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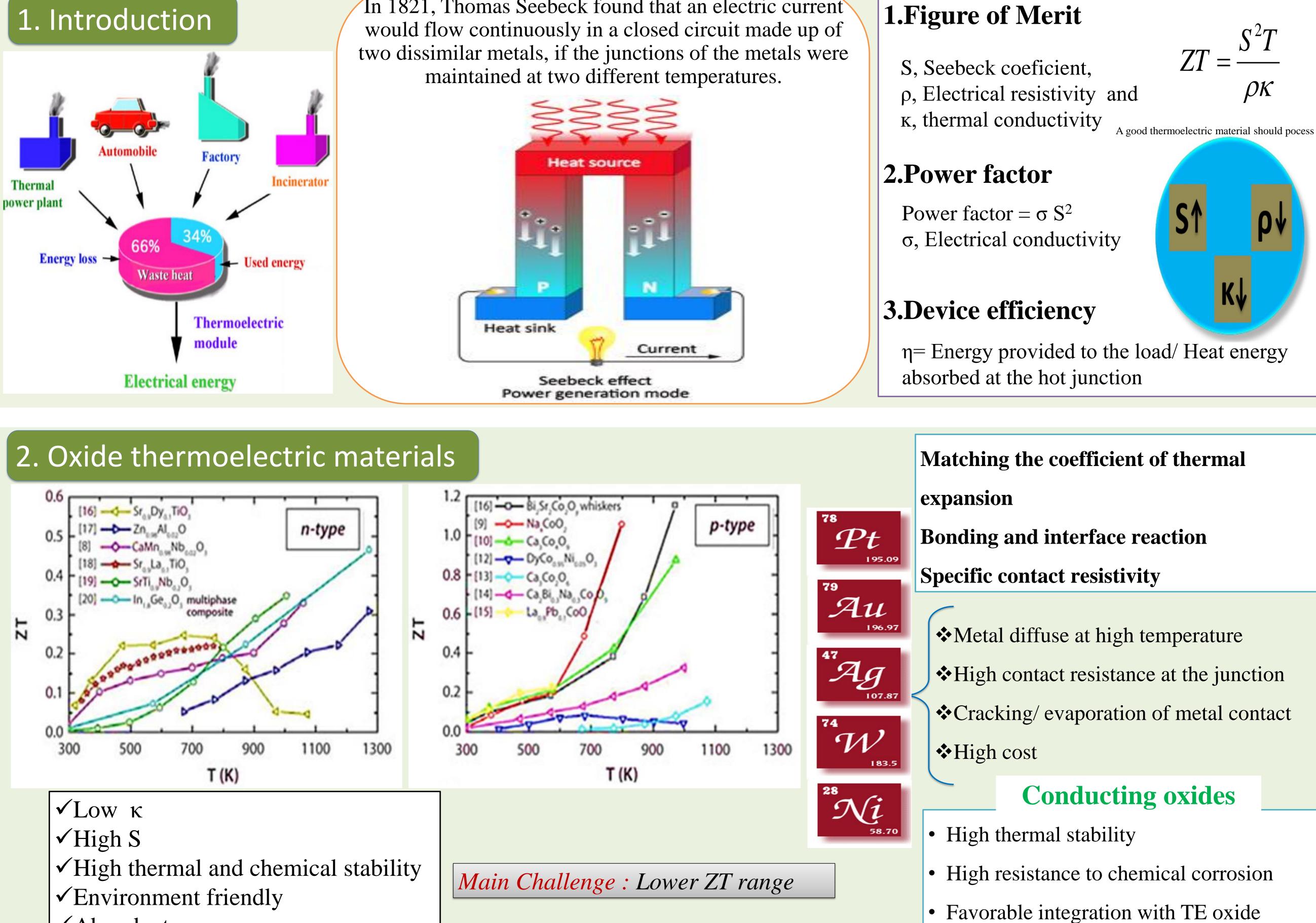


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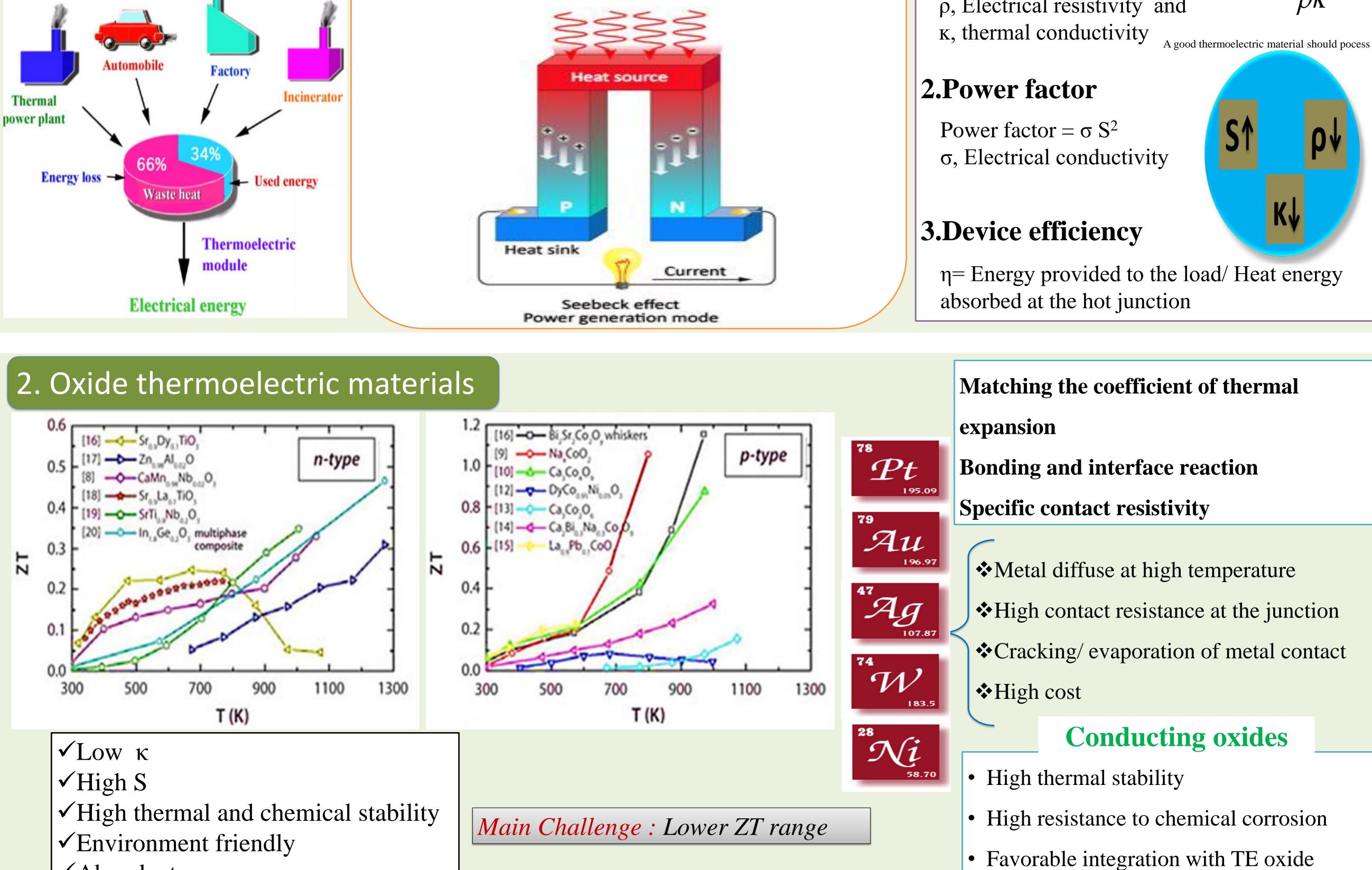
# Lanthanum cobaltite as a metallic oxide interconnect in thermoelectrics

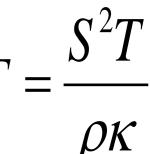
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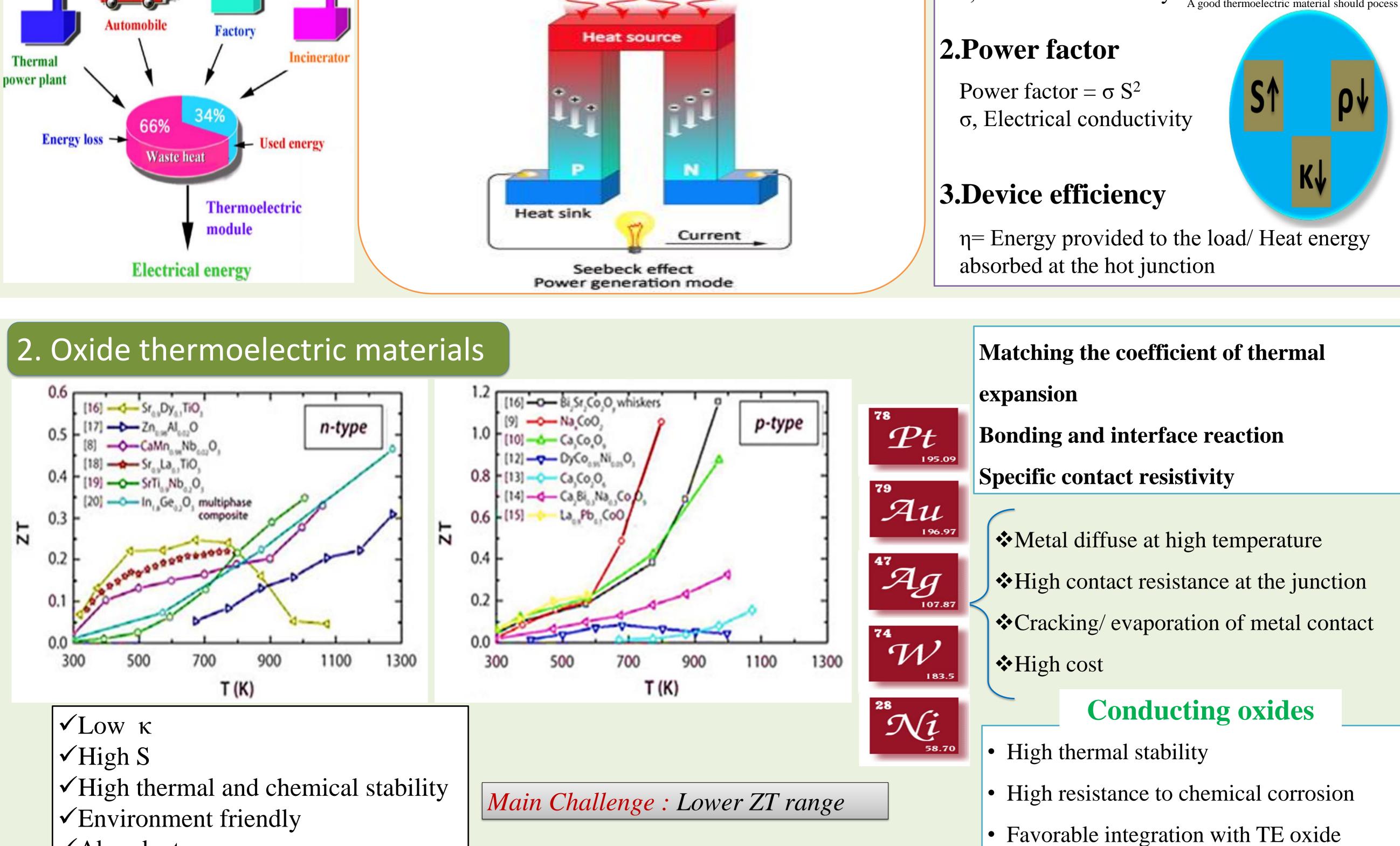




In 1821, Thomas Seebeck found that an electric current

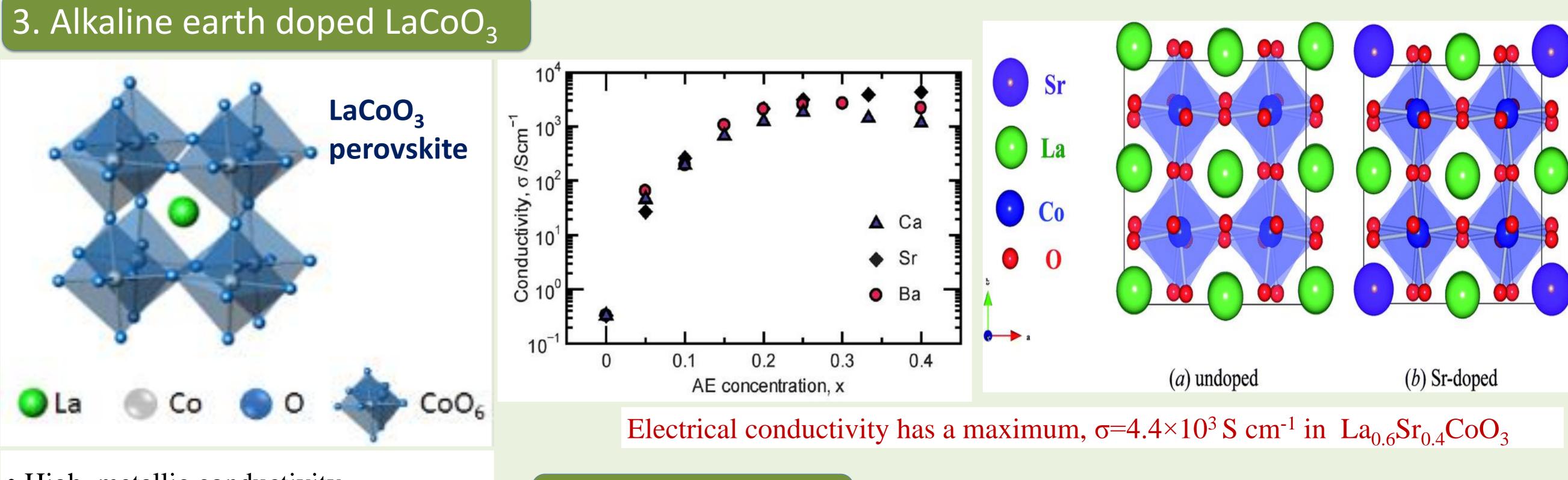






### ✓ Abundant

p-n oxide thermoelectric junctions still need an ohmic contact: Noble metal? Or metallic oxide? In this project, we will investigate alkaline earth doped  $LaCoO_3$  as metallic oxide interconnect.



- High, metallic conductivity
- Low cost

## 4. References

Minnich, A.J., et al., Energy & Environmental Science, 2009. 2(5) 466-479.



