

TECHNICAL/TECHNOLOGICAL AUDIT AND INDUSTRIAL FEASIBILITY

the starting point for the development and application of Product and Process Innovations.



We guarantee Solutions, not just Projects® . . .

Stimulating affirmation if it arises from the awareness that Manufacturing Companies need a reliable Partner, to support the internal Technical Structure, capable of responding in an integrated way to the needs of Industrial Innovation. We work with a vocation for great challenges: we combine Experience and Innovation, Knowledge and Experimentation, but above all Creativity and Technology - we have a strong ability to understand the needs of the Industrial Company, creating Custom Solutions that are able to combine technical, managerial and economic needs. , assuming responsibility in terms of achieving the results and objectives agreed with the Company/Customer.

DVMENGINEERING

We develop - Industrial Product and Process Innovation - on-Demand in different Technological/Mereological Sectors based on a consolidated Technical/Technological Expertise: more than **20 different known Technologies, over 120 Types of Products explored, availability of over 100 proprietary Innovations ready for industrialization and production in 130 different industrial applications for 21 different productions.**

With the **DVM®Innovation Turnkey Supply System** formula as "Innovation Supply System" (see pg 4) which guarantees the Company/Customer, regarding the achievement of the objectives, benefits, and results (Functional and Cost) agreed and contractually specified, obtainable from the application of the Innovations developed by **DVMENGINEERING**.

Integrated Operational Innovation Plans . . . a partnership for the future of the company.

DVMENGINEERING is supported by **Partner/Advisor** for the simultaneous application, within the entire Industrial Innovation Development Cycle, of Strategic, Technical/Technological Skills (Product and Process Innovation Development), Finance (Facilitated and Extraordinary), Legal (Rights and Patents) and more.

TECHNOLOGICAL AUDIT and INNOVATIVE PROJECTS

Preparatory activity, to be able to develop a "framework of possible solutions", especially from a Technical/Technological point of view but also from an Economic-Financial point of view, with the aim of defining an **Innovation Project (Product/Process)** that outlines the guidelines for Business Development Programs and Innovative Finance Plans (Subsidized and Extraordinary) and more.

No-Costs are charged to the company - a targeted commitment of the internal Technical Team is required, for a maximum of 20 days.

Why the Technical/Technological Audit?

- Verify the Functionality/Performance of the Product (new or existing) and evaluation of the Process and Technologies.
- Identify the "real needs" of Product Development and Production Process, as part of the Company Strategies that will emerge from: data processing, operational reconnaissance, and meetings.
- Resolve innovation needs by defining: Concept of Product and/or Process Innovation, Technical Human Resources, Management and IT Systems, Investment Plan, Protection, Planning.

Who is interested in the "Technological and Economic-Financial Feasibility" of Innovation?

The Technological Audit is useful for companies that want to evaluate DVMENGINEERING's Innovations and Assets as a solution for their Innovative Product and Process Development needs. The Innovation Report with the Economic-Financial Report (both No-Cost) will allow a Preliminary Analysis of the Program proposed by DVMENGINEERING. The Feasibility Plan subsequently elaborated by DVMENGINEERING is essential to correctly elaborate a "credible" Subsidized/Extraordinary Finance Project and Protection Plan.

What does the Technological Audit allow?

- Identification of innovation (marginal or radical) according to the "risk" to the Company.
- Planning of Innovation Development Activities.
- Sizing of the necessary investments, verifying access to the relevant national and / or European funding programs.
- Develop an **Innovation Report** (DVMENGINEERING) accompanied by an Investment/Financing Plan by our **Financial Partners** (Financial Advisors, Investment Funds/Financing, Banks) and **Legal Partners** (Rights and Patents).

What will DVMENGINEERING's COMPANY INNOVATION REPORT allow?

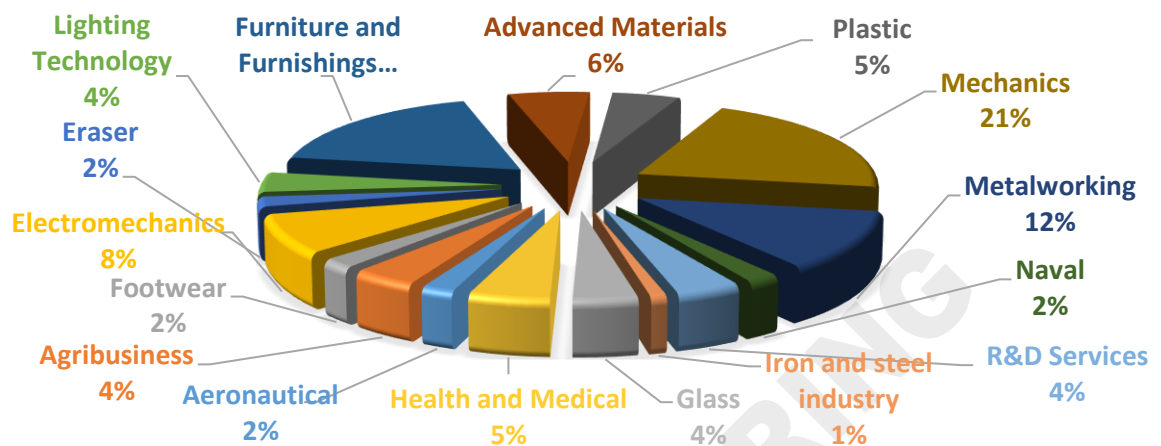
Preparation of the Feasibility Plan and Technical/Technological Project (DVMENGINEERING), Economic-Financial (FINANCIAL ADVISOR) and Industrial Protection (LEGAL ADVISOR) functional to the Development of Product and Process Innovation of the Company concerned (see pg. 7).

A Roadmap for the Company

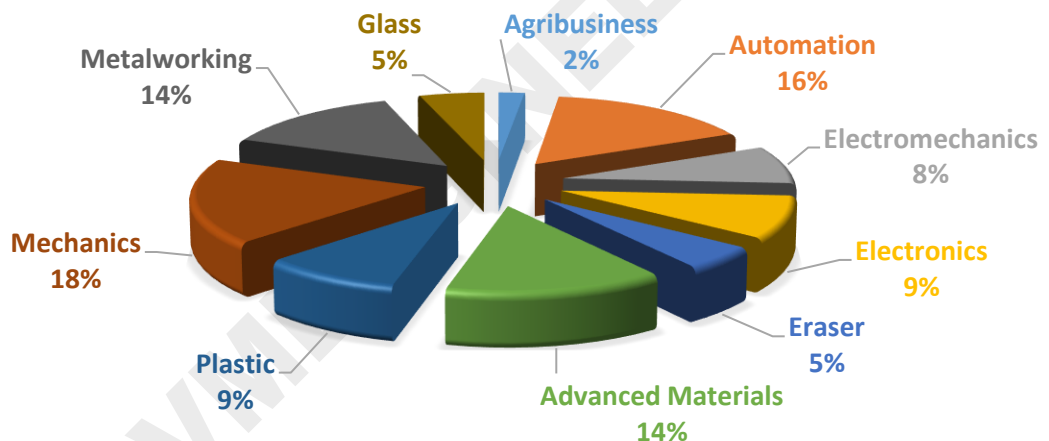
- 1st Data Survey (COMPANY) with technical support, identification of Critical Factors and Areas of Innovation (DVMENGINEERING).
- 2nd Elaboration of the **Innovation Report** (DVMENGINEERING).
- 3rd **Economic-Financial Report Processing** (ADVISORS).
- 4th **Feasibility Plan and Innovation Project** with start-up and implementation (DVM/ADVISOR).

DVMENGINEERING CORP LTD is a new company (<https://www.directainnovation.com/>) which was born from a consolidated Know-How made up of Industrial Consultants who have worked for over 40 years in various Technological Sectors. Our Customers/Targets are those Industrial Companies that create the Product Types and use Technologies that fall within our Technical/Technological Know How, to be able to give a more reliable response to their needs.

In the last 10 years we have developed about 200 Product Projects (47%) and Processes (53%) in different Industrial Sectors:



We have differentiated **technical/technological knowledge**, concerning:



DVMENGINEERING CORP LTD's INNOVATION DEVELOPMENT includes Operational Areas such as:

Development of New Products and Production Processes - on the basis of the Technical and Marketing Specifications, we define the Functional and Economic Performance with the elaboration of the Break-even-Point and then we develop the Technical Solutions: from the Concept to the Construction/Test of the Prototypes, to the Industrialization and processing of Production Technical Sheets.

Updating of Existing Products and Processes - for the improvement of the functional performance of the Product/Process, the reduction of the Production Cost and the rationalization of the Process Layout.

Transfer of product and process innovations related to DVM/Innovations - the more than 100 proprietary Innovations are ready to be industrialized and applied in the production of: **Clothing and Footwear, Agri-food, Lifts, Automotive, Office and Home Systems, Industrial Closures/Doors, Appliances, Hardware Components, Lighting, Automation, Mechanics,**

Packaging, Healthcare & Medical, Self-Propelled and Semi-Trailers, Municipal Solid Waste Treatment, Glass.

Technological Outsourcing for In-Site Development - for a period of 3 years as part of a Program for the achievement of Contractually established Technical/Economic Objectives.

DVM®Innovation Turnkey Supply System - a Product/System consisting of a Package of Integrated Solutions that covers all the Development and Implementation Phases of Innovation, following a Program for the achievement of the Contractually established Technical/Economic Objectives; in particular:

- Technical / Technological Audit of Innovation Needs.
- Definition of Product Performance and Production Process.
- Concept and Design Development of the new Product / s or modification of existing ones.
- Industrialization of Innovations and related Transfer.
- Construction of Product Prototypes, complete with experimentation, testing, certification.
- Production Technologies and Process Design (new or modification of the existing one).
- Sizing of Productive Technical Resources (Employees, Materials, Means).
- Organization of the Manufacturing Plan Layout.
- Supply and Installation of Machines, Plants and Automation Systems.
- Implementation of Production Management and Supervision Systems.
- Training of Technical Production Personnel.
- Assistance to the production of the pilot series.
- Start-Up and fine-tuning of the Product and Production Process.

Our **Pluses** for **Innovation Engineering Development**:

- No-Cost Technological Audit and Feasibility Analysis for the first access to our Products/Services, which provides a Technical/Technological Scenario and on the possible Product Innovation and Production Process Strategies.
- High Level of Innovation for the Integrated Development Methodology used by our Teams who simultaneously apply Technical/Technological Know How and Multidisciplinary Specialized Skills that the Client does not possess within their Technical Structure.
- Time-to-Market with Costs and Development Times reduced compared to those of the internal Technical Structure.
- Value Proposition elaborated based on the benefits and measurable results, contractually agreed, that the Company/Customer obtains from the Product/Service supplied. We take responsibility for the Delivery of the agreed Results and Objectives in the main Industrial Sectors.
- Variable Cost Price Policy, i.e., with a percentage remuneration with respect to the measurable economic results achieved by the Customer, following the application of our Innovation Solutions.

To date we have in our direct availability over 100 proprietary Innovations ready for the industrialization of about 130 different Industrial Applications in 21 different Productions, the knowledge of more than 20 different Technologies and over 120 Product Types explored, such as:

Product Types

- | | | |
|-------------------------------------|------------------------------|---------------------------|
| - Sportswear and Healthcare | - Canned Foods | - Mobile Emergency Device |
| - Accessories for Doors and Windows | - Automotive setups | - Refrigeration Equipment |
| | - Outdoor Lighting Equipment | - Carpentry assembly |

- Electro-Mechanical Door and Window Actuators
 - Surgical aids
 - Medical aids
 - Emergency Medical Aids
 - Assistive products for motor disabilities
 - Automation for Furniture Assembly/Packaging
 - Automation for Packaging and Logistics
 - Safety Footwear
 - Leather Footwear
 - Sports Shoes
 - Retractable hood
 - Self-filtering hood
 - Forklifts
 - Automotive bodywork
 - Cabinet for Furniture
 - Motorized Hinge for Doors and Windows
 - Rubber hinges
 - Security Locks
 - Building closures
 - Closures for Hangar
 - Urban Solid Waste Compactors
 - Abrasive components
 - Extruded Steel Components
 - Aircraft Components
 - Automotive components
 - Mechanical Components and Assemblies
 - Lead Casting Components
 - Motor scooter components
 - Industrial Vehicle Components
 - Glass Components
 - Steel ducts
 - Paint Packaging
 - "Self-refrigerated" isothermal container
 - Containers In Plastic Material
 - "Design Oriented" lighting bodies
 - Technical Lighting Bodies,
 - Domotic kitchen
 - Ball Bearings
 - Disposable Dispenser
 - Coffee distribution
 - "Extensible" sofas
 - Food Pasta Moulders
 - Photocopiers
 - Industrial refrigerators
 - Large Structural Components
 - Guard rail
 - Rubber seals
 - Grilled
 - Hooking Components
 - Self-Modelling Packaging
 - Automated Packaging Systems
 - Plants and Systems for Chromotherapy
 - Differentiated Waste Treatment Plants and Systems
 - Automatic Ship Hull Maintenance System
 - Automatic Aircraft Maintenance System
 - Automatic Vegetable Harvesting Plant
 - Automatic Leather/Fabric Cutting System
 - Therapeutic island and multifunctional assistance
 - Aluminium Laminates
 - Glass plates
 - Logistics of Bakery Products
 - Demolition Hammer
 - Reinforced Plastic Materials,
 - Mechanisms for Transformable
 - Self-powered Micro-Motorization
 - Office Furniture and Walls,
 - Upholstered Furniture
 - Mono-block/Kitchen for "disabilities"
 - Mobile Monoblock
 - Disposable for Food
 - Motor Control Centre
 - Engines Starting
 - Diesel Engines
 - Photovoltaic shutter
 - Panels in replacement Particleboard
 - Automotive tires
 - "Self-modeling" Relax Armchair
 - Heat pumps
 - Sliding Doors and Frames
 - Protection for Extended Agricultural Crops
 - High Tension Strapping Machines
 - "Blind" Environmental Detector
 - Bag for Ileostomy and Colostomy
 - Electronic boards
 - "Biodegradable" foam
 - Modular shell of upholstered furniture
 - Office chairs
 - Self-propelled Earthmoving
 - Shutters
 - "Pantograph" system for furniture and windows
 - Self-repairing Building Closure System
 - Lift cabin system and engines
 - Miniaturized kinematic system
 - Photovoltaic Captation System
 - MSW Bin Sanitation System
 - Full-Office system
 - Graphene lighting system
 - Integrated Furniture/Home System
 - Interactive Wall/Office Furniture System
 - Greenhouse Production System
 - Automatic Cutting Systems
 - Packaging Systems
 - Storage Systems
 - Spoiler Motor scooter
 - Structure/Frame Adaptive for Self-Propelled
 - Air Flow Adjustment Valve
 - Industrial Vehicles and Semi-Trailers
 - Automotive glazing
 - Electromechanics,
- Technologies**
- Agri-food,
 - Automation,
 - Electromechanics,

- Electronics,
- Metalworking,
- Glass Processing,
- Mechanical Machining,
- Rubber molding,
- Plastic Molding,
- Composite materials,
- Nanotechnologies.

Sectors of Innovation

- Clothing and Footwear,
- Agribusiness,
- Mechanical Equipment,
- Lifts and Hoists,
- Automotive,
- Locks / Industrial Doors,
- Domestic appliances,
- Urban Solid Waste Compactors,
- Packaging and Packaging,
- Glass sheets and components,
- Wood Panels,
- Mechanical Productions,
- Health and Medical,
- Semi-trailers, Self-propelled and Earth Moving,
- Automation systems,
- Lighting systems,
- Systems/Office and Home Furniture.

All the accumulated know-how has allowed us to independently invest in the development of over **100 proprietary Product and Process Innovations** that can be sold for 126 different applications in 21 different productions, such as:

- Clothing and Footwear (Qty 2)
- Moto-Scooter Accessories (1)
- Hardware Kinematics (8)
- Lighting Equipment and Systems (4)
- Lifts and Hoists (1)
- Automotive Batteries (2)
- Sanitary / Medical Equipment (15)
- Packaging and Logistics (4)
- Automated Agri-food Plants (Qty 3)
- Plastic Processing (5)
- Glass Processing (5)
- Food Machines (12)
- Advanced Materials and Nanotechnologies (4)
- Wood Panels (1)
- Doors and Windows (4)
- Doors / Industrial Doors (9)
- Photovoltaic Protections and Accumulators (2)
- Semi-trailers and Self-propelled (5)
- Integrated Furniture System/Home (19)
- Interactive Furniture / Office Wall System (2)
- Aeronautical / Naval Automation Systems (6)
- Operating Systems Industry 4.0 (2)
- Municipal Solid Waste Treatment (10)
- Mobile Emergency Units (1)
- Paints, Chemistry, Rubber (3)

Among these innovations, 29 have been identified with "high business potential", grouped into **INNOVATIVE PRODUCTIONS** that can be started with the creation of new Manufacturing Companies, promoted, and organized by **DVMINDUSTRIAL LTD**:

1. Health and Medical Apparatus and Equipment (Qty 8 DVM/Innovations).
2. Commercial, Self-Propelled and Military Vehicles (Qty 3 DVM/Innovations).
3. Office Systems and Equipment (Qty 2 DVM/Innovations).
4. Furniture and Home Furnishing Accessories (Qty 8 DVM/Innovations).
5. Automation and Robotics Systems (Qty 4 DVM/Innovations).
6. Urban Solid Waste Treatment Plants (Qty 4 DVM/Innovations).

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INTEGRATED PROJECT: Development, Innovation and Support Plans

