



MORE ABOUT... Axane and Roller Pac™

Why is this award important?

This award is a recognition of the progress that Axane has made in this dynamic market. Air Liquide is very focused on the potential ways in which hydrogen can be used as a source of clean energy. The production of energy is having increasingly harmful effects on the environment and public health. Moreover, the consumption of energy per inhabitant in the world is rising steadily while reserves of fossil fuels are diminishing, particularly in developing countries. People, governments and companies worldwide are increasingly aware of the negative impact on our environment. They are looking for solutions that will provide new renewable, clean, safe and effective sources of energy. Axane was created in 2001 to respond to these needs. The Siemens Grand Prize for Innovation demonstrates that the young subsidiary is making progress in the important and exciting area of fuel cell development.

What interest is being shown in the fuel cell?

There is now a consensus in the international scientific community that hydrogen and the fuel cell will be one of tomorrow's alternative energy vectors, making a considerable contribution to the solution of pollution problems. The fuel cell has many advantages:

- Non polluting
- Quiet
- High energy output
- Operates within a wide range of power outputs
- High performance level
- High level of independence
- Simple maintenance

Axane made its entry into the fuel cell market by introducing a complete offer that meets the expectations of different niche markets such as remote sites, rescue systems, domestic applications, cogeneration, small hybrid vehicles, etc. These markets do not currently have a satisfactory energy supply.

Roller Pac™ (see below) is a portable fuel cell powered electrical generator. For more information, visit Axane's website at www.axance.fr.

