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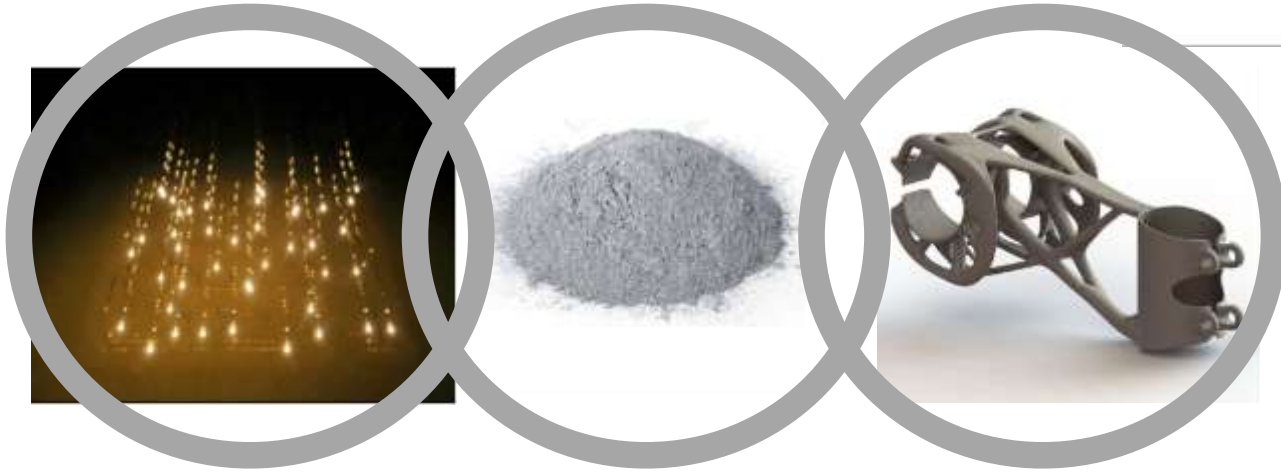
Luis Portolés – Head of Strategic Markets & Research Exploitation – AIDIMME



1 Kg. = 4 tons of fuel + 12.5 tons of CO₂

40-90%
of weight reduction

Metal AM meets Nanotechnology



○ Powder of **nano-enhanced Titanium alloy**.

○ Process **available** for Additive Manufacturing.

○ Health, Safety and Environment **datasheet**.

○ **30% increase of mechanical behaviour** over standard Titanium alloys.

○ **40% lower in material/process qualification** than current solutions on the aerospace market.

Our goal is...

*a novel & stronger Ti-composite
for printing parts*






to fly

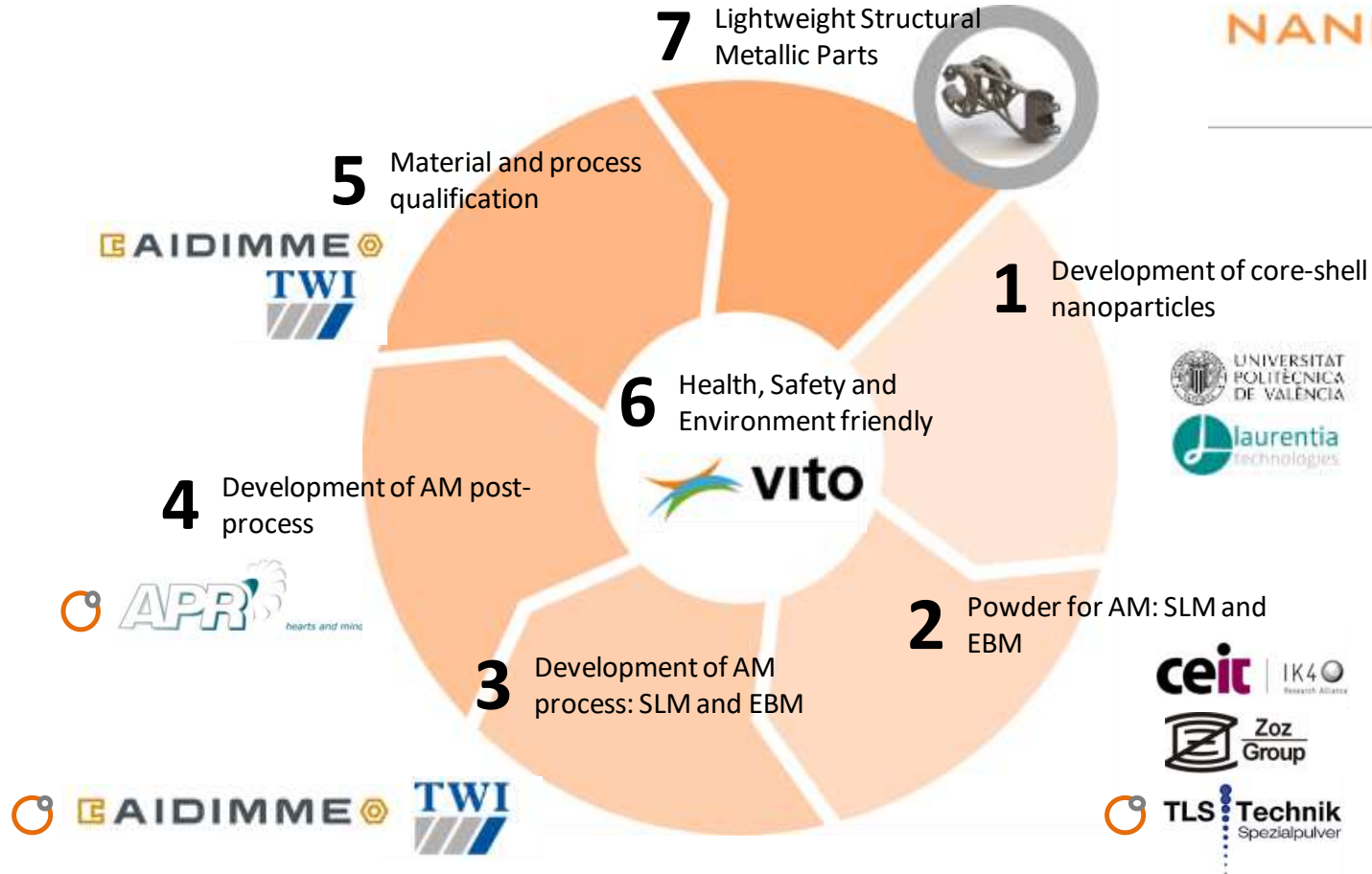
higher, longer, cleaner and at lower cost

for

manufacturer & consumer in all aerospace

We offer...

-  *Materials: NPs, powders*
-  *Consultancy*
-  *Research*
-  *Post-treatments*
-  *Testing*



*If you have in mind to
lightweight your products
with confidence,*

become a tester!

Visit us for a real demonstration!

Nanotun3D-day

www.nanotun3d.eu

March 07, 2018 at Wenden/Germany

OZ-18 special interest program



right after OZ-18
(with address by Commissioner Oettinger)
or any time before.

Senior VP of Airbus Group
already confirmed !



Prof. Zoz & Dr. Müller-
Wiesner during OZ-16



10th International | 10th German-Japanese
Symposium on Nanostructures

*March 4-6, 2018
Wenden, Germany*



Follow us at:

<http://www.nanotun3d.eu/>

*several Posters available at
EuroNanoForum 2017
invitations for OZ-18 available*



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