SOCIAL IMPACTS OF GEOTHERMAL UTILISATION IN PUGA, LADAKH, INDIA

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Iceland in early 1900.

Puga at present
BACKGROUND

- Puga shown is located at 4550 metres above sea level
- Thermal studies show temperatures of more than 220 °C at 2200 metres depth.
Nomadic Residential School, Puga
THE PROBLEM

• Minimum temperature in Puga below -25°C
• Absence of electricity grid
• Nomadic Residential School has 200
• Boarding school is heated using wood or kerosene
• Migration of people as energy is not accessible
SOCIAL IMPACT

• Building heating

• Industries

• Greenhouse

• Employment opportunities will stop migration to cities

• Uplift lives of women
Iceland in early 1900.  
Puga at present
THANK YOU
REFERENCES

