

LEAN & GREEN LOGISTICS

Overall Objective

Lean and Green Logistics is a community driven program that aims to encourage companies to move to a higher level of sustainability for their logistics & transportation processes, by taking measures that yield cost savings and at the same time reduce the burden on the environment. The goal of Lean and Green is to realize a minimum of 20% CO2 reduction in maximum five years.

Governance & Funding

Program Type	Industry-led program launched by a Dutch non-profit network called Connekt in 2008 and became a European wide initiative with 600+ participants.
Secretariat	In Luxembourg the program is hosted by the Cluster for Logistics
Funding Source	Lean and Green is supported entirely by members who pay a one-time membership fee to Lean and Green. This financial independency is in Luxembourg made possible by the ministry of Mobility and Public Works. Fees are based on a Cluster for Logistics Membership and are 2.950€ for members and 3.250€ for non-members.

Program Scope

Geography	European wide program with national hosts in the Netherlands, Germany, Belgium, Luxembourg, Italy, Ireland, Spain and Switzerland.
Mode	Road, Rail, Inland Waterways and Air
Members	Companies offering or purchasing logistics activities: Shippers, carriers, logistics service providers, municipalities and transshipment centers.
Emissions	CO2 although members can voluntarily include CO2e, air pollutants and black carbon
Solutions	The program allows members to include any actions in their Action Plan to reach the 20% reduction target, which may cover vehicles/vessels, fleet movement, modal shift and fuels.

Program Components

Targets	Members commit to a minimum target of 20% CO2 reduction per tonne-km (or comparable unit) over a maximum 5-year period covering at least 50% of their logistics operations.
Actions	Members must develop an Action Plan with improvement strategies (e.g. improving driver performance, utilization rates increasing, trips coordination, advanced dispatching, adoption of clean fuels, modal shift). An independent institute reviews whether the Action Plans are realistic to meet targets and thereby approves the plans.
Measurement Reporting & Verification	Members calculate CO2 emissions using the program's emissions calculation handbook consistent with the GHG Protocol and EN 16258.
Labels & Recognition	The program operates a label and award scheme: Members with an approved Action Plan receive the Lean and Green Award; Members that achieve the 20% emission reduction target within 5 years receive a 1 st Star. The Lean & Green initiative is a continuous program so that members are motivated to achieve emissions reductions up to the 5 th Star.