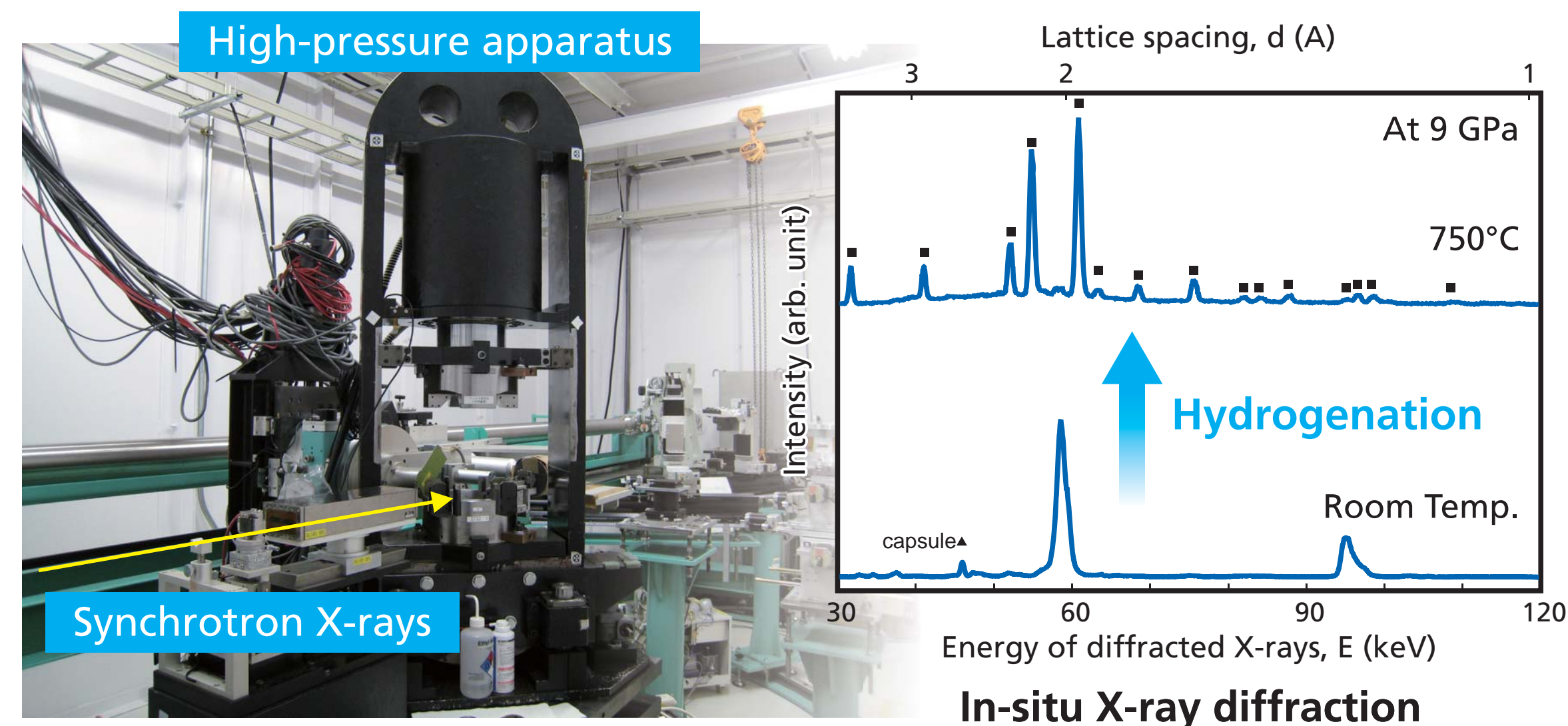
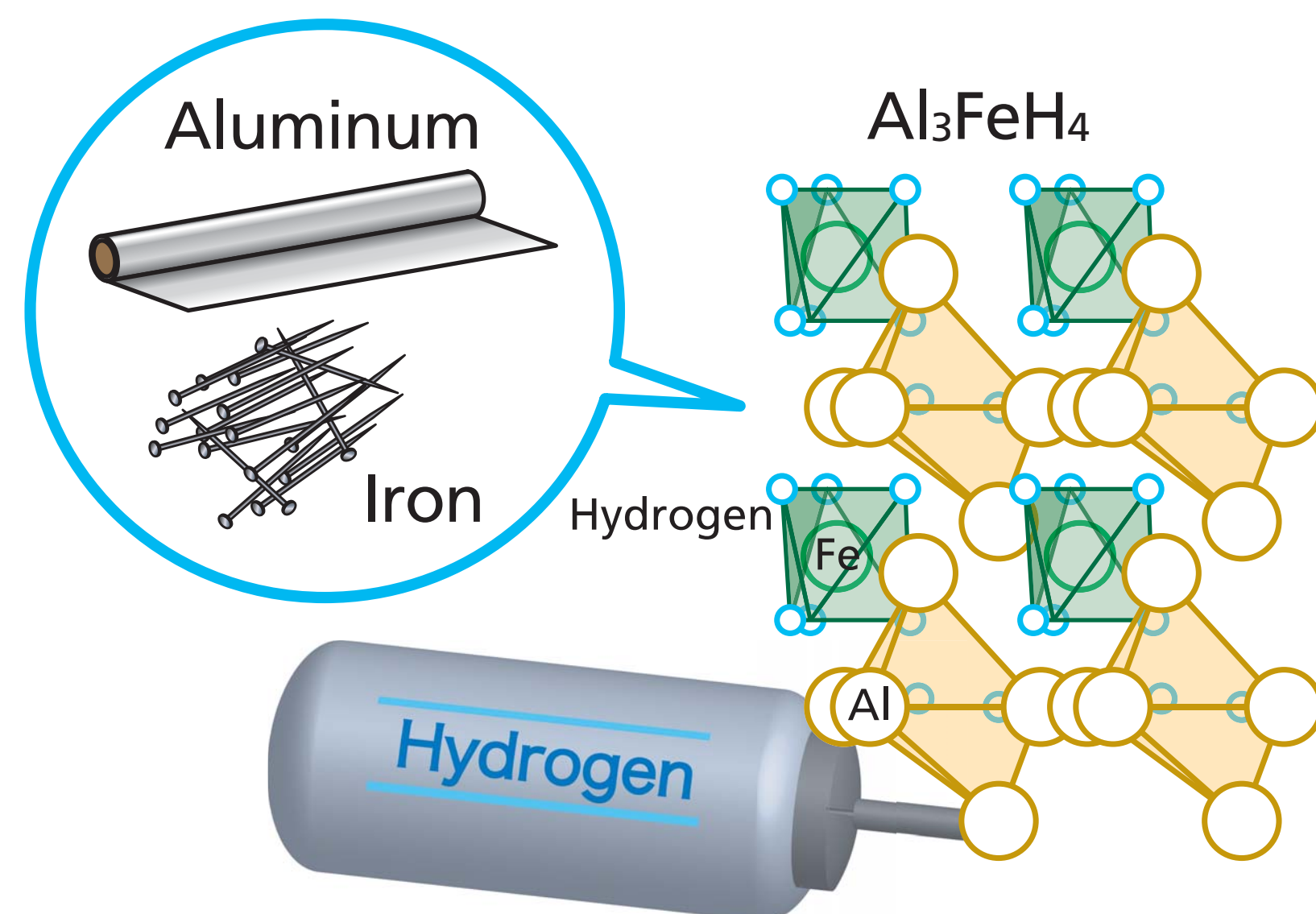


Hydrogen Storage for Decarbonization



Hydrogen energy, which emits no CO_2 , is a key technology to solve global warming. Its biggest challenge, however, is “how it should be stored”.

QST has been engaged in R&D on alloys for storing hydrogen for years, and identified Al_3FeH_4 as novel and promising hydrogen storage material, which is synthesized from the earth abundant metals - aluminum and iron - under high pressure, by using SPring-8, the world's largest synchrotron radiation facility in Hyogo, Japan.

Scan for details ▶

