



# SLDE and GHG Calculator

## Why in News

Recently, the government has launched the **Secured Logistics Document Exchange (SLDE)** along with a **Calculator for GreenHouse Gas (GHG) Emissions** to boost **Ease-Of-Doing Business** in the country.

- In **World Bank's** Ease-Of-Doing Business **Report, 2020** India **was ranked 63** out of 190 countries.

## Key Points

### ▪ Secured Logistics Document Exchange:

- The SLDE platform is a solution to **replace the present manual process of generation, exchange and compliance of logistics documents** with a digitized, secure and seamless document exchange system.
- It will **enable generation, storage and interchange of logistics-related documents digitally** using **Aadhaar** and **blockchain**-based security protocols for data security and authentication
- It will also provide **a complete audit trail of document transfer**, faster execution of transactions, **lower cost of shipping and overall carbon footprint**, easy verification of authenticity of documents, lowered risk of fraud, etc.

### ▪ GreenHouse Gas Emission Calculator:

- The GHG Calculator is an efficient, **user-friendly tool and provides for calculating and comparing GHG emissions** across different modes.
- It allows for **commodity-wise comparison of GHG emissions** and total cost of transportation, including their environmental cost, between movement by road and rail.
- The tool is intended to **facilitate appropriate modal choice for all concerned**.

### ▪ Benefits:

#### ◦ Improved Efficiency:

- Initiatives will improve **logistics efficiency, reduce logistics cost, and promote multi-modality and sustainability** in a big way, also help **fill the gap areas** where no action has yet been taken either by private players or any of the line ministries.

#### ◦ Achieving Targets:

- It will help achieve the targets of **improved India's ranking in Logistics Performance Index (LPI)**, reduction in logistics cost and establishment of indigenous India-specific metrics for continual improvement in logistics.

- India ranked **44<sup>th</sup> on the LPI in 2018**.

### ▪ Related Initiatives:

- **Dedicated Freight Corridor (DFC):**

- It is a **high speed and high capacity railway corridor** that is exclusively meant for the transportation of freight, or in other words, goods and commodities.
- [National Logistics Law 2020:](#)
- It aims **to streamline the logistics ecosystem in the country**, with a view to promote growth of the sector and also to add impetus to enhance export competitiveness and ranking in LPI.
- [Logix India 2019:](#)
- It was organized by the Ministry of Commerce & Industry and the [Federation of Indian Export Organisations \(FIEO\)](#) as an **initiative to improve logistics cost effectiveness** and operational efficiencies for India's global trade.
- [Multimodal Logistics Park:](#)
- The park will **reduce trade cost by 10%** and have cargo capacity of 13 million metric tons (MMT) per year.
- [Fast Tracking Freight in India:](#)
- Recently it was launched to make goods transport cost-effective and **to reduce India's logistics cost.**
- [Port Community System 'PCS1x':](#)
- The platform has the **potential to revolutionize maritime trade in India** and bring it at par with global best practices and pave the way to improve the Ease of Doing Business world ranking and **LPI ranks.**

**[Source: PIB](#)**

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