**Electric Removal Truck, Aad de Wit Verhuizingen, Castricum and Amsterdam, The Netherlands**

**Key Words:**
- Low emission technology
- Innovative vehicles
- Innovative operational solutions
- Access rules and restrictions of urban areas
- Environmental standards and policy

**Case Logo:**

Aad de Wit uses now two full electric trucks for removals. Hereby, the company fulfills current and coming environmental rules and regulations implemented in Amsterdam. The company offers now a zero-emission furniture removal service in the city, but in fact they can offer it country-wide. The electricity used by the trucks is 100% green energy (solar and wind energy). Besides, the trucks are more silent compared to conventional removal trucks. Removals by Aad de Wit can be done in a clean and quiet manner.

**Benefits:**

- Lower operational costs
- Better image
- Expensive unique selling point for large sustainable (governmental) tenders and companies that want to show their sustainability.
- Silent trucks
- Limited CO2 emissions and climate change
- Aad de Wit Verhuizingen won the Transport en Logistiek Nederland (TLN) 2012 award for extreme sustainable business operation.
- Electric removal services are offered with the registered trademark “Verhuis Elektrisch” (Remove Electric).

**Starting Point/Objectives/Motivation:**

In 2007, the new company owners had the feeling that they had to stand out because removals are in its basics not an exciting industry. Because they realised the challenges climate change brings, they decided to focus on sustainability. First they only compensated their CO2 emissions. As soon as this became standard in the industry, they looked for other possibilities to distinguish themselves. First they cooperated with an English firm but they only offered small trucks. The best that could be offered at that time but not what they actually wanted. Then they decided to cooperate with the Dutch automotive industry and with them they developed the best they could get now. This was a full electric truck with similar qualities as a conventional truck (except the range). Several partnerships were made to make it financially possible. After this first truck, electric vans etc followed and together with Hytruck, a second truck with a much longer range was developed. Both are now in full operation and make up 40% of the total number of trucks.
Case Description (Cont.):

It is very hard to quantify the benefits of the practice. However, Aad de Wit Removals experience that in general they can ask for business-to-business jobs a 4-10% higher price because they use electric trucks. Therefore, the clients accept a higher price.

Furthermore, they got a lot of free publicity. In the past, the company owner was happy if they had a short article in the local newspaper, now being on national TV is not extraordinary anymore. This autumn, even a Belgian national broadcaster visited Aad de Wit Removals to make a video.

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Transport mode or supply chain elements:

- Road truck
- Delivery van
- Urban removals

Main actors involved

- Transport companies
- City authorities

In the transport sector they are seen as ambassadors and frontrunners in the field of electric mobility. Now even car producers ask them to test new vans etc. because the producer knows Aad de Wit has already a lot of experience and got a lot of publicity.

Aad de Wit Removals uses the trucks (and also the electric vans they have) as ‘driving electric billboards’. This is how they got additional funding for the first electric truck and as ambassadors for electric mobility, they see it as their mission to promote electric mobility in the Netherlands.