



UIC

**Paper for 11th UIC Sustainability Conference Madrid
Category: Energy efficiency and CO2**

CO2-Performance ladder.

Hub Cox on behalf of Barend van Bergen (KPMG).

Because the latter is on holidays and couldn't produce the paper in time.

**Presentation of the paper will be done in close harmony with the Dutch
IM ProRail**

**NL Environment and Spatial
planning**

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1. Purpose of the project

ProRail (IM) has developed the ladder in order to challenge and encourage the companies that participate in their tenders to become aware of and reduce their own CO2 production. In concrete terms: the more effort a company makes to reduce CO2 the more chance that a contract will be awarded.

2. Organization of the Project /Physical tasks of the Project.

See attachment CO2-Performance ladder.

Each company assesses its own CO2 performance based upon the certification scheme and the audit checklists. Then a conformity assessment body (CAB) verifies the data on the basis of the information submitted by the company, such as policy documents, technical reports, management reports, minutes, annual reports, communication procedures and resources. The CAB determines the level achieved and issues the applicable **CO2 awareness certificate**. ProRail accepts all certifying institutions with NEN ISO 14065 accreditation. A transitional arrangement is included in the glossary under CAB. If a company submits a tender to ProRail, the company sends a copy of its certificate with the tender. This applies for all companies that participate in a tendering procedure and that wish to be considered for the award of a contract: from consultancy agency to construction company.

3. Results and Impact on the sustainability performance of Rail.

See attachment CO2-Performance ladder. It only started in December 2009. Taking care together for less CO2 emissions offers important benefits: for ProRail and for the companies they work with. ProRail is making a contribution to the (social) objectives for the long term and future generations. By their CO2 reduction, companies also fulfil their social responsibilities in the conduct of their business and of course increase their chances of contract award and reduce energy consumption (and costs).

4. How succes of the project was or will be measured

See attachment CO2-Performance ladder

5. Why should this paper be rewarded?

- a. It is a very inventive tool to stimulate the companies. Because money is talking and the results are less CO2 emissions.
- b. There is a huge spin off. In April 2010 Railforum (an organization of all kind of companies in the Dutch Railway sector) started working in 2 groups to find out how they could contribute to the CO2 emission reduction in the Dutch railway sector.
- c. This tool can easily be adapted for taxing CO2-emission of the TOC's when they are using the time slots/using the rail.

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