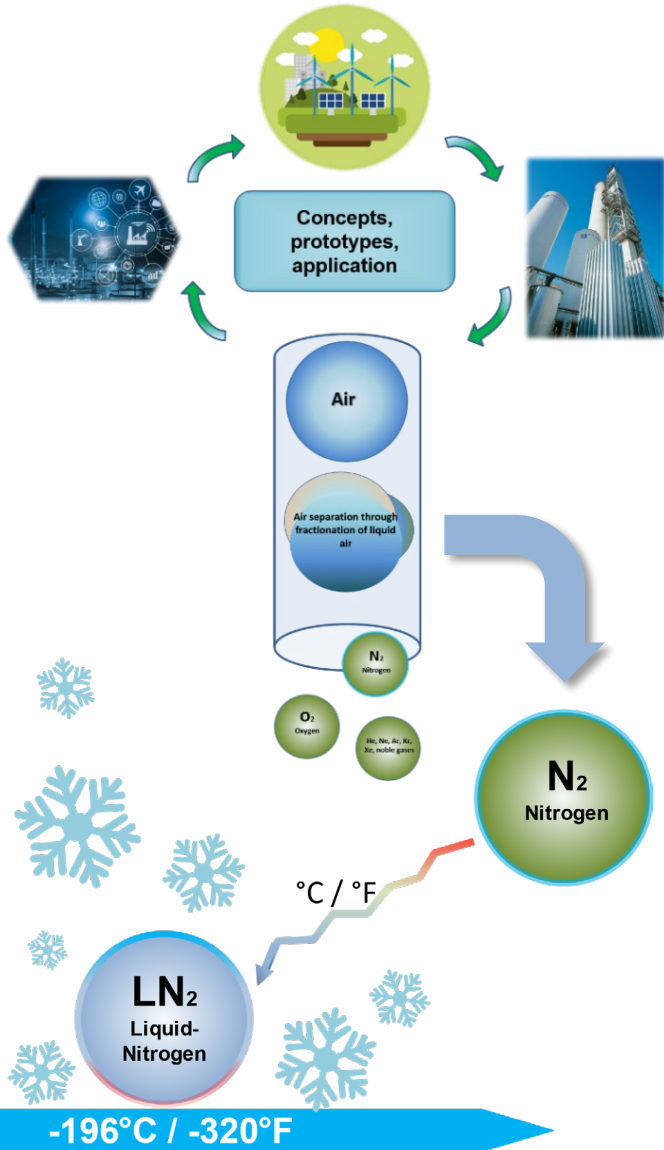
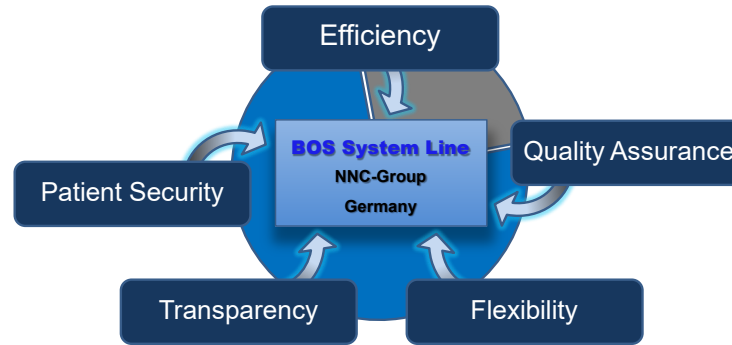


The power of Liquid Nitrogen



Components of the BOS system line



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Flexibility has a name

Biological Organisation Systems

Data centres

Food industry

Pharmaceutical industry

Logistics industry

and more ...

Industrial

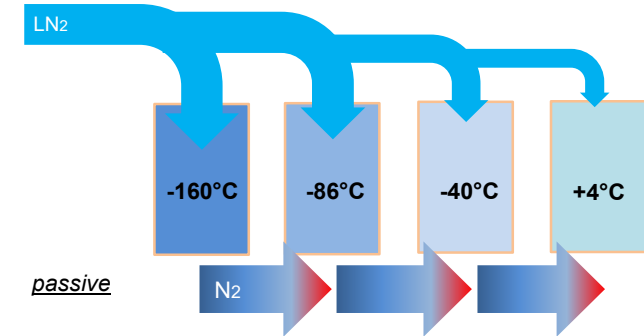
use

Cascading

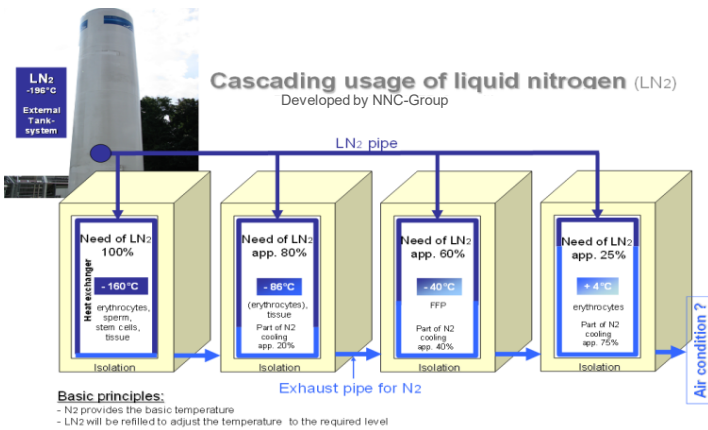
Using and reusing the LN₂ at different temperatures in a series of applications makes sure that less energy is wasted.

Systems with the highest rate of consumption are at the beginning. The „used“ LN₂ gets warmer and will turn into the gaseous state N₂. It is cascading from one system to the next, each needing less energy to reach the desired temperature.

active



passive

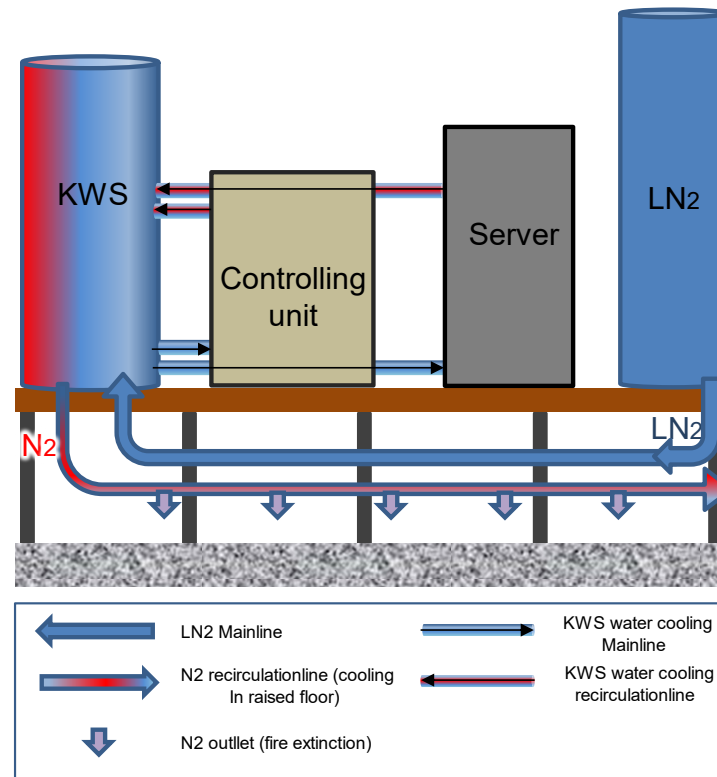


LN₂ the versatile solution

Data Center cooling and protection

Depending on requirements, data centres can be cooled with a customized LN₂ solution or combined with water cooling.

In conjunction with heat and smoke sensors, the N₂ gas outlets can be used to detect and eliminate possible fires.



Cooling of food and other products

LN₂ can be used to cool a storage room for various products including food.

In addition, the developing N₂ can be used to keep the oxygen content around the root and vegetables low, slowing down the ripening process.

