



## Sustainable innovative power In balance

Public transport is the most environment-friendly means of transport. Strukton Rail, which has been active in the public transport sector since it came into existence, feels a natural bond with the environment. Strukton Rail therefore naturally commits itself to agreements and initiatives to reach a better environment. The company has shown sustainable innovative power for years.

### Balance

Corporate Social Responsibility (CSR) goes beyond climate and sustainability. It also very clearly addresses people and the care we want to take, as an employer, with our own people. Strukton has formulated a CSR balance in which the interests of the people, environment and company are central. Strukton wants to reach a balance between those interests and has formulated programmes as part of its CSR policy.

### People

Strukton Rail wants to get most out of its people, not only from a technical point of view, but also as to personal skills. The company therefore attaches great value to the training and education of its staff members in the fields of safety & environment and in technical and personal skills. Generally, all Strukton staff members are encouraged to operate from an awareness of the environment.

### Environment

Strukton Rail feels a natural bond with the environment. The company involves both its own employees and its suppliers and other stakeholders with its efforts to reach a better environment. Strukton wants to be a good business partner and a good neighbour. That means that we are concerned with matters both inside and outside of the project sites, matters like safety and ensuring a good opening up of projects.



Strukton sometimes opts for a sustainable solution that may not seem obvious at first sight. An example is that we have chosen to work with timber from responsible sources in Scandinavia rather than timber carrying the FSC label. The reason is that, in our opinion, this label does not guarantee the production is really responsible.

### Company

We focus on the reduction of CO<sub>2</sub> and other fine particles and take many initiatives to do so. Examples of Strukton Rail's environmental awareness are initiatives to reduce fuel consumption, energy-saving logistic solutions and working methods, and the use of green energy. Some examples:

- energy-saving ways of mobility and logistics
- optimisation of our machines by e.g. equipping them with diesel particular filters, optimising the energy consumption at idling speed, etc.



Strukton received the highest level on ProRail's CO<sub>2</sub> Performance Ladder in 2010, which indicates that Strukton is aware of and takes initiatives to reduce not only its own CO<sub>2</sub> production but also the CO<sub>2</sub> production in the industry. In addition, several projects of Strukton, including the construction of the Hanze Line, have been awarded the 'Bewuste Bouwers' label for conscious contracting. The inspectors judging projects for this label base their inspection on care for the surroundings, employees and the environment.

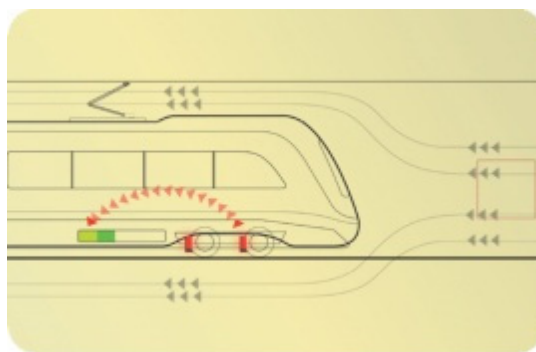
### Suppliers

Strukton Rail wants to do business in a socially responsible way, together with customers, staff members, partners and suppliers. The company encourages its suppliers to deliver sustainable products and pursue sustainable management. In its sustainability statement, Strukton Rail expresses the ambition to realise a sustainable procurement process together with its strategic suppliers and partners.

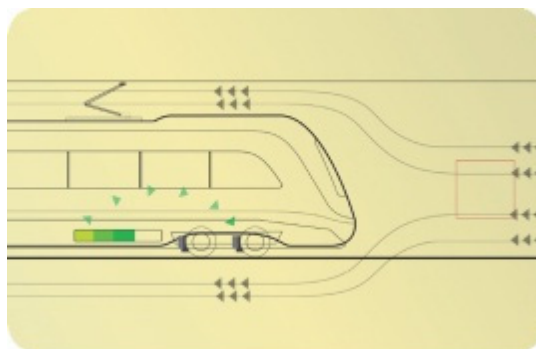


### Sustainable initiatives

Strukton Rail takes several initiatives to reduce the CO<sub>2</sub> emission in the sector. The company developed traction systems for rolling stock that make sure that the motor of a train does not get more power than necessary. If the train brakes, the power will be fed back to the electricity grid. This saves power consumption by 15 to 25%, or even 30% in older trains. Strukton Rolling Stock has also initiated the development of a concept using batteries that enable storage of power in the vehicle. The vehicle can use this energy for accelerating, driving without catenary and feeding on-board electrical systems.



*Strukton Rail has developed a concept for retaining kinetic energy*



*The saved brake energy can be recycled*

