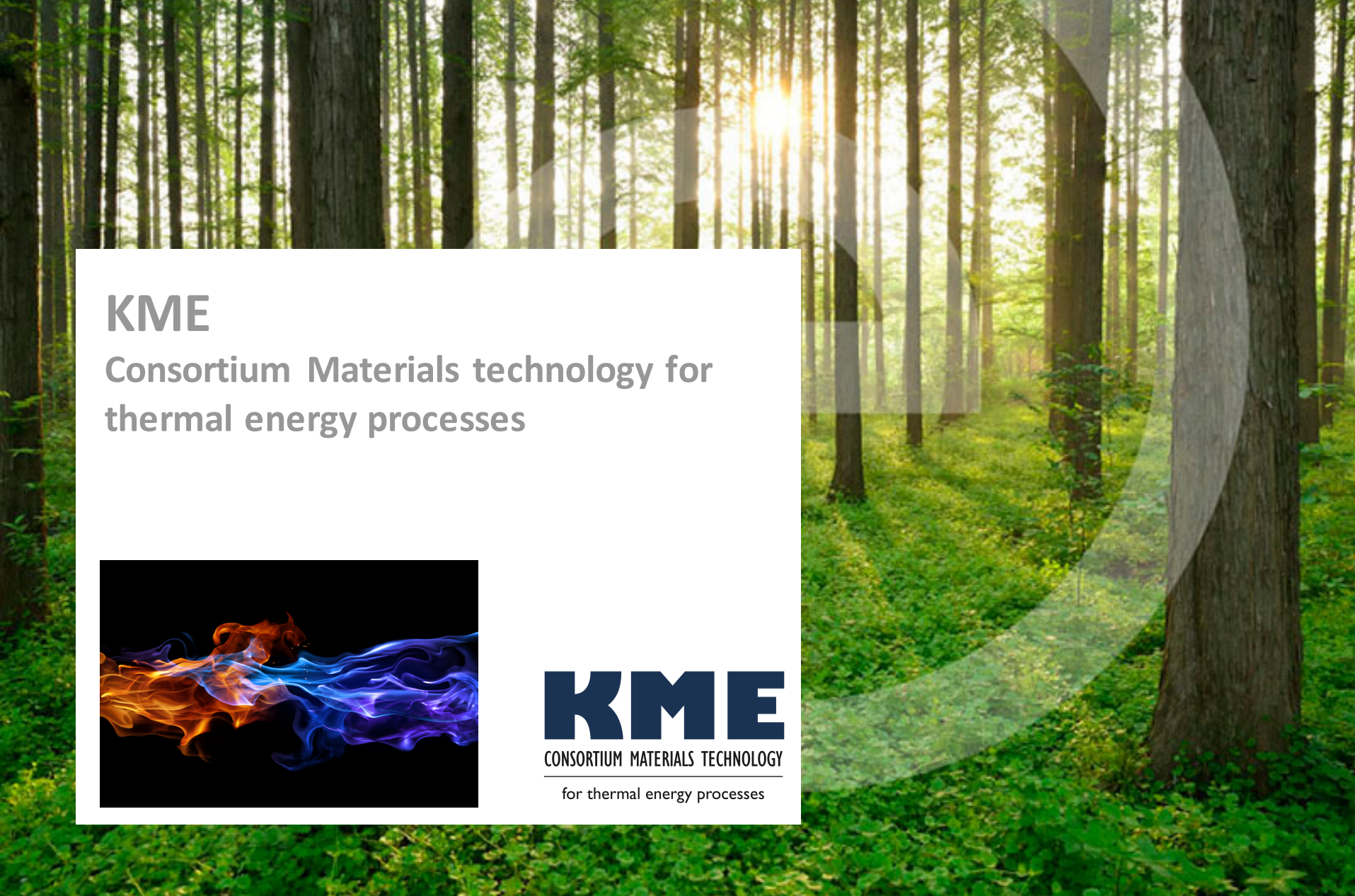




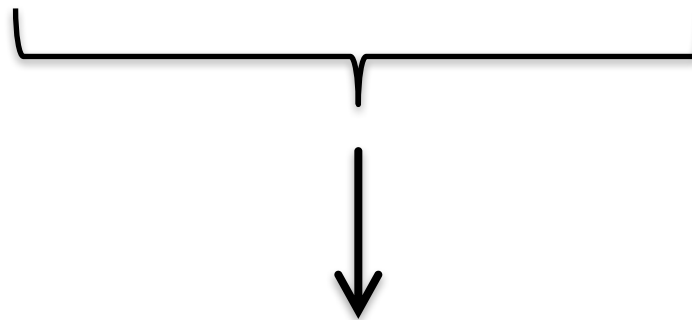
KME

Consortium Materials technology for
thermal energy processes



KME
CONSORTIUM MATERIALS TECHNOLOGY
for thermal energy processes

ELFORSK



Energiforsk

Energiforsk

- Energiforsk **AB**
 - 18 employees
 - Stockholm and Malmö
 - Turnover 200 MSEK/yr
 - Owners:
 - Swedenergy, Swedish District Heating Association, Swedish Gas Association (Swedish Wind Energy and Swedish Forest Industries Federation have option)
 - Swedish National Grid (Svenska kraftnät) and Swede Gas
 - Business concept: rationalise and make sector wide and **joint** R&D more efficient in the energy area
- “We make the world of energy smarter”*

KME

- Consortium Materials technology for thermal energy processes
- Programme period: april 2014 – april 2018
- Budget for research 115 MSEK in 4 years
 - 69 MSEK from industry as in-kind or cash (60 %)
 - 46 MSEK from Swedish Energy Agency (40 %)
- 20 KME projects
 - Performed as a close cooperation between industries and institutes/universities.
- Programme is operated and managed by Energiforsk

Stakeholders

Sandvik Materials Technology
Sandvik Heating Technology
Andritz
Amec Foster Wheeler
B&W Vølund (incl Götaverken miljö)
Siemens Industrial Turbomachinery
GKN Aerospace
MH Engineering

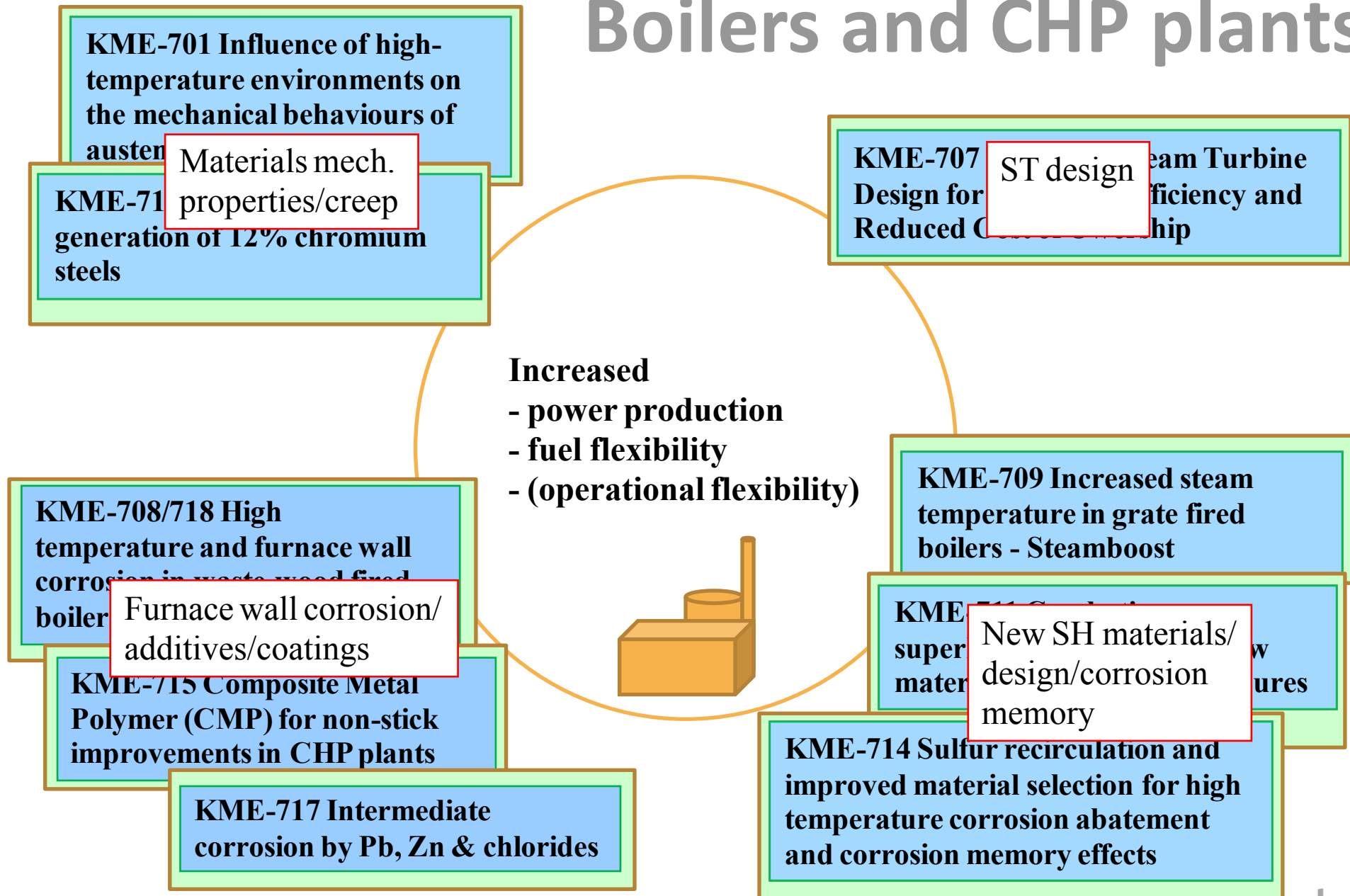
Energy companies via Energiforsk:

Fortum Värme Stockholm stad	Kraftringen
Dong Energy	Söderenergi
E.ON Sweden (E.ON Värme Sverige)	Tekniska verken i Linköping
Vattenfall	Jämtkraft
Göteborg Energi	Öresundskraft
Mälarenergi	Gävle Energi
	Karlstads Energi
	Svensk fjärrvärme

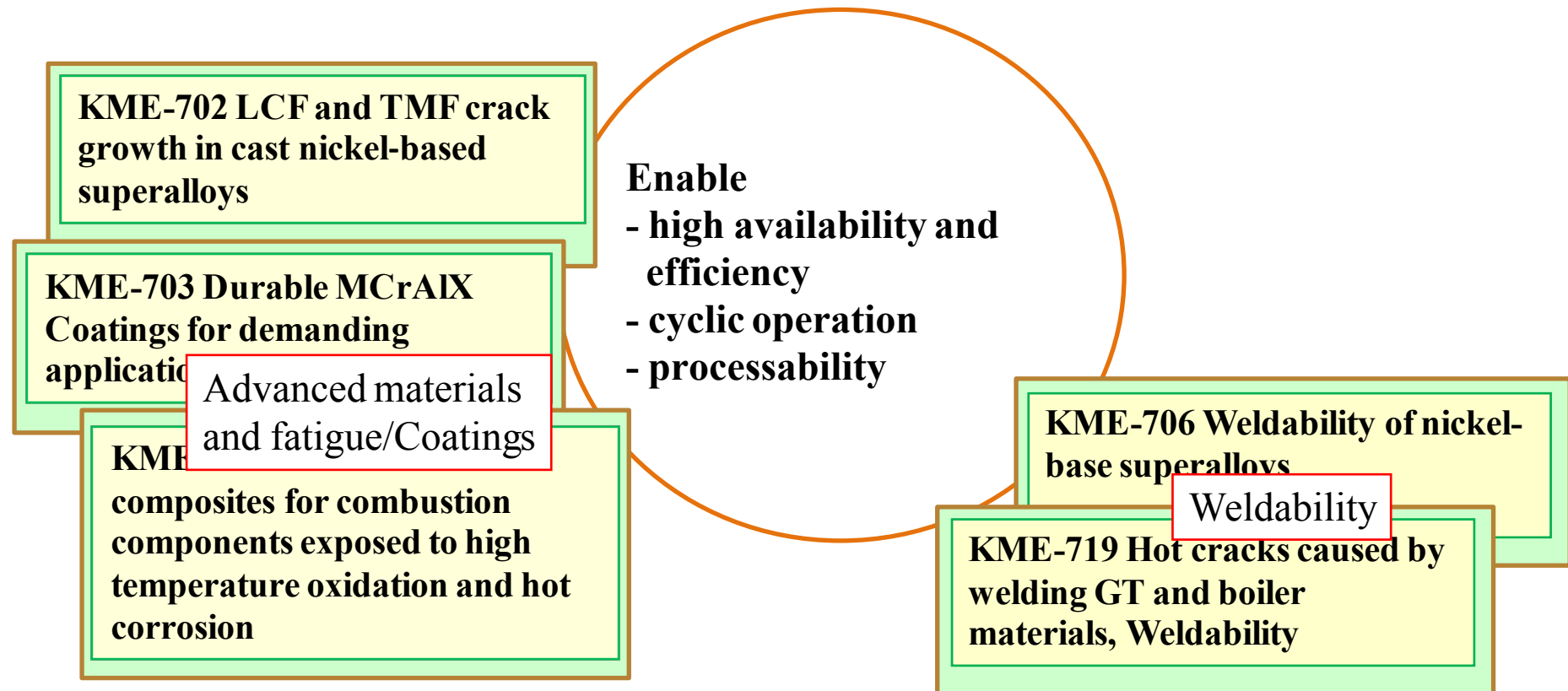
Chalmers University of Technology
KTH Royal Institute of Technology
Linköping University
Lund University
Swerea KIMAB

The Swedish Energy Agency

Boilers and CHP plants



Gas turbines and aero engines



Future

- Half way through, midterm
- Planning of next period starts now
 - Current research forms the basis
 - Identify future needs of research – what needs to be done?
- KME encourage all initiatives and ideas
 - Research areas
 - Structure and set up
 - New stakeholders
- Send your ideas and suggestion to me:
bertil.wahlund@energiforsk.se