



DIAM CONCEPT : LA PREMIERE ENTREPRISE
FRANCAISE DE PRODUCTION DE DIAMANTS ETHIQUES
ET ECO-RESPONSABLES POUR LA JOAILLERIE ET POUR
DES TECHNOLOGIES HIGH-TECH



MINED DIAMONDS ARE NOT FOREVER

MINING ABROAD

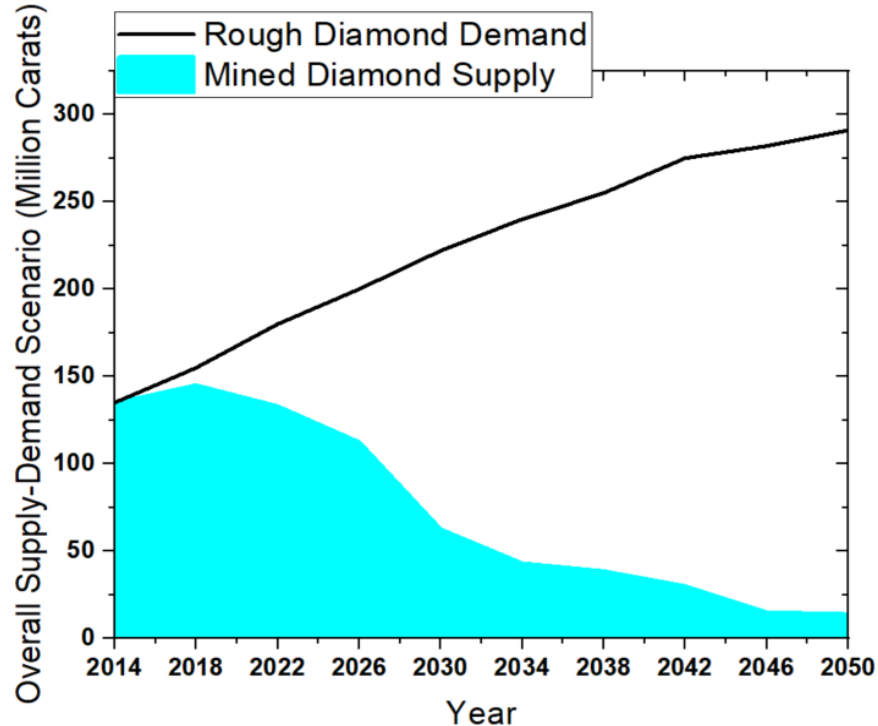


CLEANTECH AT HOME



DISRUPTIVE
DIAMONDS
targeting YOUNG
GENERATIONS
and CONSCIENT
PEOPLE

MINED DIAMONDS ARE NOT FOREVER



POSITIVE UPWARD DEMAND TRENDS:

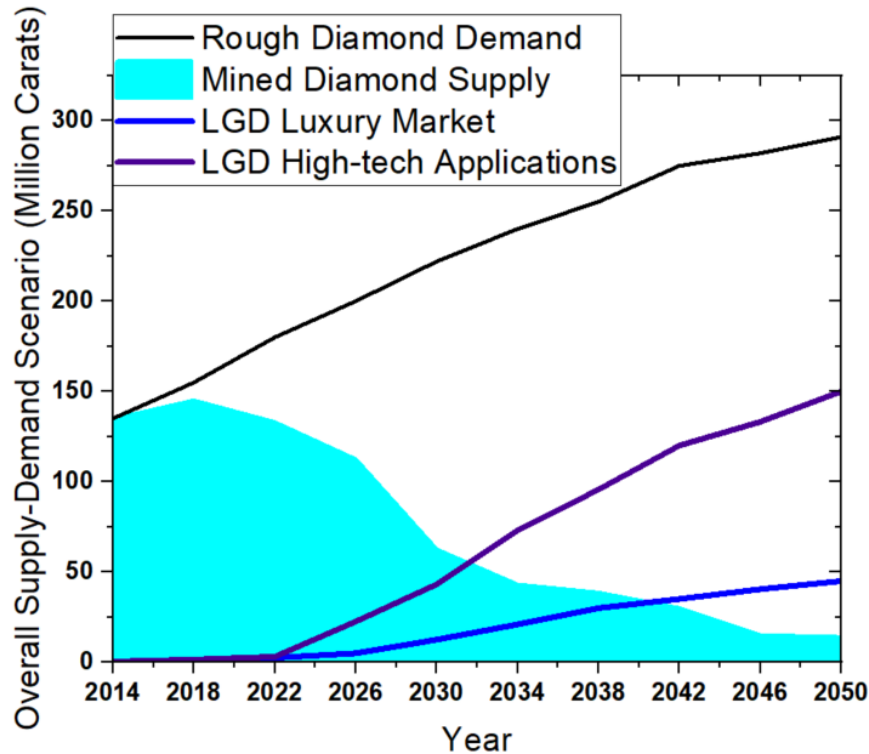
- JEWELRY: increasing demand from developing countries
- INDUSTRY: new high-tech applications

POSITIVE DOWNWARD SUPPLY TRENDS (changes in consumption patterns):

- CONFLICT-FREE
- ENVIRONMENTALLY-FRIENDLY
- DOMESTIC PRODUCTION

Sources : Bain & Co 2015 & 2021, Statista 2021, Frost & Sullivan 2014, Paul Zimmisky, 2018

THE RISE OF LAB-GROWN DIAMONDS BRIDGE THE GAP



Sources : Bain & Co 2015 & 2021, Statista 2021, Frost & Sullivan 2014, Paul Zimmisky, 2018








High-End Luxury Market

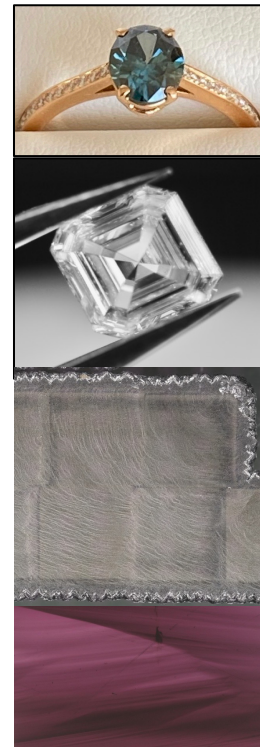


High-Tech Applications

- **WIDE DIAMOND WAFERS** (electronics & thermal management, Optical windows, ...)
- **ULTRAPURE LAYERS** for quantum information

DIAMONDS GROWN BY PECVD WITH LOW-CARBON FOOTPRINT

-  Low-carbon footprint (by a factor of at least 10 when compared to the « *cleanest* » mines)
-  Ethical (conflict-free) and 100% traceable
-  Up to 150 diamonds grown per run
-  Diamonds with near-no structural defects (10X)
-  Various types of diamonds including D to F color grade, carat size 0,5 - 2.0 carats, blue, green, pink diamonds
-  Large single crystal diamond wafers
-  Quantum Technologies : Atomically pure diamond layers & highly NV- centers doped layers



PROJECT BASED ON OUR PATENT-PROTECTED PECVD REACTORS

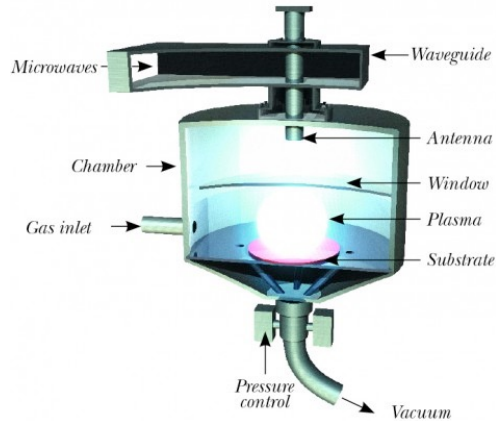
PROPRIETARY DESIGN
for 915MHz Plasma
enhanced chemical vapor
deposition REACTORS



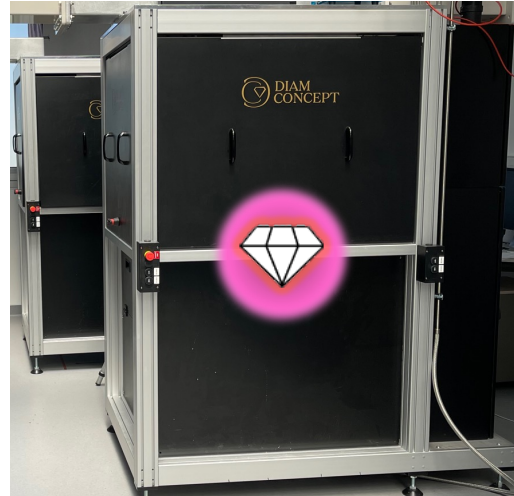
A PILOT PRODUCTION
LABORATORY with 6
reactors in operation
South Paris



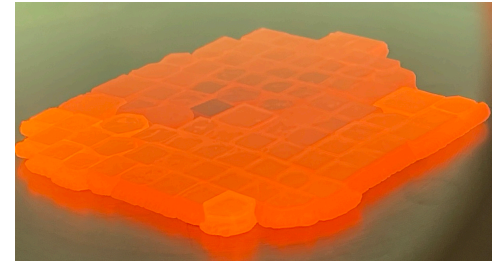
NEW
MANUFACTURING
PROCESSES in the
field of plasma physics



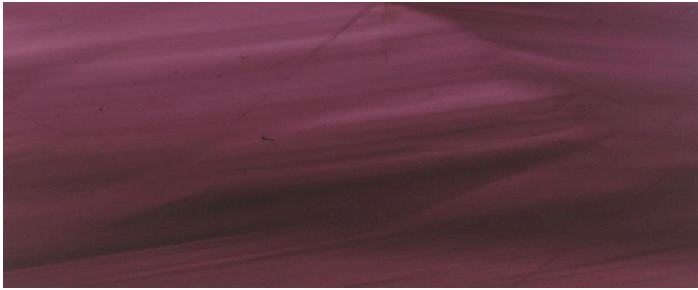
Internal design of our reactors
Collaboration with LSPM-CNRS
on plasma modelling



Our pilot Production
Laboratory



Diamonds growing inside a
reactor



KEY ASSETS

- DIAM CONCEPT incorporation (2016)
- Pilot Production Laboratory (2021)

Management staff:

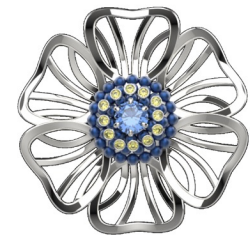
- Pr. Dr. Alix Gicquel (CEO), founder, 30 years in research in plasma for diamond growth
- Dr. Ing. Philippe Pradel (COO)
- Véronique de Beaumont (CMO)

11 Employees (including 6 with PhD)

Multidisciplinary team with skills in:

- Modeling & design of reactors
- Spectroscopy
- Plasma physics
- Crystalline growth
- Gemmology

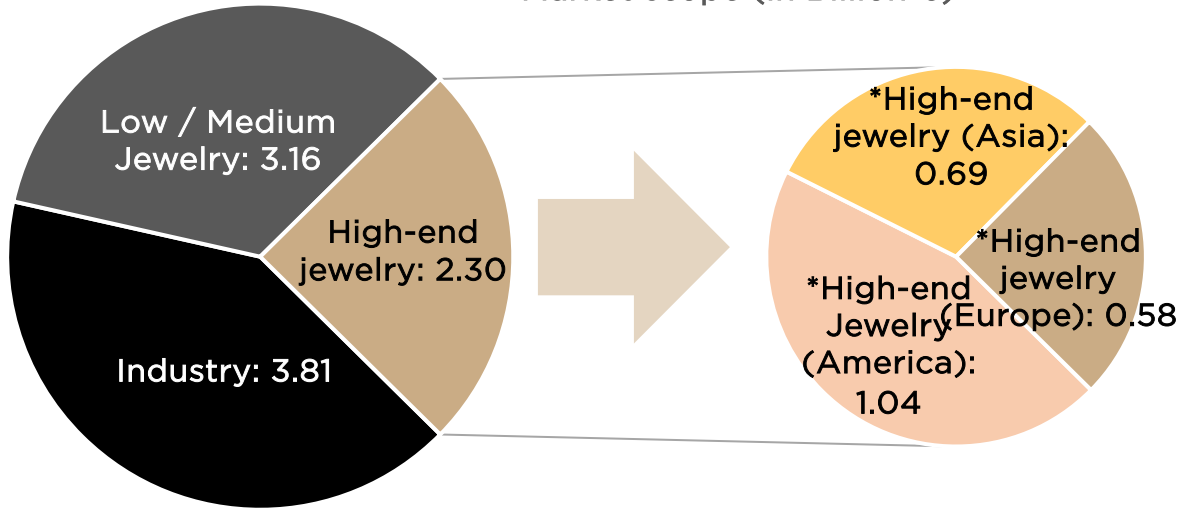
- Five 915MHz + 2.45GHz reactors
- Characterization tools: Diamond View, Raman and photoluminescence spectroscopy, numerical micrography system
- Cutting/polishing tooling: water jet laser cutting machine, 5 diamond polishing scaives
- 3 Patent families (FTO) and 10 ongoing patent applications.
- Processes for growing colored and colorless diamonds (F color grade) 0.5 – 2 carat size.



Diam Concept by Courbet

THE DIAMOND MARKET: A HUGE BUSINESS POTENTIAL

Market scope (in Billion €)



INCREASING PRODUCTION CAPACITIES

DIVERSIFICATION MARKETS

(DIAMOND WAFERS,
ULTRAPURE LAYERS,
QUANTUM Tech.)

Total Available Market

€2,000M - €3,000M

Serviceable Available Market

€500M - € 750M

Serviceable Obtainable Market

9.6% - 14.4% in 2027

OUR COMMUNICATION CAMPAIGN IN MAINSTREAM MEDIA

The New York Times
11/09/2018

TV5MONDE
25/10/2019



Capital
15/10/2019
22/01/2022

LE FIGARO · fr
madame
24/01/2020



Diam Concept : la naissance d'un diamant made in France !

tv78
la chaîne des Yvelines
05/11/2020

PARIS MATCH
06/01/2020

6 GROUPE
19/01/2020

2
25/06/2018

tjp
the french jewelry post
22/02/2022

Le Journal du Dimanche
22/11/2019

16/10/2019,
08/01/2022
RTL
27/12/2019



BFM PARIS
01/12/2020

BFM BUSINESS
04/02/2021
09/05/2021
18/01/2022
(Tech&CO: *Antum*)

L'OBSS

MAYONÈZ
1/08/2020

abc NEWS
29/05/2021

Libération
15/10/2019

BijoufierHorloger
Magazine des montres & bijoux



Journal du Luxe
29/02/2020

TECHNIQUES DE L'INGÉNIEUR
08/12/2020

france bleu

Forbes
08/12/2020

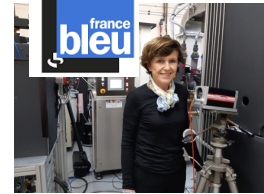
OBJECTIF CROISSANCE
BFM_Bus_12/08/2022



FranceSoir
15/10/2019

Challenge
20/06/2019

BFM TV.
18/10/2019



Les Echos
19/12/2019
05/02/2020
13/03/2020

Explore Media
06/04/2021

Ca M'INTÉRESSE
19/08/2020

Le Parisien
31/01/2020
29/05/2021

L'EXPRESS
04/11/2019

france culture

ouest france
14/02/2021
Le Point
11/12/2019