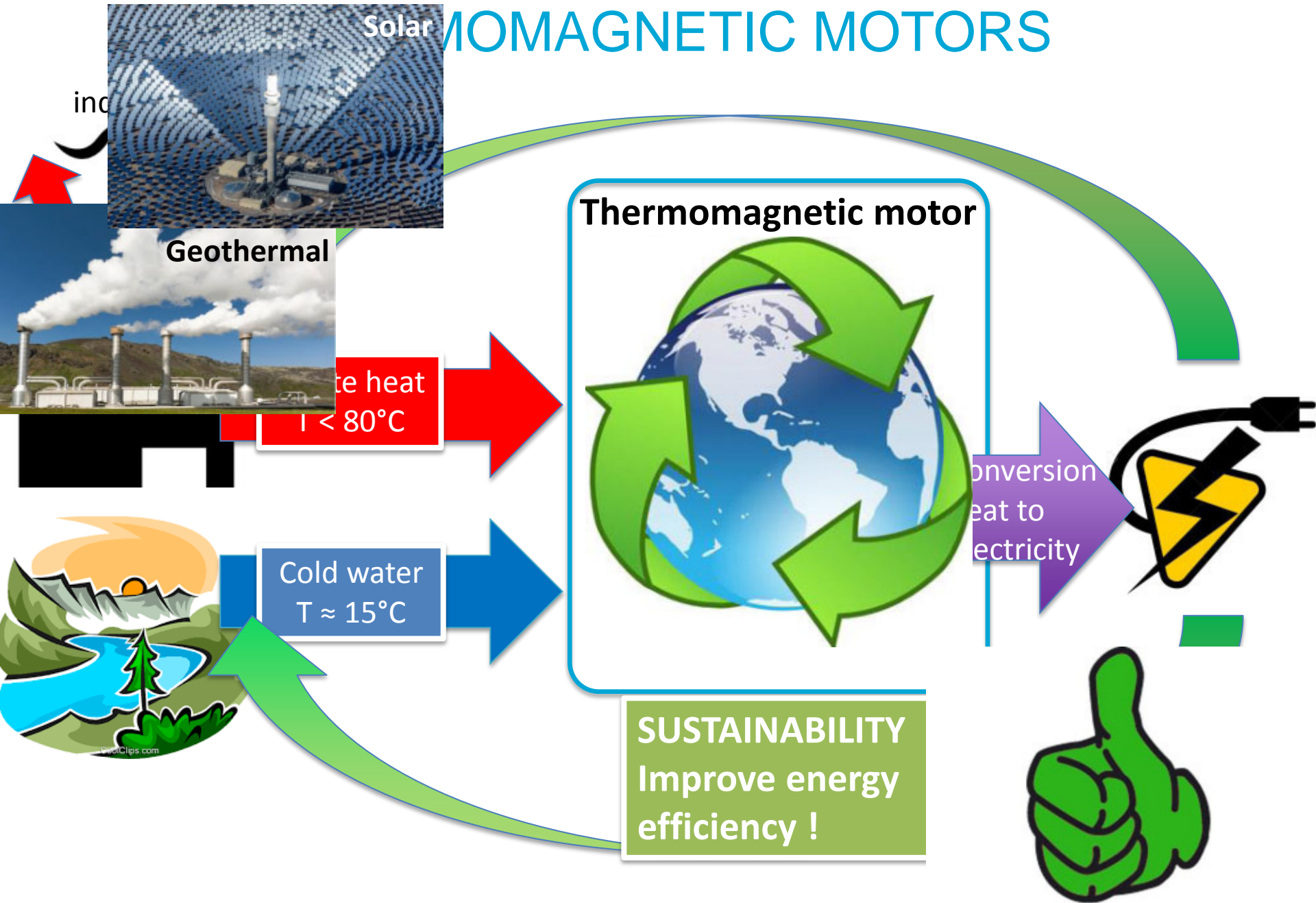


WASTE HEAT RECOVERY BELOW 80°C WITH THERMOMAGNETIC MOTORS

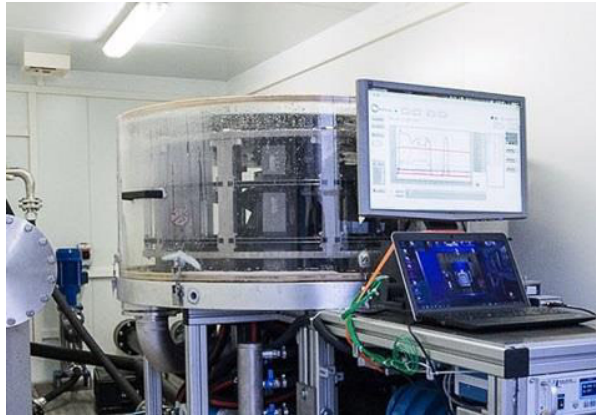
Michael Maschek (TU Delft)
m.maschek@tudelft.nl



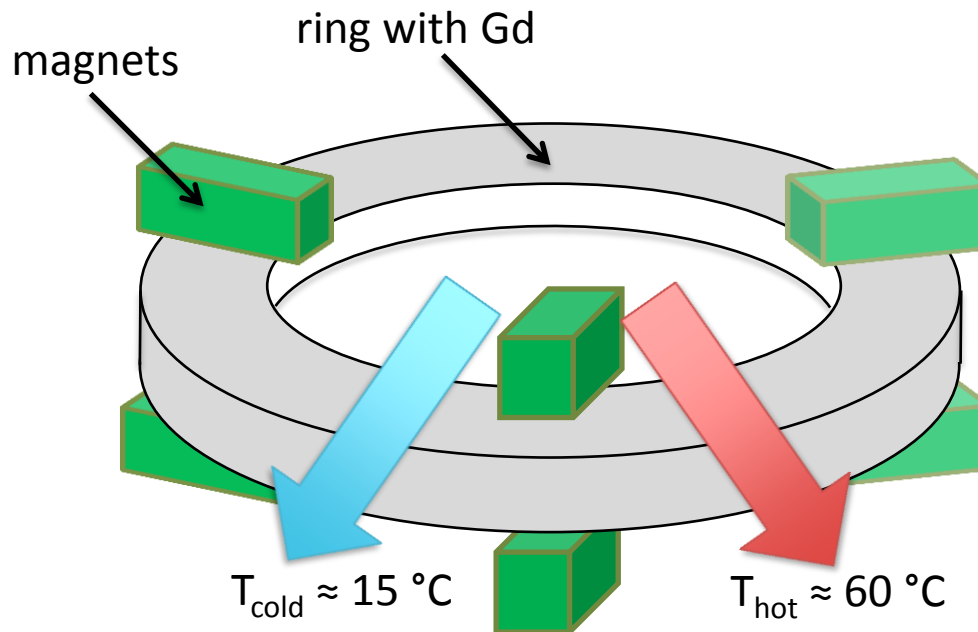
WASTE HEAT RECOVERY BELOW 80°C WITH THERMOMAGNETIC MOTORS



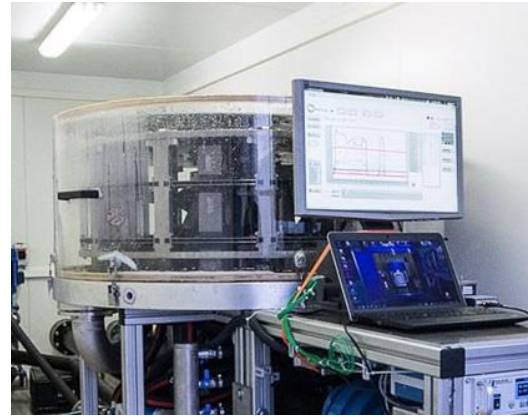
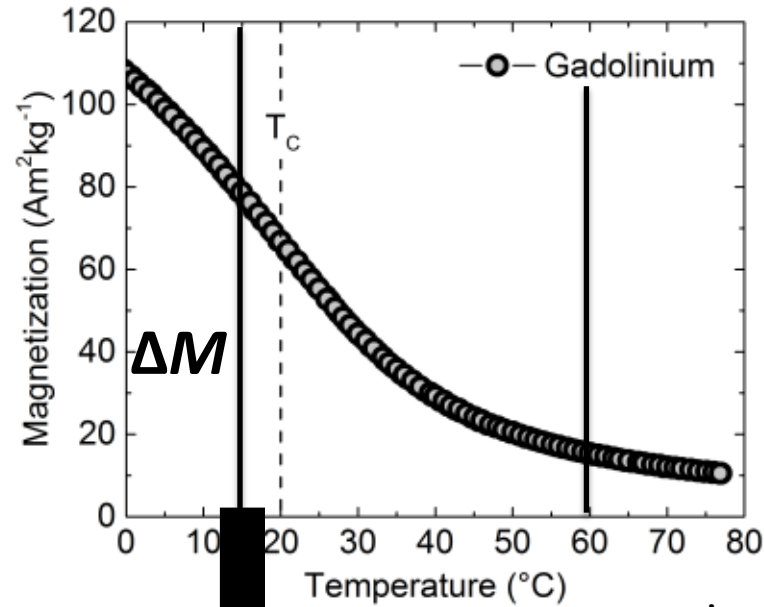
Thermomagnetic motor – Swiss Blue Energy



- 1.3 kW output ✓
- 5000 h operation ✓

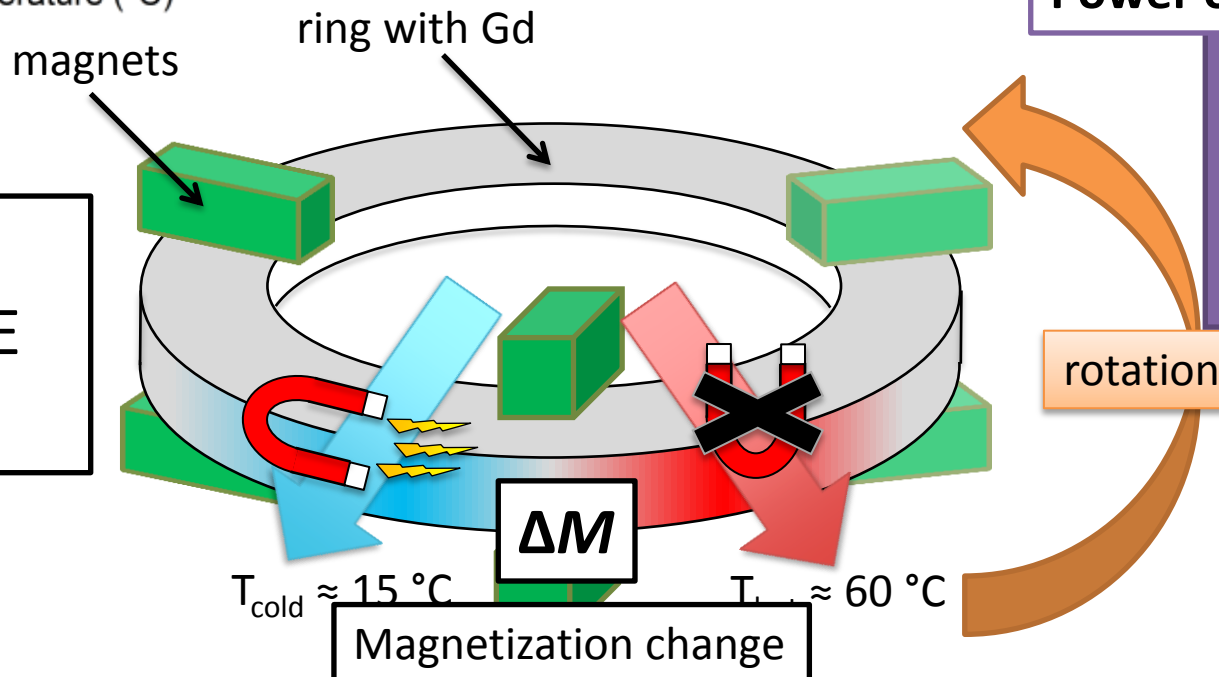


Thermomagnetic motor – Swiss Blue Energy



1.3 kW output ✓
5000 h operation ✓

Replace Gd
“better” MCE
materials



Enhance efficiency by novel magnetocaloric materials with larger ΔM

