CONTACTS:



Jero Ahola, Professor Lappeenranta University of Technology (LUT) jero.ahola@lut.fi, tel. +358 40 529 8524 @JeroAhola



Pekka Simell Principal Scientist, VTT; Docent, LUT pekka.simell@vtt.fi, tel. +358 40 750 7758



Pasi Vainikka Principal Scientist, VTT; Docent, LUT pasi.vainikka@vtt.fi, tel. +358 40 5825 987 @VainikkaPMJ







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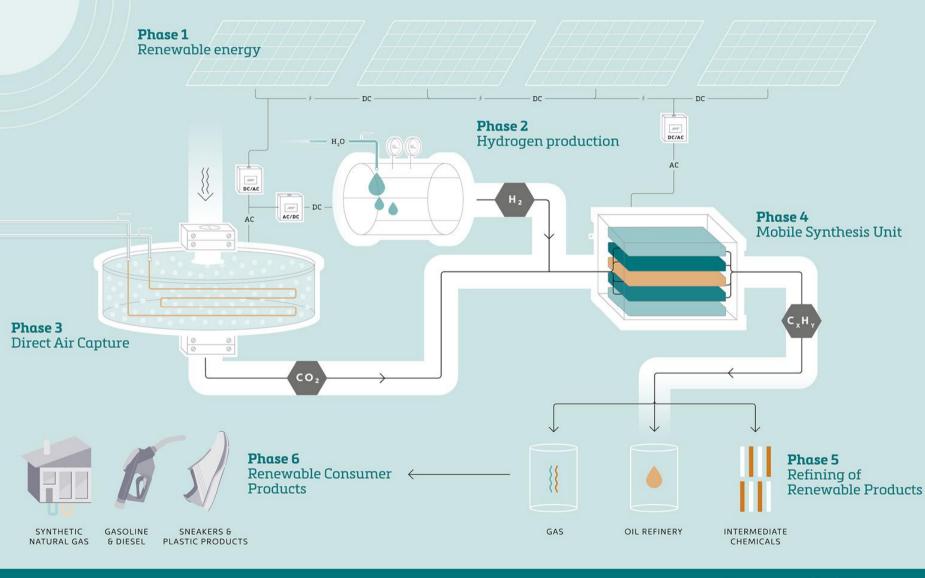
SOLETAIR FUEL FROM THE AIR PILOT PLANT

SOLETAIR is the world's first pilot plant capable of producing hydrocarbons from the air by using solar power as the energy source.

The products can replace fossil resources in fuels, chemicals, materials and even medicine. The solution makes it possible to reach a carbon neutral future.

The raw materials, carbon dioxide and water, are separated from the air. Hydrogen is generated from water by means of electrolysis. Energy consumed in the electrolysis is supplied by a solar power plant. Finally, CO_2 and hydrogen are combined to form hydrocarbons in a synthesis reactor operating at high pressure and temperature.

Process overview



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