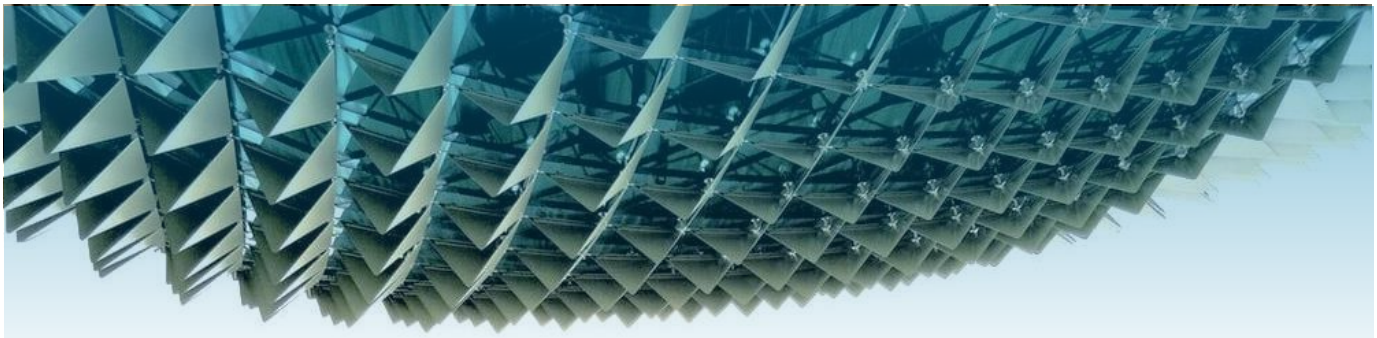
NANOGRANDE

MANUFACTURING PROCESS SUPPORT

INDUSTRIAL SERVICE CENTER

PLASTIC INJECTIONS - POLYMERS 3D PRINTING - CNC MACHINING - METAL ADDITIVE MANUFACTURING

GET THE BEST SERVICES FOR YOUR COMPANY
FROM DESIGN TO MASS PRODUCTION



Our experience

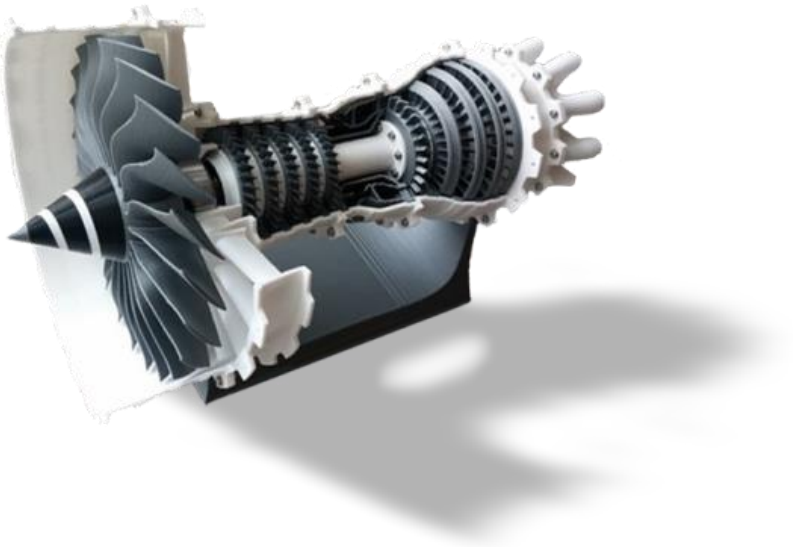
Nanogrande's team has several years of experience in manufacturing, automation technologies and processes. It is notably composed of physicists, chemists and engineers. Our team specializes in thin films, 3D printing, and thermoplastic injection.

Our services

- Design CAD 2D, 3D
- Prototyping
- Small and large volume manufacturing
- Plastic and metallic 3D printing
- Molds and thermoplastic injection
- Electric and mechanical design
- Analysis by high-end microscopy
- Process automation

Your advantages

- Speed up your development time up to 10x
- Reduce your R&D expenses by up to 50 %
- Increase your range of materials and technologies
- Get integrated and professional services
- Produce discontinued parts



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www.nanogrande.com

How to work with us?

To access our consulting, development or production services, please contact our office in Montreal.

We will find the solution to your dead ends with you quickly and without complicating your task.

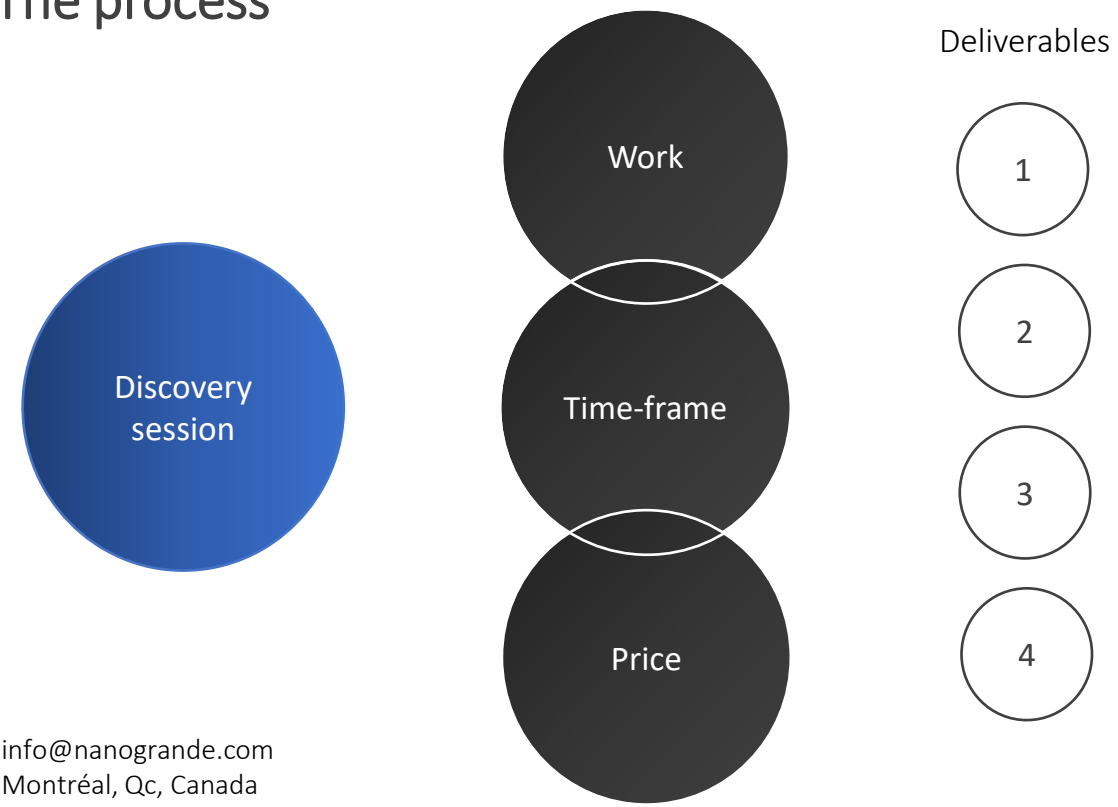
Includes a no question asked 100% money back guarantee if the service doesn't meet your needs.

What sets us apart

Our know-how stems from a deep understanding of the industrial field and the impact brought by a 3D-based approach. Indeed, the use of a suitable and optimized design for 3D printing coupled with high precision machining has the potential to exponentially improve your production capacity.

Among the various achievements of the Nanogrande team, there is the development of a protection tool for the Canadian Defense Department, the programming of the lighting and security effects system at the Bell Center in Montreal, the analysis and the deployment of protective surfaces for AIRBUS, as well as the co-development of an intelligent fertilizer for Agriculture Canada.

The process



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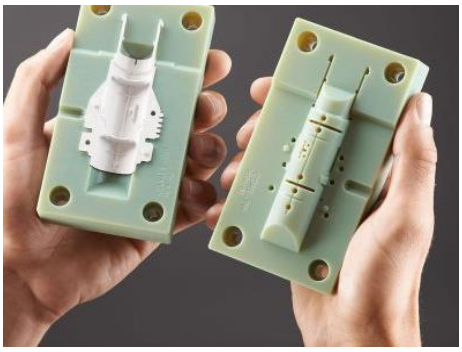
3D printing/ additive manufacturing

DMLS, SLA, SLS, Polyjet
Stainless-steel 316-L, Titanium 6-4, Copper alloys + more
Maximal resolution of 5µm
Average lead time of 3-7 days

CNC machining

Milling, turning, machining, threading, drilling, tapping, deburring
Several metals and plastics
3 and 4 axis systems
Lead time of 2-4 weeks



Thermoplastic injection

Polymers and resins
Up to 600 tonnes of pressure
Prototyping and mass production
Average lead time of 2 months

In addition to the processes you already know and need, you'll have access to new and modern approaches, such as thin film, 3D design and printing. From prototyping to limited or mass production, you will have a partner who is experienced and professional, in order to position yourself as a strong and competitive company.

Formnext 2018 winner
New York frontier tech 2017
Octas prize winner 2017
Dunamis innovation dinstinction 2017

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