



INTEGRAL

**“INitiative to bring the 2nd generation of
ThermoElectric Generators
into industrial ReALity”**

**Enhancing pilot lines to produce advanced functional materials with
customized electrical and thermal conductivities**

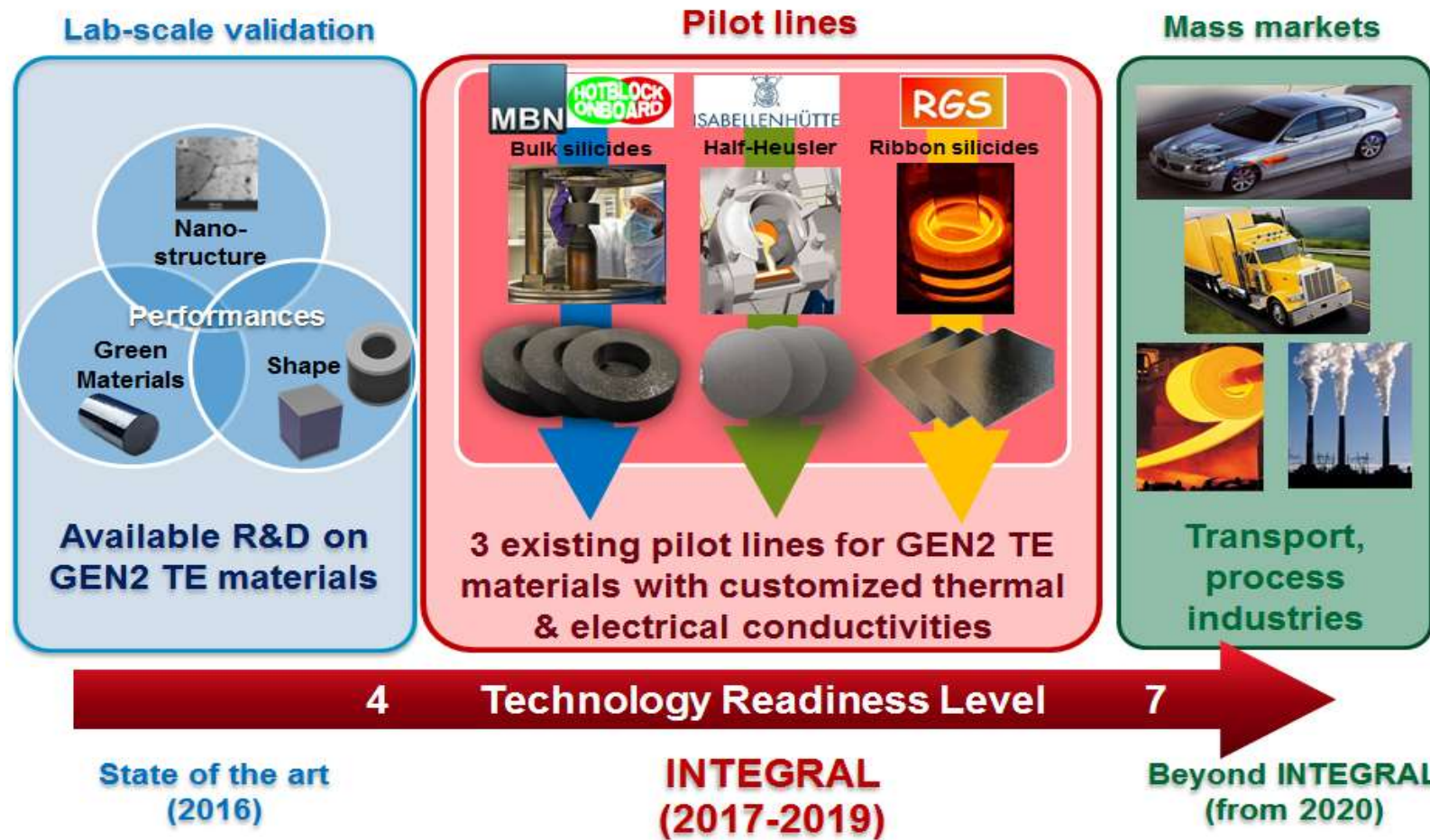


Waste heat spoilage



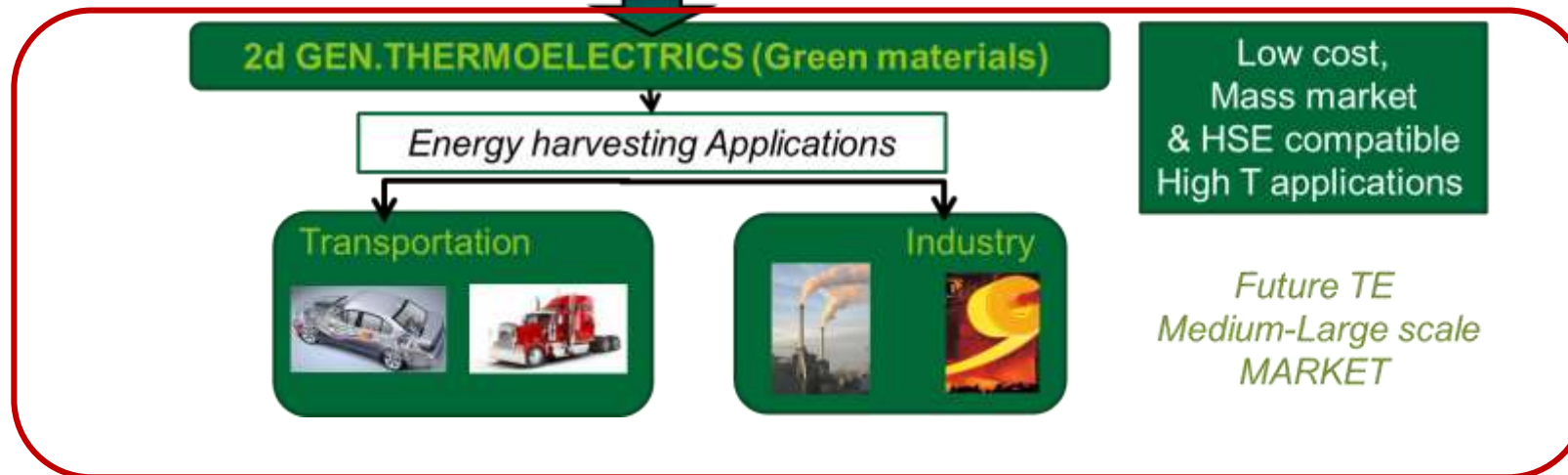
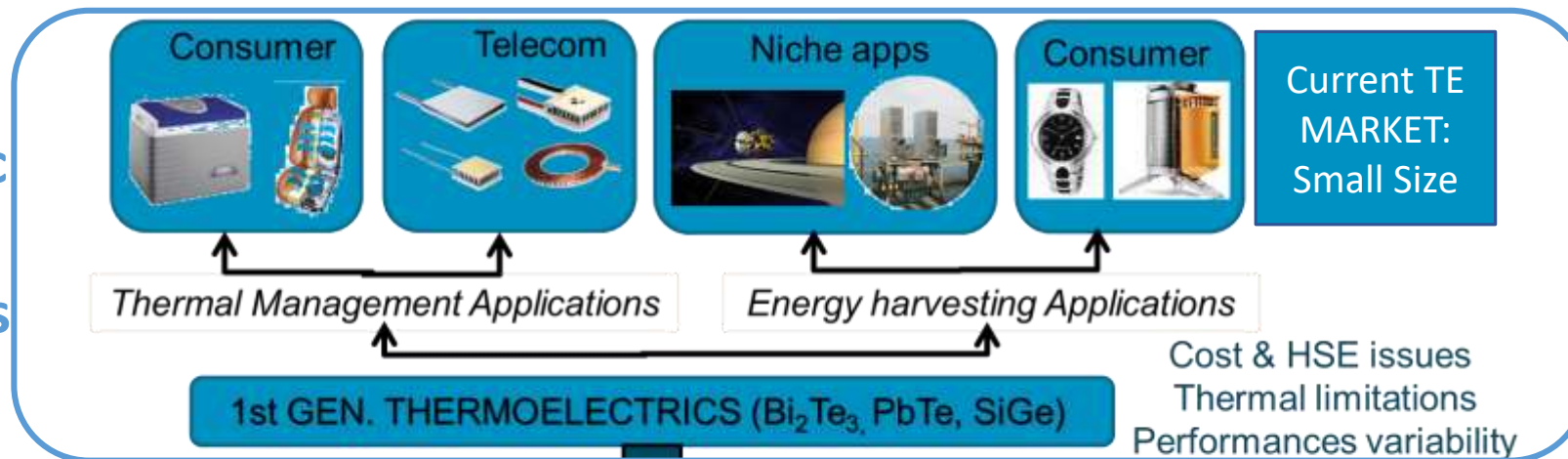
- Everyday in the industry and transports lots of thermal energy are wasted
- What if... you could turn waste heat directly into electricity?

INTEGRAL develops the 2nd Generation of thermoelectric materials



Cheaper, more efficient and environmentally friendly thermo-electrics

The past
 Rare and toxic raw mats
 Niche markets



The future with

Customers and early adopters

- Energy-intensive industries
- OEMs in the cars and trucks sectors



ArcelorMittal



RENAULT

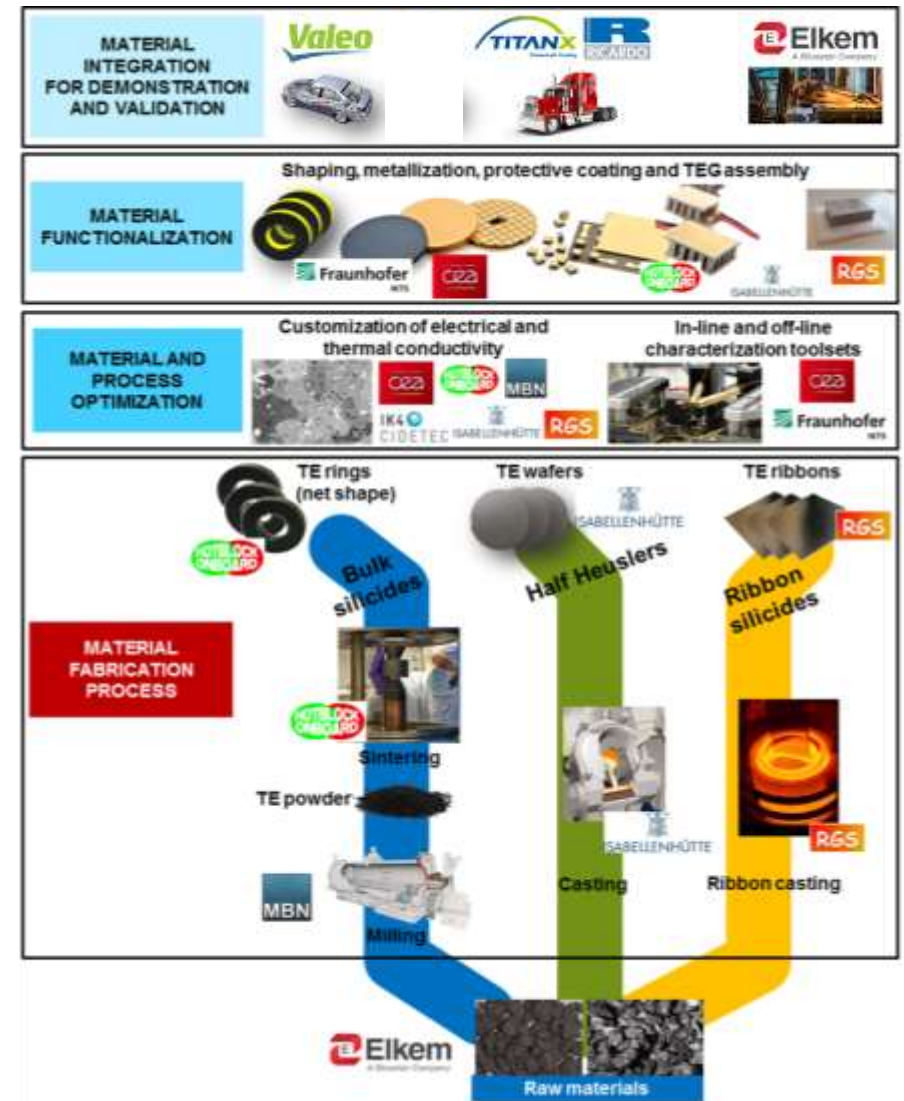


Top experts in 3 value chains to develop your solutions

- From raw materials to the market

- **3 demonstrators** in most market-relevant applications:

Automotive (VALEO-HBOB),
 Trucks (RICARDO-ISAB)
 Heavy industry (ELKEM- RGS)



Join us in customising thermo- electrical properties of your materials

- Thermo-electric materials
- Functionalised electric components
- Assembling and joining
- Thermo-electric Generators (modules and systems)



And gain access to market-leading **end-users**

Contact our expert

Thanks for
your attention



DON'T HESITATE TO CONTACT ME!

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