



Greenhouse Gas (GHG) footprint calculator

Design-build BHS system



The Solution

This GHG calculator was designed by TG Concept to assess the amount of GHG emissions emitted from a project, from cradle to grave.

- Each stage of the life-cycle of every equipment installed (Production, Distribution, Usage (maintenance and exploitation, including energy consumption), End of life management)
- For each equipment of the system
- Estimation of the impact of project management (travelling, movement on the job site, temporary equipment etc.)
- Based on verified data (Life cycle analysis of a conveyor, vetted by footprint experts)



Benefits

- Raise awareness on the impact of the project
- Gives an indicator to compare the impacts of different projects or options
- Helps in choosing the best environmental and technical solution
- Better understanding of the system and its biggest impacts
- Provide keys for continuous improvement, eco-design and energy savings solutions

