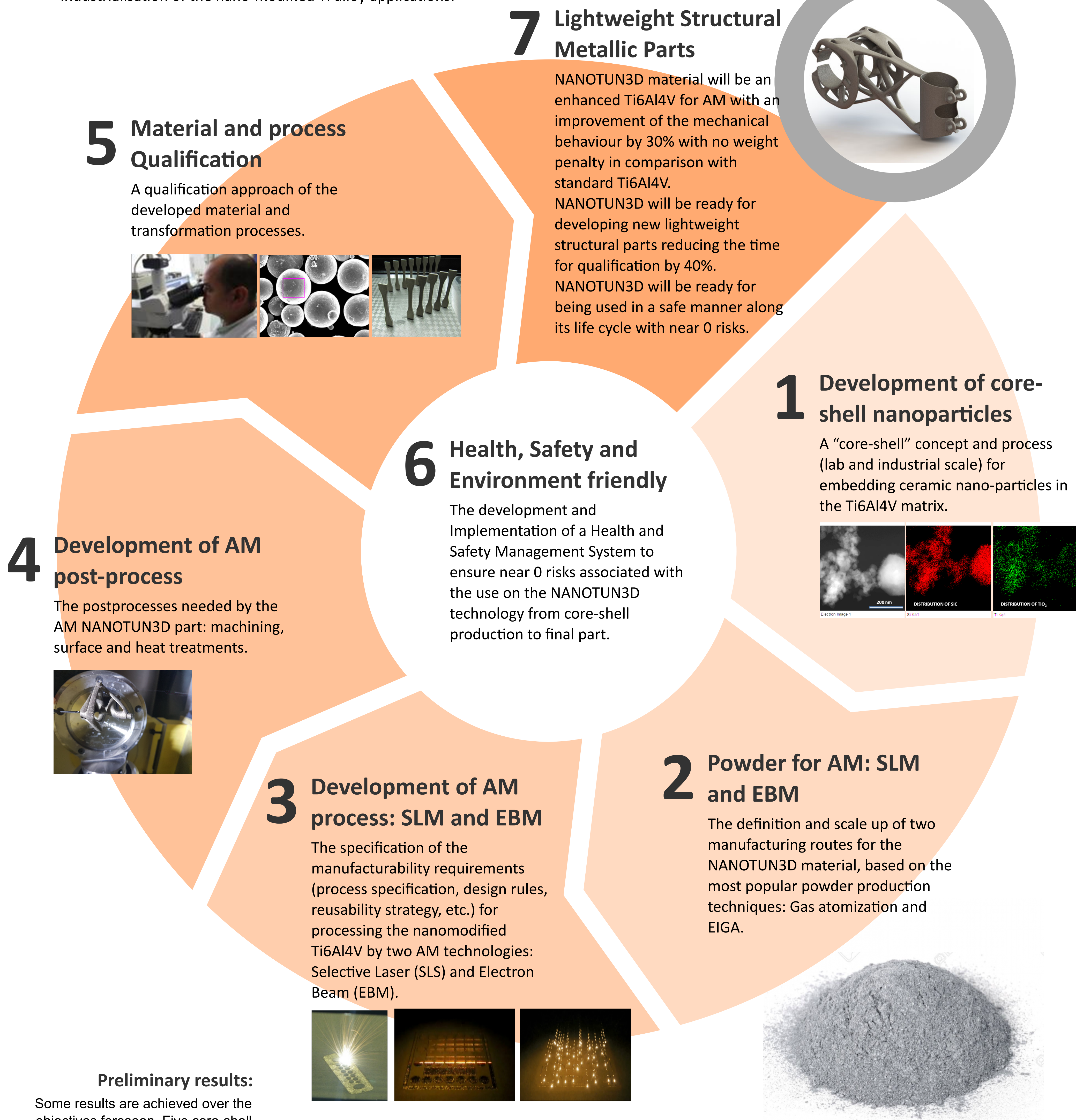


Metal AM Meets Nanotechnology

The NANOTUN3D workplan follows the main blocks towards the industrialisation of the nano-modified Ti alloy applications:



Preliminary results:

Some results are achieved over the objectives foreseen. Five core-shell systems developed in lab and industrial scale. Two routes for manufacturing powder particles are defined (GA/EIGA). Decision made on early screening of the mixed/consolidated samples on AM techniques (SLM/EBM). Qualification approach developed of material and process. Data on exposure and effects, together with available data from literature and physico-chemical characteristics is integrated to obtain a HSE management system.

More info at:
<http://www.nanotun3d.eu/>

Consortium:



Authors:

L. Portolés, M. Sánchez, J.R. Blasco, E. Martínez
AIDIMME, METAL-PROCESSING, FURNITURE,
 WOOD AND PACKAGING TECHNOLOGY INSTITUTE



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