

JCET

## EHS Policy

People-oriented, comprehensive management, overall protection of health and safety  
Energy saving and consumption reduction, cleaner production, prevent and control environmental pollution  
Integrity and law-abiding, continuous improvement, create safe and green JCET together

### Environment, Health and Safety Objectives

To operate our process with minimum environmental impact and occupational health and safety hazards by adopting best available technologies, compliance of relevant legislation and highest standard of safe practices.

To continue to evaluate, review and improve our performance in environment, health and safety practices.

To implement comprehensive program to prevent potential occupational risk and reduce negative impact to the environment.

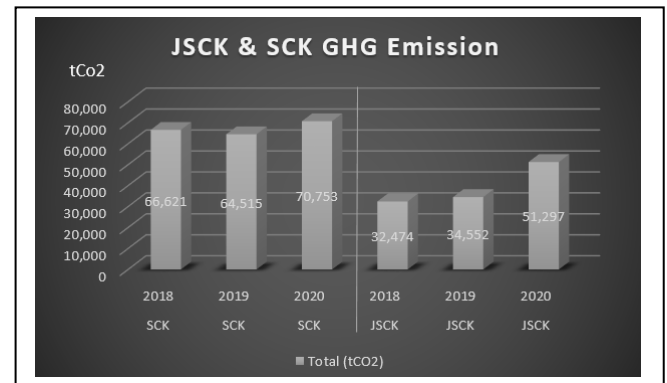
### Our Environmental, Health and Safety Goals

10 years goal from 2019 to 2028:

- Reduce energy consumption / CO2 emission per unit by 30% using 2018 as baseline
- Re-use / recycle >20% of water purchased
- Recycle > 70% of hazardous and non-hazardous waste generated
- Achieve world-class safety performance in terms of accident frequency and severity rate lower than industry benchmark > 2020 Electronic Product Benchmark (Source: Ministry of Manpower, Singapore) per million man-hours worked.
  - ❖ Accident frequency rate (FR) = 0.7
  - ❖ Accident severity rate (SR) = 10

## Greenhouse Gas Emissions

Carbon management is an integral part of JCET's business. We monitor CO2 emissions through GHG inventory. In 2020, SCS greenhouse gas emissions from production facilities (Scopes 1 and 2) were 74,773 tCO<sub>2e</sub>, a decrease of 16% since 2018. For JSCK and SCK, there is an increased in greenhouse emission due to the expansion of facilities and productions. We will proactively implement all types of energy conservation programs and continue to comply with green building standards as we build new systems and modernize existing ones.



\* Korea electricity emission factor is 0.4653tCO<sub>2</sub>/MWh

## 我们的环境健康和安全政策

以人为本，综合治理，全面保障健康安全  
节能降耗，清洁生产，预防和控制环境污染  
诚信守法，持续改进，同创安全绿色长电

### 环境、健康和安全管理目标

通过采用最佳可用技术、遵守相关法规和最高标准的安全实践，以最小的环境影响和职业健康与安全危害运行我们的流程。

继续评估、审查和改进我们在环境、健康和安全管理方面的表现。

实施全面的计划，以防止潜在的作业风险并减少对环境的负面影响。

我们的环境、健康和安全管理目标

### 2019年至2028年的10年目标：

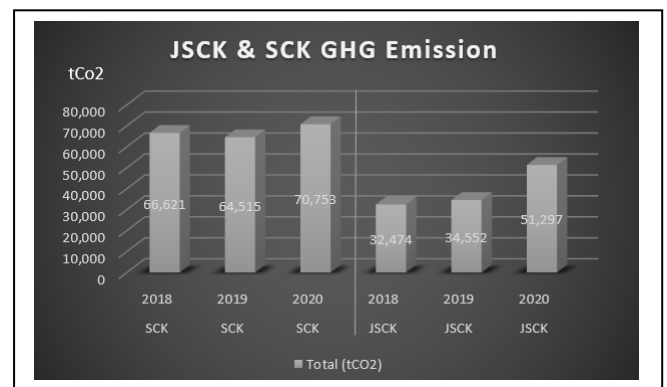
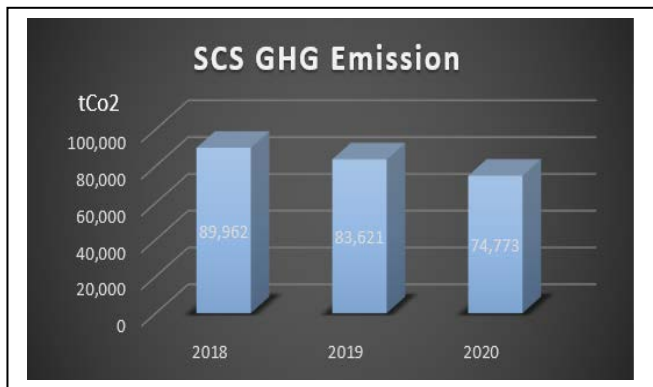
- 以2018年为基准，将单位能耗/二氧化碳排放量降低30%
- 再利用/回收超过20%的购买水
- 回收 > 70% 的有害和无害废物
- 在事故频率和严重程度方面实现世界一流的安全性能，低于行业基准 > 2020年电子产品基准（来源：新加坡人力部）每百万工时。

❖ 事故频率 (FR) = 0.7

❖ 事故严重率 (SR) = 10

## 溫室氣體排放與管理

碳管理是 JCET 业务的一个组成部分。我们通过温室气体清单监测二氧化碳排放。2020 年，来自生产设施（范围 1 和 2）的 SCS 温室气体排放量为 74,773 tCO<sub>2</sub>e，自 2018 年以来下降了 16%。对于 JSCK 和 SCK，由于设施和生产的扩张，温室气体排放量有所增加。我们将积极实施所有类型的节能计划，并在构建新系统和对现有系统进行现代化改造时继续遵守绿色建筑标准。



韩国电力排放因子为 0.4653tCO<sub>2</sub>/MWh