-term goals aim to make a greater impact via scaling up our contribution and efforts towards the UNGC principles, and in helping us align our organization's impact as a positive contributor towards the strategic 'Bahrain's Economic Vision 2030'. We have also shown alignment to the UN's Sustainable Development Goals.

Area		Sustainability Goals	Target	Programmes	SDG
PEOPLE	Safety, Health, Security	Protection of Human Health, Safety	Zero Lost Time Accidents	Enhance SHE culture until it becomes an established natural behaviour.	
		To ensure availability and readiness of security systems at 100% all the times	Security readiness	Ensure Robust security and 100% readiness at all times Security readiness will be tried and tested through exercises held throughout the year. Communication with national bodies NSA, Police and Traffic Directorate.	
	Corporate Social Responsibility	Supporting community and community initiatives	Strategic Philanthropy: Sustained financial contributions to NGOs, Educational institutions, charity organizations etc.	Financial contributions and capacity building an important segment of our CSR activities.	
			Outreach: Achieve yearly target of schools environmental awareness lectures	GPIC Employees to Impart environmental and responsible care awareness lectures to schools.	
			Innovation: Sustained support to GPIC/Ministry of Education Environmental Research Programme for schools	GPIC in collaboration with the Ministry of Education, Kingdom of Bahrain supports and manages the yearly Environmental Research Programme for the public and private schools in Bahrain.	

		Commitment to 1)UN Global Compact(UNGC) Principles 2) Food and Agriculture Business Principles (FAB)3)Women's Empowerment Principles(WEPs) 4) UN's 17 SDGs	Ensure implementation of the universally accepted 10 principles of the UNGC & the 6 FAB Principles, WEPs and the SDGs	Yearly reporting to UNGC - Communication on Progress(COP) and the Biennial GRI Sustainability reporting. Alignment of GPIC business functions with the SDGs.	 
	Learning and Growth	Development of Human Capital	Achieve yearly target of qualifying local talent to take responsible positions within the Company	Invest in employees by providing continuous development and training opportunities.	

Area		Sustainability Goals	Target	Programmes	SDG
PLANET	Environmental Sustainability	Expand the use of renewable energy at GPIC	Provide Solar Energy to non-process area buildings by 2019	Implementation of the related Solar Energy Capex Projects in a phased manner.	
		Phase out Ozone depleting and global warming potential HCFC 's including R-22 as refrigerants from GPIC	Replace R-22 Refrigerant AC units	Implementation of the related Capex Projects in a phased manner. Replace R-22 Refrigerant AC units in 9 phases starting 2015 and completing by 2023.	
		Reduce Green House Gas (GHG) emission levels	Reduce GHG emissions below 2014 levels for the existing plants	Ensure efficient and continued operation of carbon dioxide recovery plant. Maintain the current greenery projects and explore further expansion. Maintain efficient and continued operation of all the plants to have minimum possible flaring and venting of GHGs mainly carbon dioxide and methane.	
		Optimize energy consumption so that every saleable tonne of product is attained within the	Energy consumption <= 7.9 Gcal/MT of combined product	Maintain all equipment to operate efficiently and effectively.	

		target level of energy consumption		Explore & implement projects with energy conservation potential with focus on significant energy uses.	
		To ensure Compliance to Environmental Legislation	100% compliance to Bahrain Environmental Legislation	100 % Compliance to Environmental legislation.	
		Reduce water consumption	Increase recycle / Reuse of waste water streams	Explore & implement projects with water conservation potential	



Area	Sustainability Goals	Target	Programmes	SDG
PROFIT	Maintaining the financial Health of the Company	Target Debt to Equity Ratio to optimum lowest	Optimize costs, inventories, expenditures and resource utilisation to maintain financial health of the company.	
	Economic Sustainability	Tap in potential areas of Growth	Implementation of GPIC Corporate Strategic plan 2030, tapping in potential areas of Growth.	
		Implementation of GPIC Corporate Strategic plan 2030	Debottlenecking of existing facilities for improved energy efficiency and enhanced production capacities	Explore all opportunities to enhance production of all the production plants, improve efficiencies by adopting energy saving and conservation concepts throughout the complex, and also to explore major enhancement opportunities that aim at optimising production cost and improve efficiency.
Business Process Excellence	Optimizing plants (Ammonia, Methanol and Urea) availability	Actual on-stream factor >= budget on stream factor	Enhance reliability and efficiency of plants and ensure Optimum Plants availability.	

PHOTO SERIES HIGHLIGHTING GPIC'S ENGAGEMENT WITH THE YOUTH FOR THE SUSTAINABLE DEVELOPMENT GOALS



GPIC wins the King Hamad International Award for Youth Empowerment in the private sector category for achieving the Sustainable Development Goals. The award was received by the President of GPIC, Dr. Abdulrahman Jawahery from His Majesty the King.



GPIC's Chairman, President, Executive Management and summer camp students at the GPIC Club highlighting Leadership commitment towards youth engagement and SDGs



Bahraini School children passionately committed to SDGs

Making SDGs a Reality at GPIC



Bahraini School children releasing fish in the GPIC's Fish Farm in the presence of the Company's President and UN Environment Regional Director. A Contribution to SDG 14- Life below water

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SUSTAINABLE DEVELOPMENT GOALS

