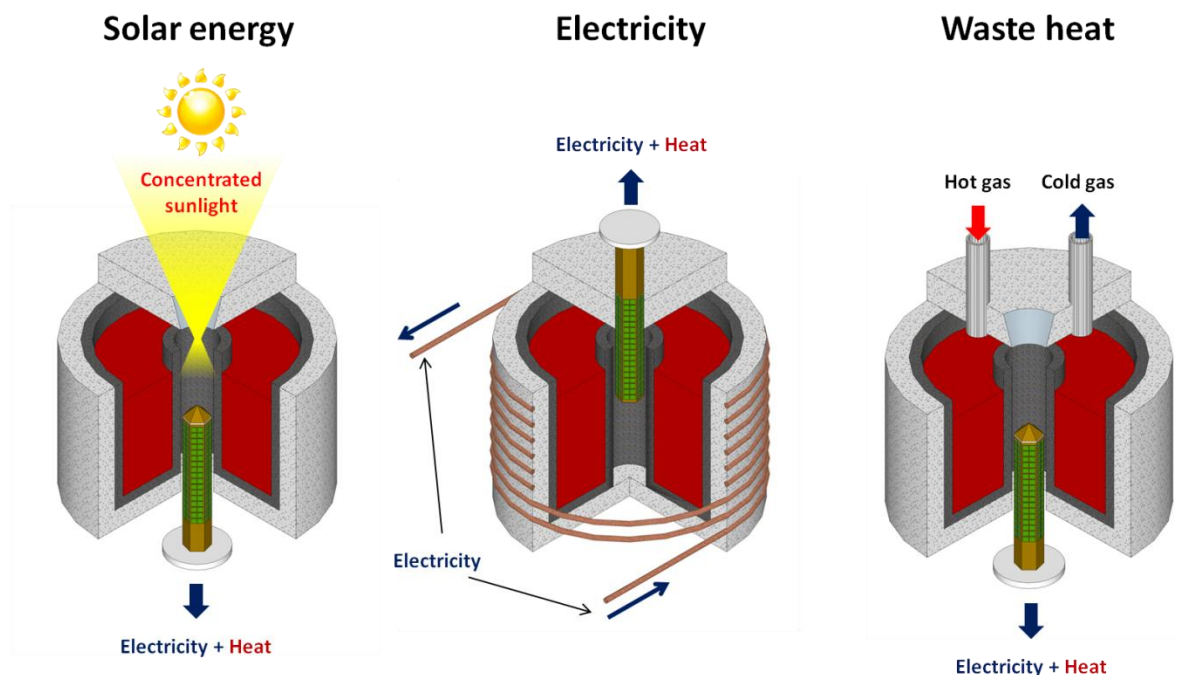
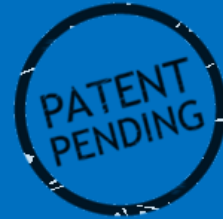


# SILSTORE. Ultra-dense energy storage solution for solar energy, electricity and waste heat

- ✓ Ultra high energy density: 500 Wh/kg and 1.2 MWh/m<sup>3</sup> (4 times that of Li-ion batteries)
- ✓ Abundant and cost-efficient materials
- ✓ Versatile, modular and scalable technology
- ✓ High efficiency > 80%
- ✓ Heat and electricity outputs
- ✓ Based on metallic alloys and thermophotovoltaic generators



## Market prospects

- ✓ **Solar energy storage**  
\$200 million in 2012 to \$19 billion by 2017<sup>1</sup>
- ✓ **Electricity storage**  
CAGR of 10% to reach over \$10.8 billion by 2018<sup>2</sup>
- ✓ **Waste heat storage**  
CAGR of 6.5% to reach \$53.1 billion by 2018<sup>2</sup>

<sup>1</sup> IMS Research, 2012

<sup>2</sup> marketsandmarkets.com, 2013

## Competitors

- ✓ **Batteries (electricity)**
  - Only electricity output
  - Materials concerns (scarce, explosive, corrosive, etc)
- ✓ **Molten salts (solar & waste heat)**
  - Very low energy density
  - Use noisy and complex power generators (turbines)
  - Low efficiency

## Contact

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