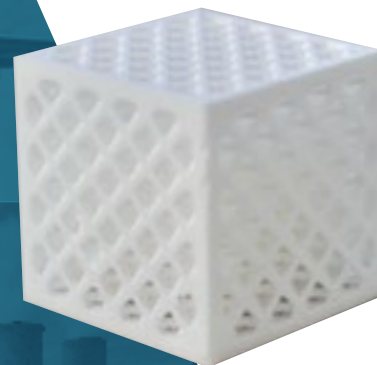




FIRST PRODUCTION CENTRE
OF CERAMIC 3D PRINTING
MADE IN FRANCE



CERAMIC 3D PRINTING,
A KEY OF TODAY'S
INNOVATION
CHALLENGES

NOVA^{ADDITIVE}
WE PRINT CERAMICS



01 PRODUCE OR HAVE PRODUCED ?

⚡ TODAY, TWO SOLUTIONS EXIST :
integrate and be trained on a printing line with its sintering furnace or to **outsource** the manufacturing.

⚡ WE SIMPLIFY
for all the access to ceramics impossible to produce other than by **3D printing** !



02 CUSTOM-MADE CERAMICS



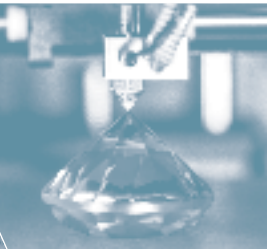
NOVADDITIVE PRINTS CERAMICS FOR YOU!

- ▮ tooling
- ▮ proofs of concept
- ▮ prototypes
- ▮ unique pieces
- ▮ small to large series

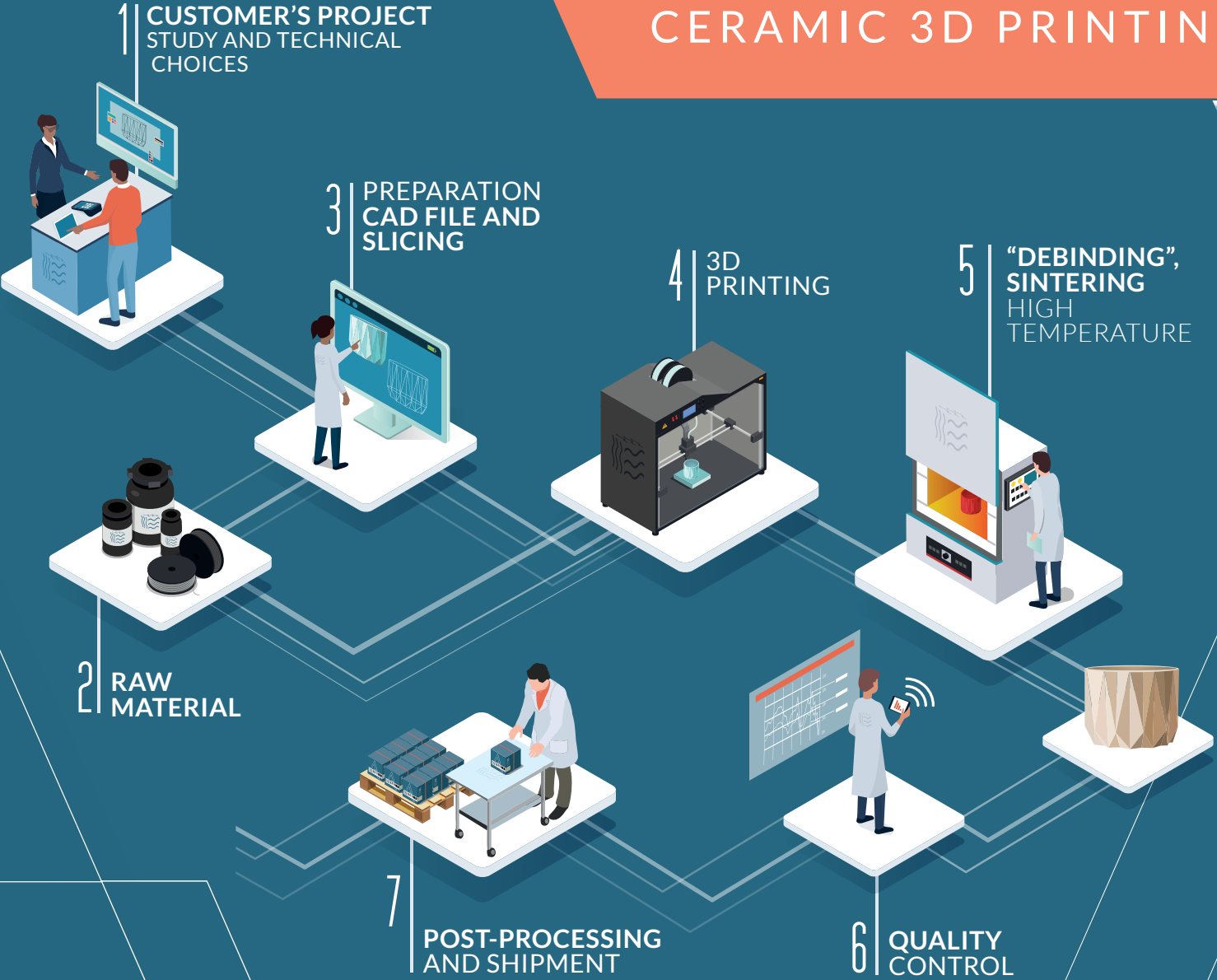


FOR VARIOUS SECTORS:

- ▮ research
- ▮ technologic industries
Defence, aéronautics, spatial, nuclear, luxury, chemistry, energy,...
- ▮ lifestyle, tableware, design, art, ...



CERAMIC 3D PRINTING





03 A UNIQUE SKILL



⋮ A UNIQUE FRENCH
SAVOIR-FAIRE

based on 30 years of expertise in the ceramic industry

⋮ A WIDE RANGE OF **CERAMICS** :

aluminas, zirconias, ATZ, Si₃N₄,
AlN, HAP, TCP, silica, cordierite, SiC,
porcelaine, cordierite-mullite...

⋮ **SEVERAL ADDITIVE**

manufacturing technologies of
ceramics: SLA, FDM, LDM, ...





04 BENEFITS OF 3D PRINTING



ADDITIVE MANUFACTURING ALLOWS THE CREATION OF **COMPLEX GEOMETRIES OTHERWISE UNATTAINABLE**

- boosts R&D
- reduces development time of new products
- taylor-made products in units or series
- opens up new fields of creativity

BUT ALSO...

- saves raw materials
- contributes to the relocation
- takes part in industrial excellence



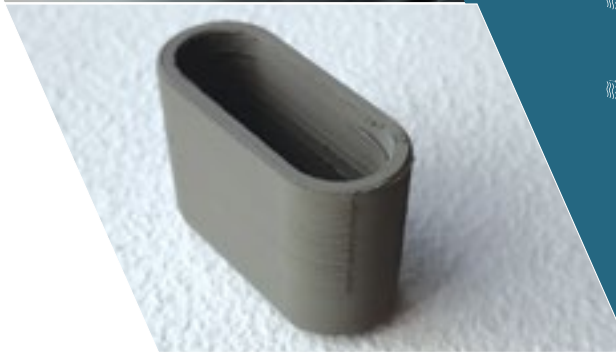
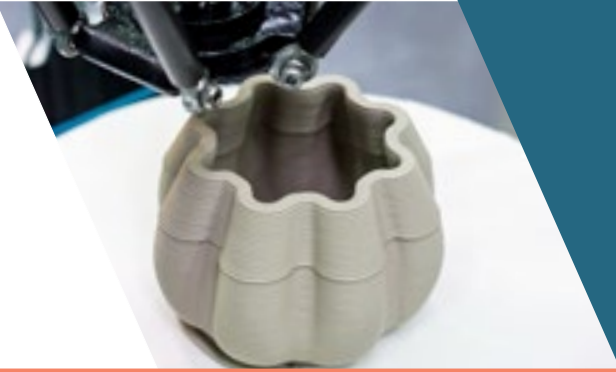


CERAMICS OFFER UNPARALLELED POTENTIAL THROUGH THEIR INCOMPARABLES QUALITIES

05 CERAMICS PROPERTIES



- Refractarity
- Electric insulation
- Thermal conduction insulation
- Abrasion resistance
- Hardness
- Toughness
- Biocompatibility
- Aesthetics
- Chemical inertness



06

TODAY'S INNOVATION CHALLENGES



ENERGY TRANSITION

- Hydrogene
- Fuel cells
- Low tech

SUSTAINBLE DEVELOPMENT

- Deposition of material only where necessary
- Relocation of production



NEED OF SECURITY

- Living well on earth for as long as possible in good health
- Protect individuals

INCREASING OF PERFORMANCES

- Increase operating temperatures
 - Electronic miniaturisation



07

SUMMARY

MAKING YOUR PARTS WITH NOVADDITIVE IS TO LIVE A NEW EXPERIENCE

*«we simplify the creation of exceptional parts and
free you from the manufacturing process»*

Vincent Poirier
Founder and CEO



NOVADITIVE

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FRANCE



WE PRINT
CERAMICS