ENERGY CENTER:

It expects to bring answers to national and regional issues, positioning itself as a regional model with a strong connection to public and private sectors, and local communities.

LABORATORIES:

- Electromobility
- Advanced Manufacturing
- Bioenergy and Combustion
- Major Equipment
- Chemical Analysis

MICRORED

The MicroRed considers a 790 square meter courtyard building of photovoltaic panels and wind generators, generating 44 W of installed power on a semi-industrial scale.

ELECTROMOBILITY

The University has an electric pickup truck and an electric truck, both for industrial purposes. The vehicles will be set up to replace or complement the use of batteries with/made of hydrogen cells in order to provide them with higher autonomy.

GREEN HYDROGEN

UCSC is working on implementing a pilot plant to produce Green Hydrogen, which will generate technology transfer activities to companies in the macrozone.

BIOBÍO PELLETS

The Biobío Regional Government's FIC-R Project contributes to generating environmentally friendly biofuel, pellets, and reducing atmospheric pollution.

SPACE AREAS (M²) = 450m² + 50m² + 790m² + 45m²
Energy Center | H2V Plant | MicroRed | MicroRed Laboratory

HUMAN CAPITAL = 15 Academics associates
(Engineering, Sciences, Business and Administrative Sciences)

INFRASTRUCTURE INVESTMENT = US$1 Million + US$450 Thousand + US$860 Thousand
Energy Center | MicroRed | H2V Plant

EQUIPMENT BUDGET = US$2,3 Million
for immediate use