IMPROVED NANOMATERIALS FOR ENERGY HARVESTING

THE FAST-SMART PROJECT

The overall objective of the project is to develop high-quality nano-structured materials, nano-manufacturing technologies and innovative product designs to meet challenges on both quality and cost issues, and to deliver novel but also economically viable approaches of harvesting, storing and using energy concerning kinetic/mechanical, solar and thermal energy harvesting.

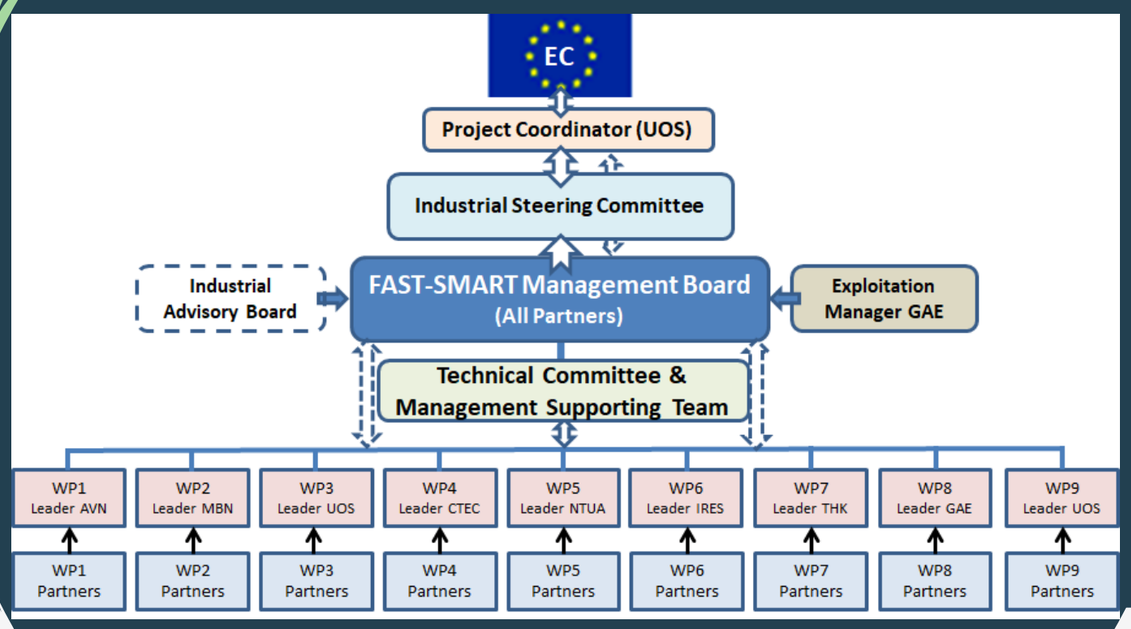
THE PROJECT AMBITION

FAST-SMART proposal is highly ambitious since it addresses several challenges relating to transforming rare elements free/less smart materials into robust energy harvesting structures and systems with competitive costs and high operational reliability which are currently difficult to achieve. The effort will result in disruptive methods and technologies that are truly beyond the state of the art, and hence, help to place Europe in a polar position in this strongly competitive field of research and business.

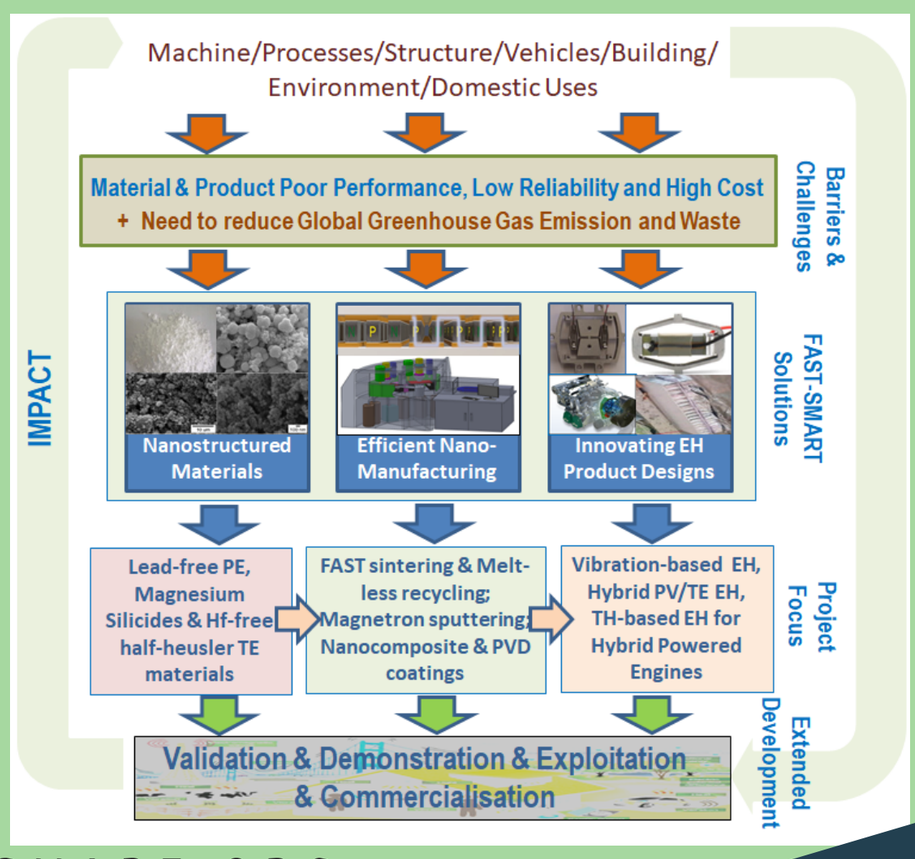
PARTNERS

University of Strathclyde Glasgow
CEDRAT TECHNOLOGIES
XD4S MOTORSPORT
GAe
IRES
MBN nanomaterialia
PASCOE
AVNIR Engineering
IMNR
R NANO
UNIVERSITY OF BIRMINGHAM
UNIVERSITÉ SAVOIE MONT BLANC
Technology Arts Sciences TH Köln

THE MANAGEMENT STRUCTURE



THE CONCEPT



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