

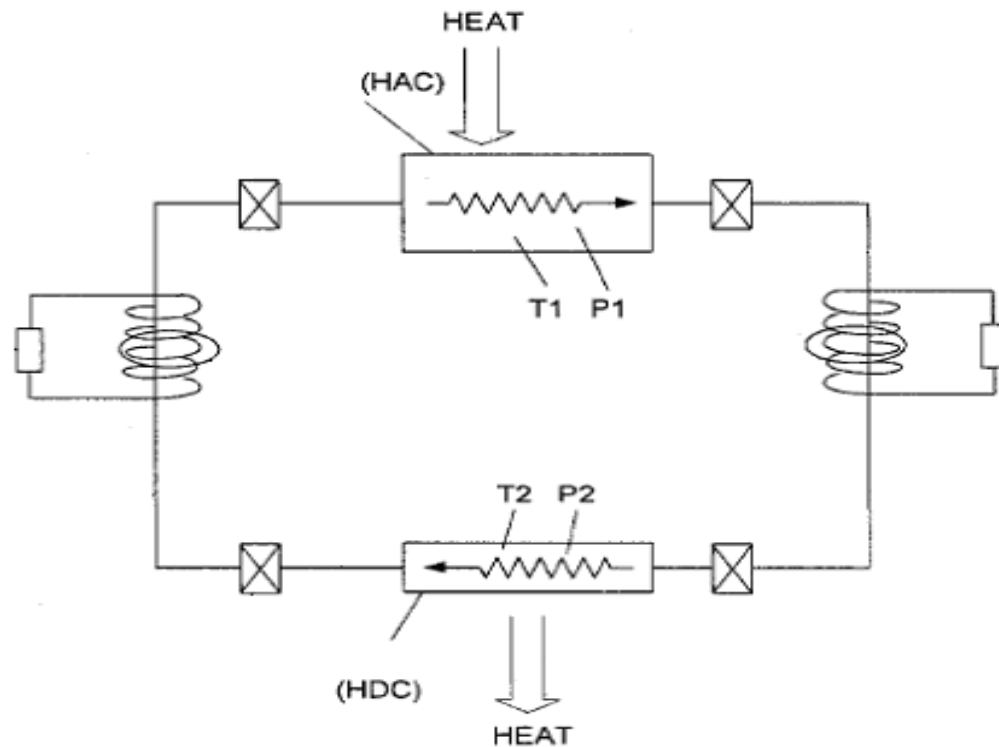
# Green Gold

Thermal to electrical  
energy converter



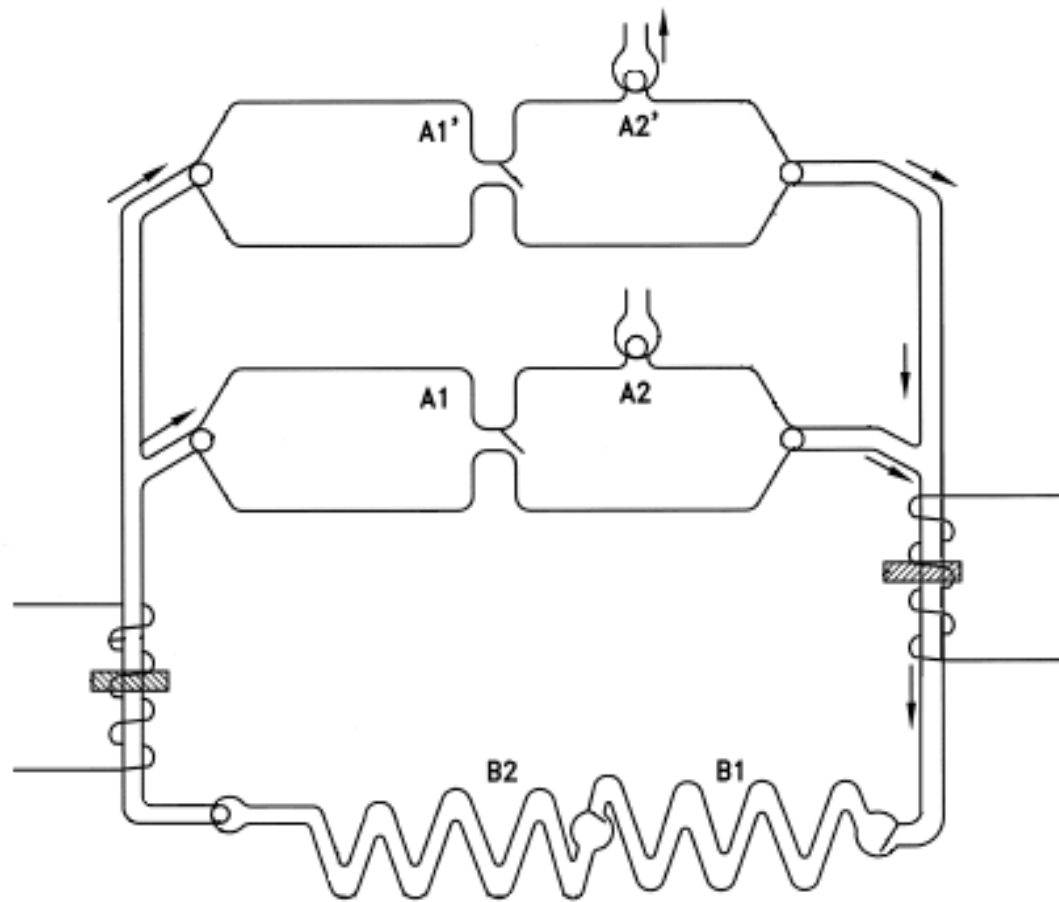
GreenGold

# Our Solution



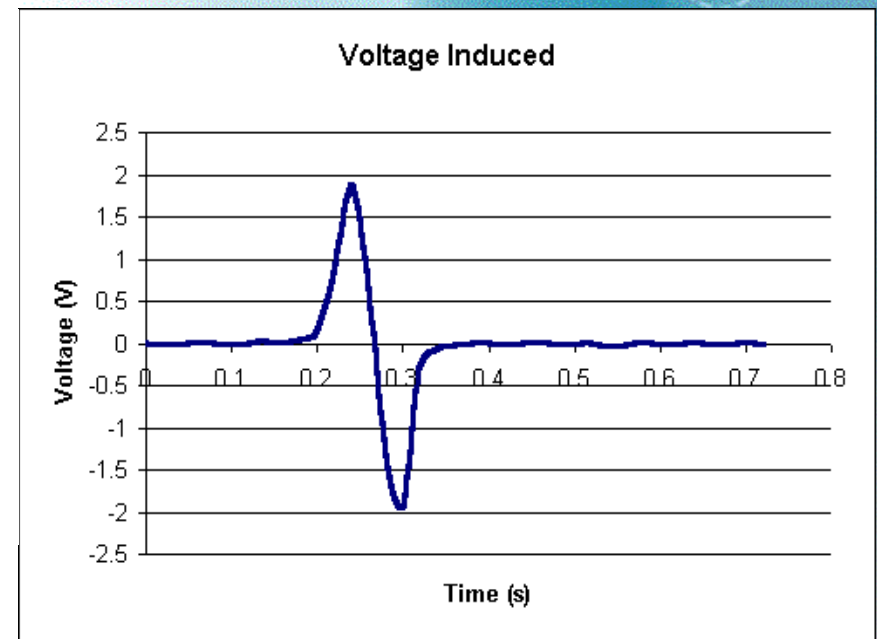
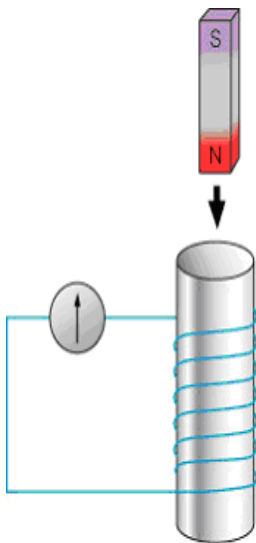
GreenGold

# Thermal to electrical energy converter





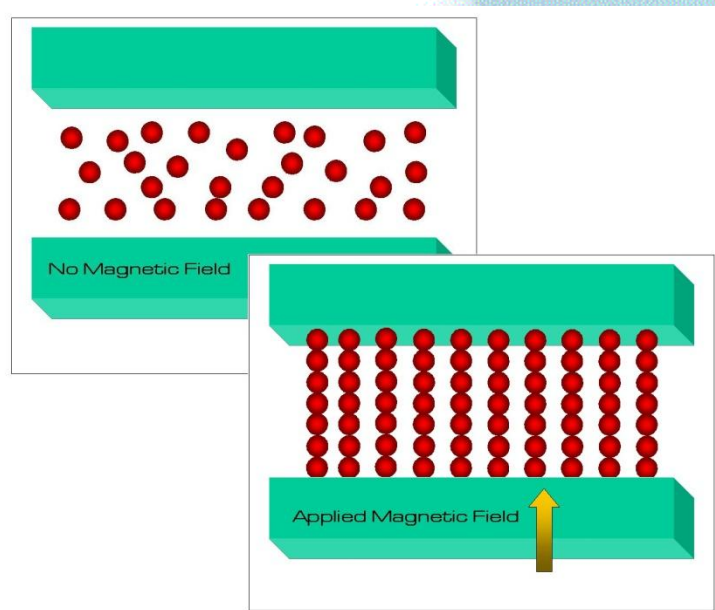
# Technology





# Technology

**Magnetorheological** fluids are stable suspensions of magnetically polarizable micron sized particles suspended in a carrier fluid



GreenGold

# Proof of concept #1 in Israel



GreenGold



# Proof of concept #2 in Germany



GreenGold

# Product Advantages

## Advantages:

- Higher efficiency
- No need for turbine
- Simplicity
- No air water pollution
- No dependency on fossil fuels resources
- Produces AC power that correlates to the costumer needs



GreenGold



# Efficiency calculation

## Conversion from heat to mechanical energy:

- The calculated efficiency shows 56%.
- The calculated efficiency refers to an exposure of 400C.

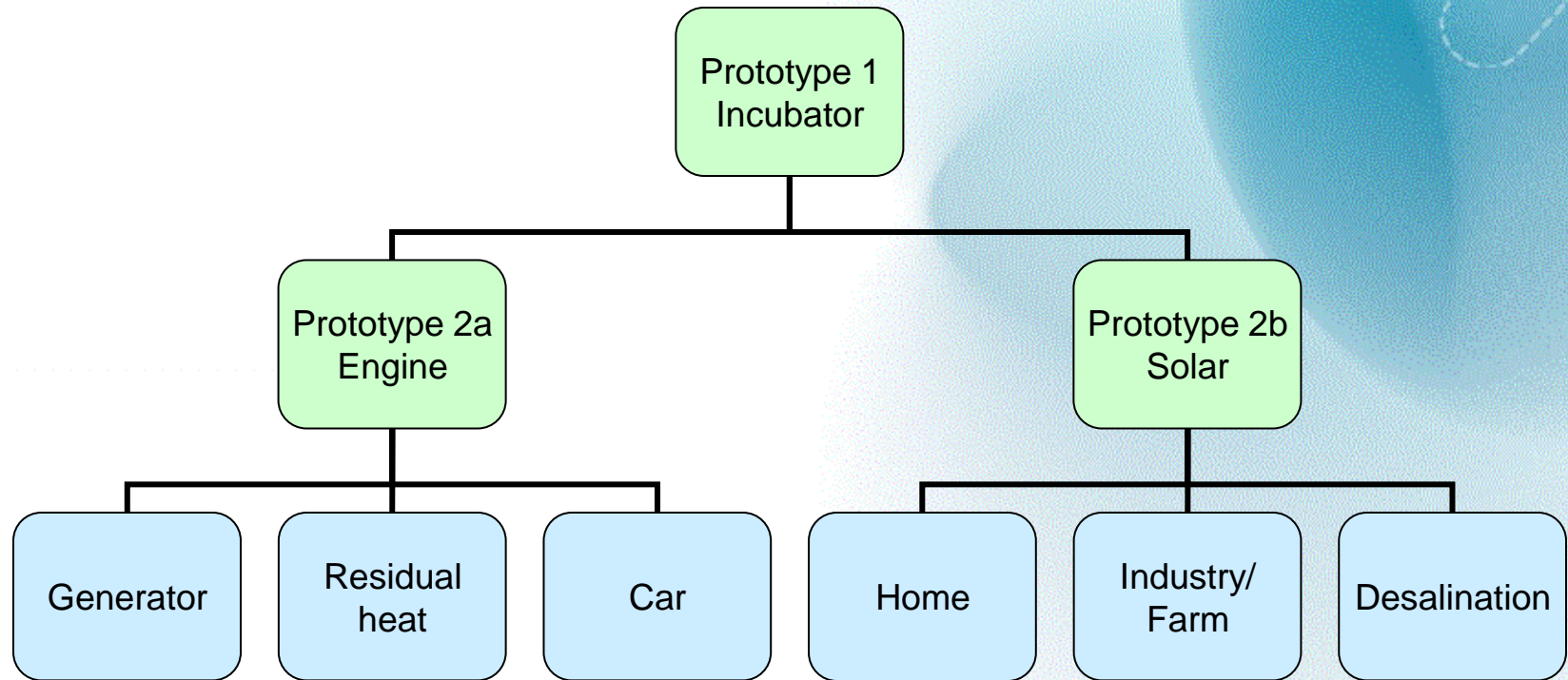
## The calculated total efficiency according to the attached documents:

- Max system efficiency:  
 $56\% \times 70\% = 39.2\%$



GreenGold

# Product roadmap



GreenGold



# Key Investment Merits

- Advanced proof of concept
- Large Market exposure – Adaptable to various applications.
- Patent status:
  - USA Patent
  - ISRAEL Patent
- The company is seeking to raise \$5M to complete prototype phase.



GreenGold

# **Contact Information**

**Haim Morgenstein, CEO**  
**Green Gold** 2007 Ltd.

**Tel: +972.4.8470100**  
**Mobile: +972.52.533645**  
**Email: [Haim@greengold.co.il](mailto:Haim@greengold.co.il)**  
**[www.greengold.co.il](http://www.greengold.co.il)**



**GreenGold**