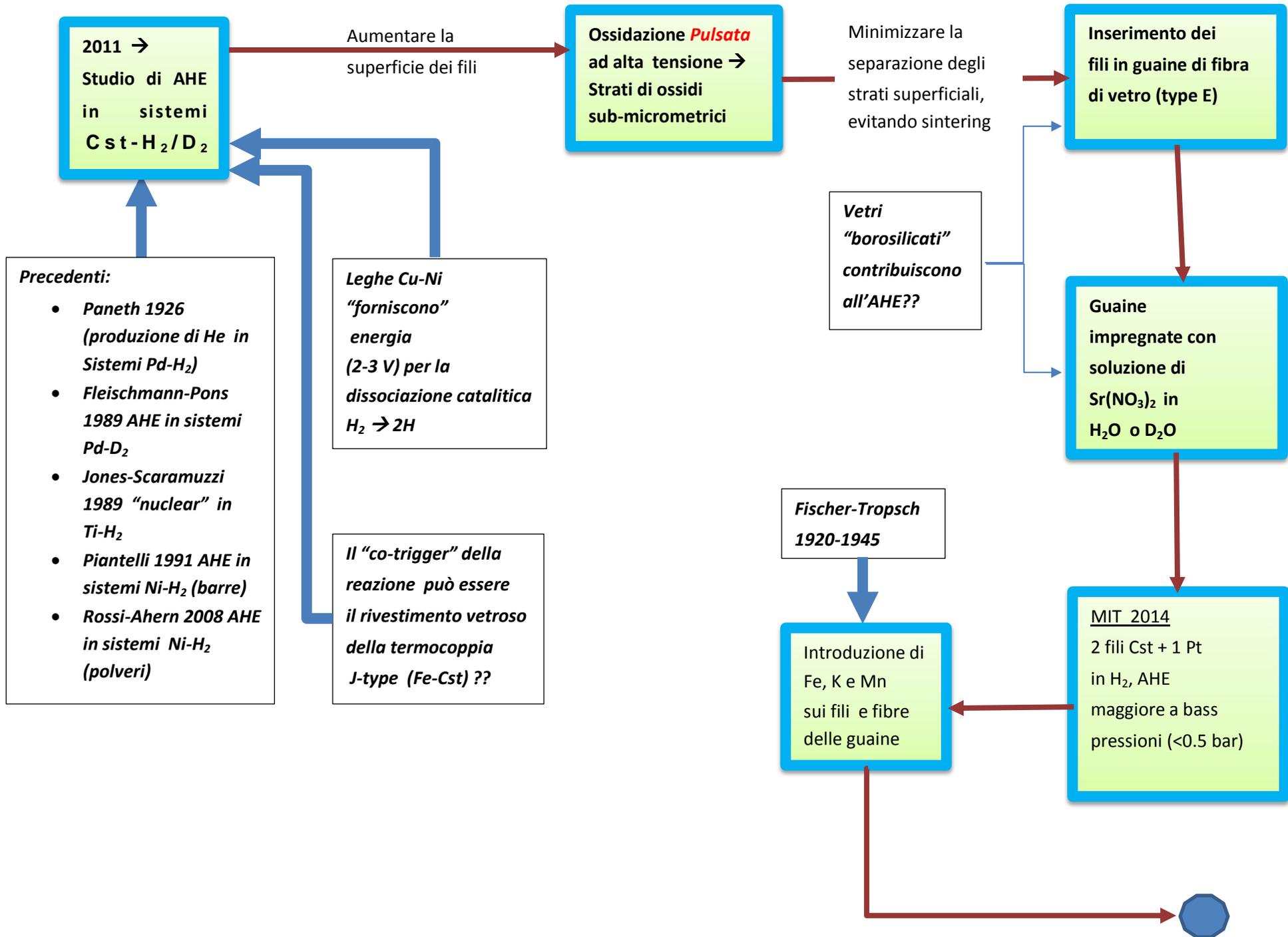
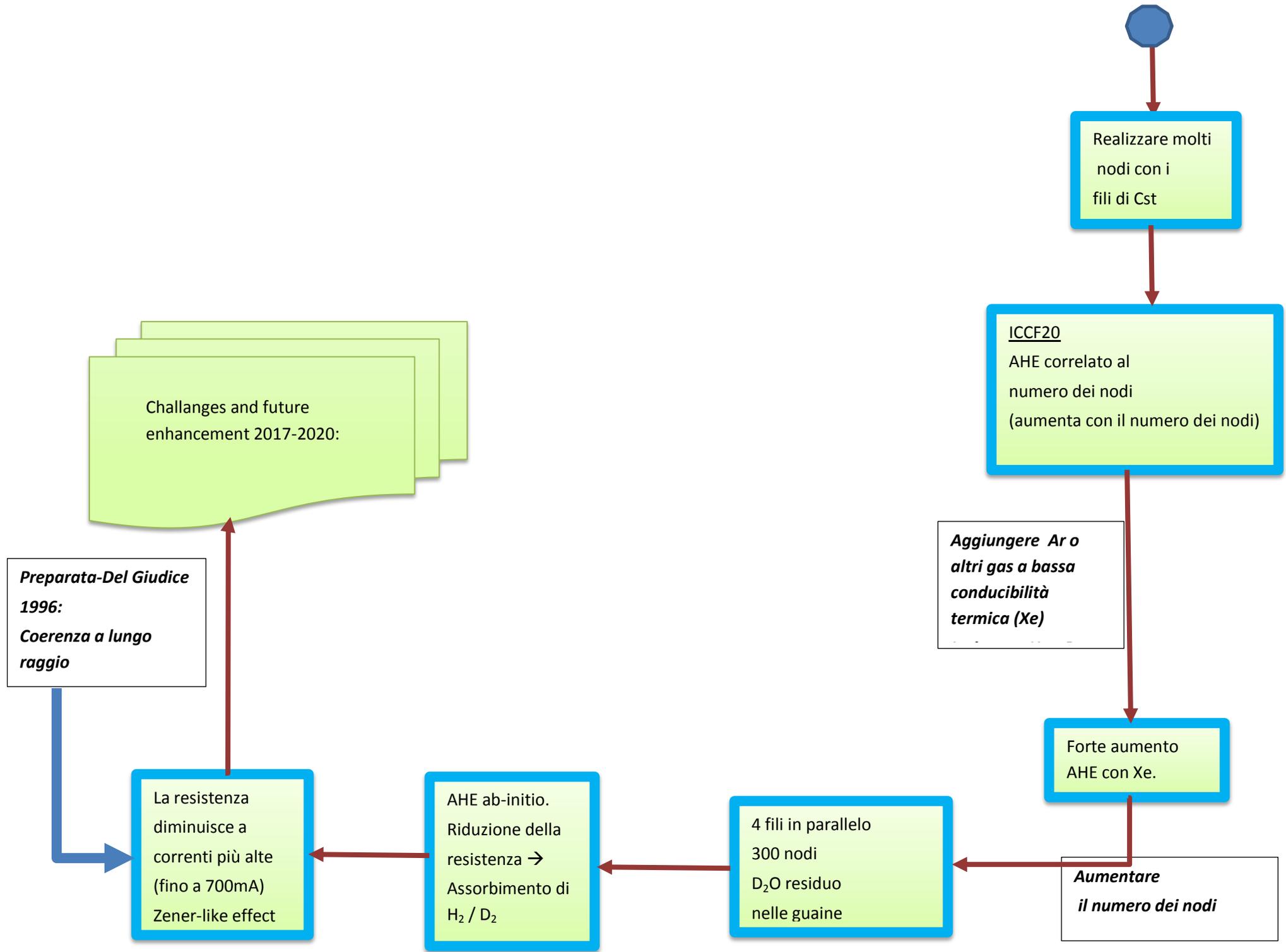


Knowledge path





Conclusions

An experimental program started in 2011 has allowed to significantly increase probability of occurrence and magnitude of AHE phenomena.

It is important to mention:

- The use of Constantan
- The use of direct heating (NEMCA effect*).
- The pulse oxidation of wires to increase surface area towards nano-structures on wires surface.
- The addition of Iron and Potassium.
- The use of Manganese to stabilize the system over time.
- The introduction of knots on the wires.
- The addition of Xenon and Argon to Deuterium.
- The use of thin wires (4x100 μm Vs 1x200 μm).

*Non Faradaic Electrochemical Modification of Catalytic Activity (largely studied/developed by Costas Vayenas (Salonico Univ.) around 1995. First similar observation, un-explained, since around 1905).