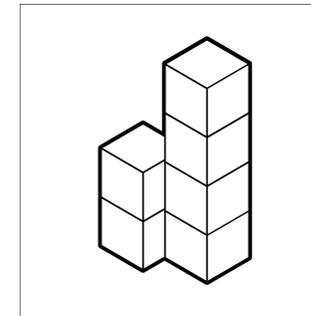
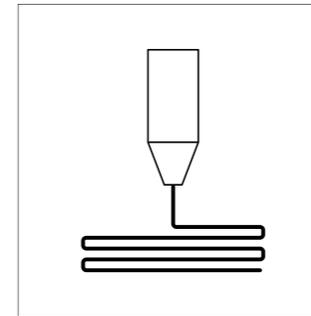
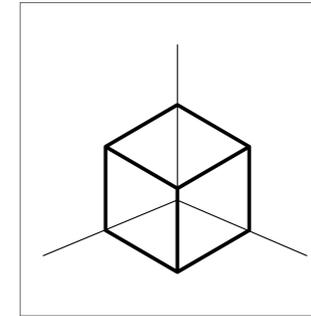
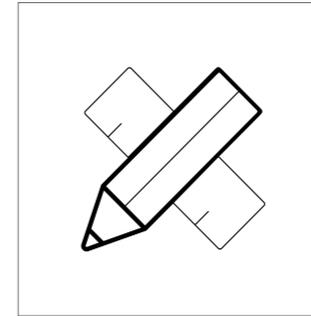






i&D is a product design agency and an industrial engineering office for industrial consumer product. The team stands out for its double expertise: engineering and product design.

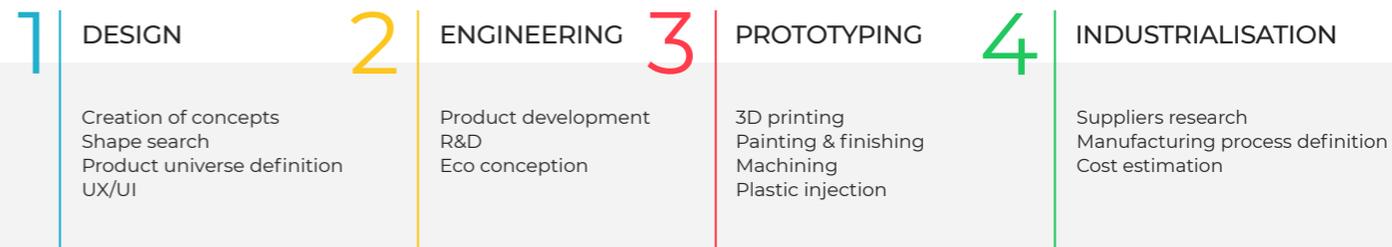


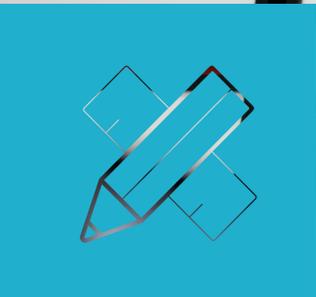


i&D OFFER



i&D intervenes and follows you on the whole or on a precise step of your product development. Save time with a single interlocutor !





1

PRODUCT DESIGN

a

RESEARCH IMMERSION

- Research : context, innovations, tendencies, users review ;
- Pre-study, product architecture, marketing and/or technical coordination according to the specifications.

UX

USER EXPERIENCE

- Brainstorming ;
- Creation of concept : user scenario, functionalities specifications, user interface & ergonomics

PRODUCT UNIVERSE PERSONAS DEFINITION

- Mood board ;
- Product positioning ;
- Personas (typical user).

b

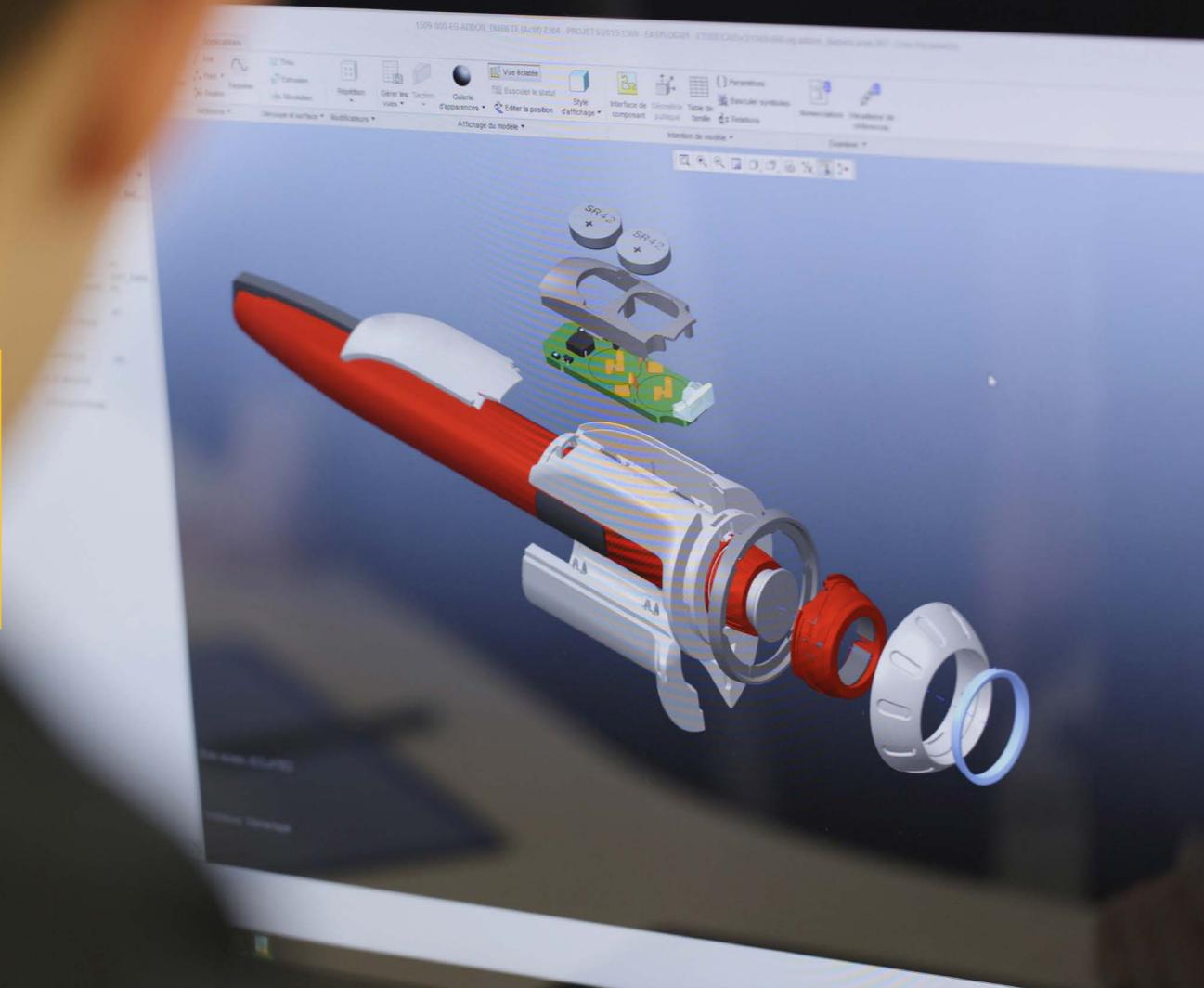
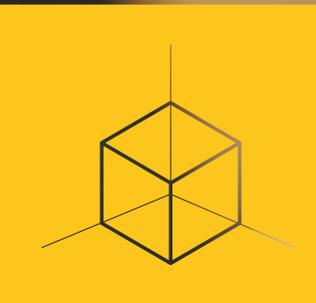
SHAPE DETAILS & FINISHES

- Search of shape ;
- 3D modeling ;
- Realistic rendering ;
- C.M.F. ;
- Cost price estimation.

c

MOCK-UP IMPRESSION 3D

- 3D printing: proportions and ergonomics validation ;
- Aesthetical mock-up: final colors and finishing validation.



2

ENGINEERING

a

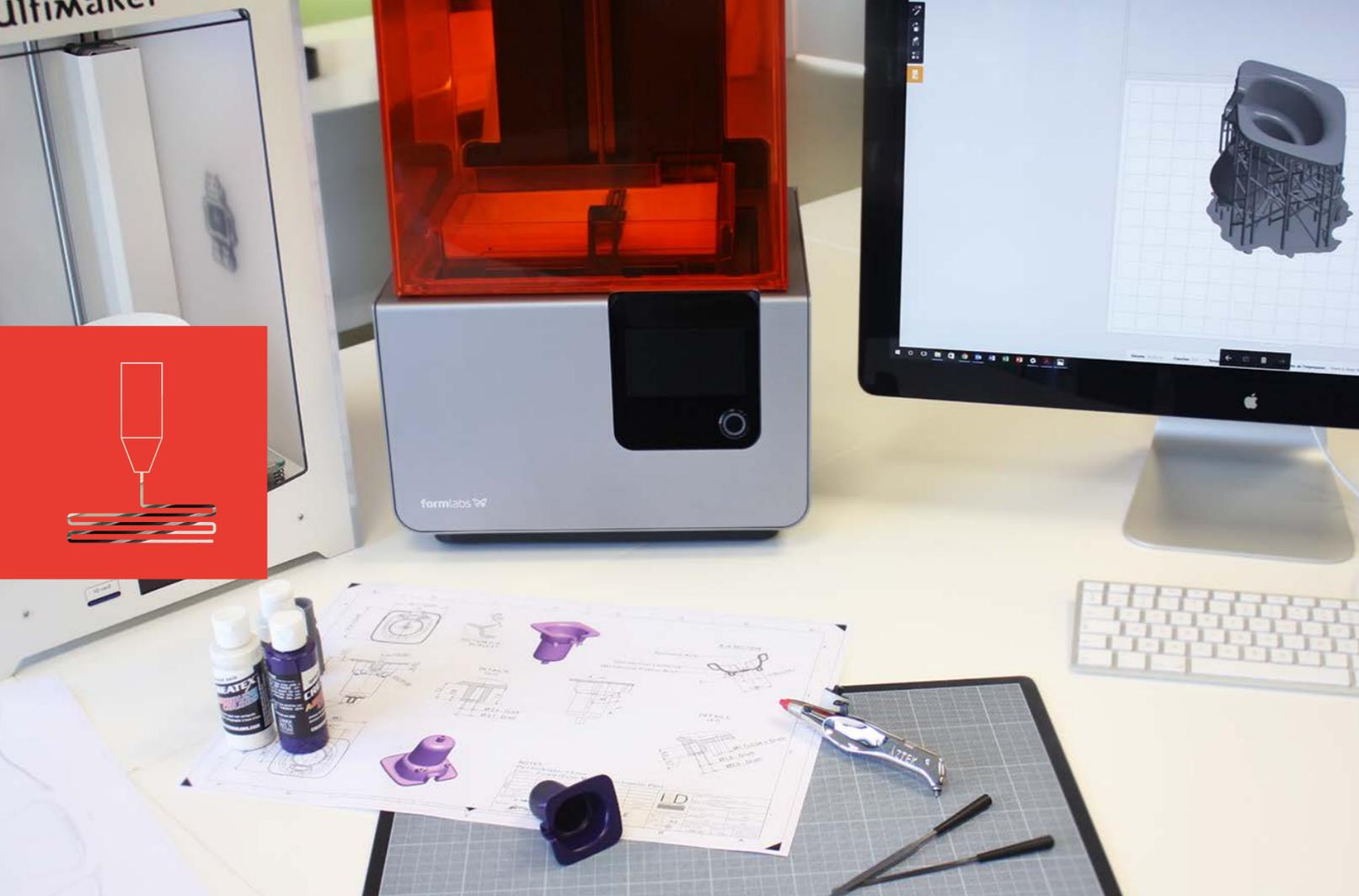
RESEARCH

- Monitoring & documentation: technological innovations, advanced technical solutions (R&D), patents, standards & quality;
- Brainstormings, concept creation;
- Pre-study;
- Launch and follow-up of tests in external laboratories for validation of research work, P.O.C. ;
- Completion of test benches.

b

DEVELOPMENT

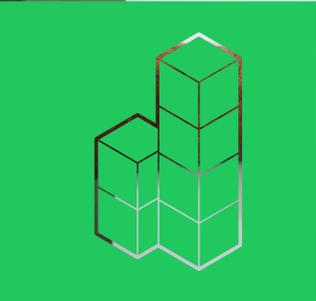
- Preparation of specifications;
- Complex 3D modelling and numerical simulations;
- Product design, technical study;
- Calculation & sizing;
- Coast chain;
- Production of study files, plans and product classifications;
- A.M.D.E.C. product;
- Production and development of prototypes;
- Reverse engineering;
- Ecodesign.



3

PROTOTYPING

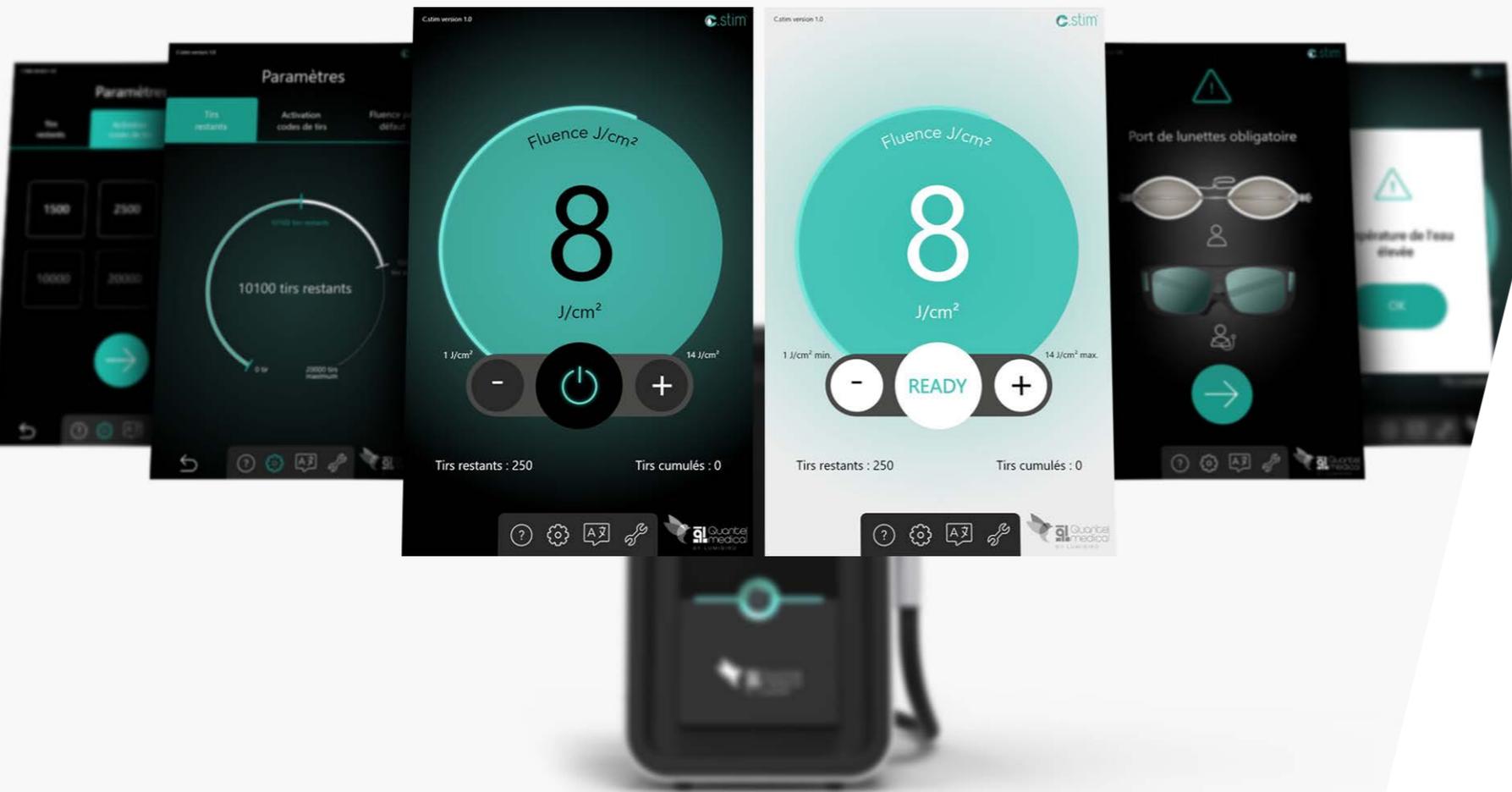
- Production of a quick mock-up by 3D printing;
- 3D printing by stereolithography (SLA);
- 3D Wire Deposition Printing (FDM);
- Production and development of functional prototypes;
- Powder sintering (SLS);
- Plastic injection;
- Vacuum duplication;
- Machining (CNC);
- Sheet metal working;
- Paint finishing and treatment;
- Laser digitisation.



4

INDUSTRIALISATION

- Search for suppliers and components;
- Negotiation of purchase conditions and prices;
- Production of classifications and production costs;
- Industrialization of products and components;
- Implementation of product quality specifications at suppliers;
- Integration of stakeholders into the project confidentiality framework.

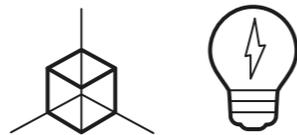


AN UX/UI EXPERTISE
TO ACCOMPANY YOU
ON YOUR **DIGITAL INTERFACE** PROJECT
FROM THE **VISUAL IDENTITY** RESEARCH TO **USER
EXPERIENCE** IMPROVEMENT.



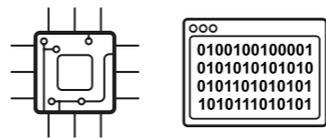
DESIGN & ENGINEERING

Creation, Technical Design and Industrialization, UI/UX.



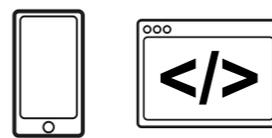
ELECTRONIC

Design of sensors & maps.

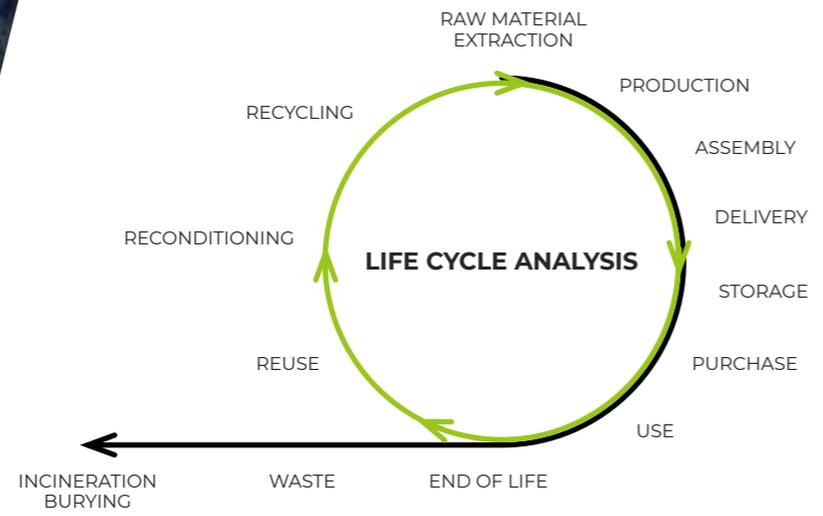


DIGITAL

Development of application tools



**A PARTERSHIP
OF EXPERTS
TO FOLLOW YOU
FROM REFLEXION
TO INDUSTRIALIZATION
OF YOUR CONNECTED
PRODUCTS**



LCA

Eco-design corresponds to product design integrating environment and ecology. The goal is to continue to develop new products or services, while reducing the environmental impacts generated throughout the product's life cycle.

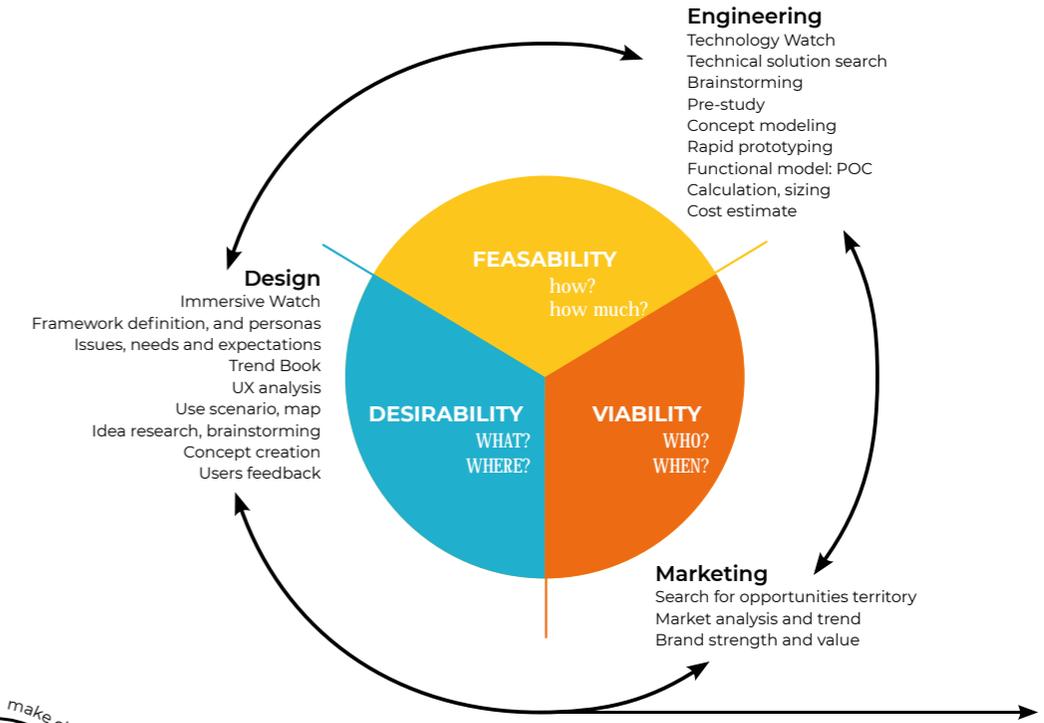
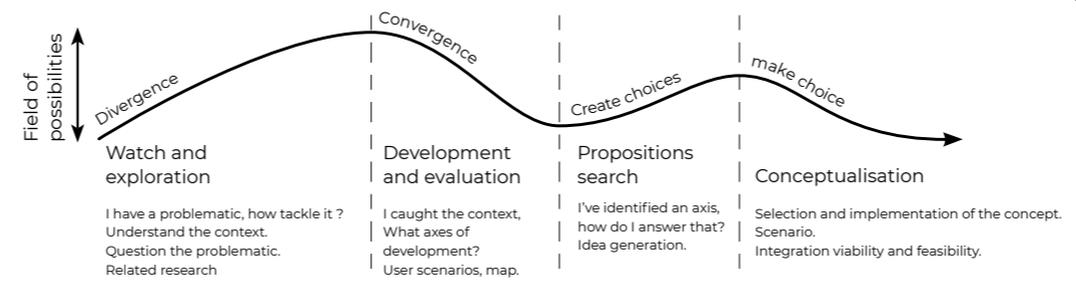
i&D supports the eco-design studies of your products, and can also design them by integrating these environmental data, in order to offer you a product that minimizes its environmental impacts.

These eco-design studies focus on the Life Cycle Analysis of your products, guaranteeing the control of environmental impacts at the different stages of the life of a product: from the extraction of raw materials to its end of life, including manufacturing, use and transport.

To carry out these studies, i&D surrounds itself with recognized partners in this field in order to guarantee you a study in line with the regular evolutions of the data and methods of analysis.



DESIGN THINKING





CAD

Solidworks 2017 ;
Creo Parametric ;
Pro-Engineer Wildfire.



REALISTIC RENDERING

Keyshot ;
Adobe suite.



LASER 3D DIGITALISATION

David 3D Scanner ;
Makerbot Digitizer.



3D PRINTING

Ultimaker 2 Extended ;
Formlabs Preform.





Silver Medal - Best Feed Product
Made For Moms Award - 2023
London - UNITED KINGDOM
Culinary robot
Nutribaby Glass - Babymoov

Silver medal - Best Baby Monitor
Made For Moms Award - 2023
London - UNITED KINGDOM
Babyphone video
YOO Master - Babymoov



Renovation Trophy
Trophée du Négoce - 2022
Paris - FRANCE
All center distance adaptater
Ax'O - Ayor

Renovation Trophy
Trophée du Négoce - 2021
Paris - FRANCE
Concealed thermostatic mixer
Rolf inside - Ayor

Innovation Trophy
LSA - 2022
Paris - FRANCE
Multi-inlet adapter
Ondée - Ayor



Patient Comfort and Safety award
Pharmapack Europe - 2018
Paris - FRANCE
Motorised and connected auto-injector
OneJET - Biocorp

Silver medal - Best baby monitor
Mother & Baby Award - 2020
London - UK
Babyphone video
YOO Moov - Babymoov

Gold medal - Baby monitor
Made For Mum Award - 2019
London - UK
Babyphone video
YOO Moov - Babymoov



Gold medal - Baby monitor
Made For Mum Award - 2018
London - UK
Babyphone video
YOO Travel (Visiocare) - Babymoov

Innovation Awards
CES - 2018
Las Vegas - USA
Connected shower
Elmer

Connectivity Trophy
Trophée du Négoce 2018
Paris - FRANCE
Connected shower
Elmer

Well-being
INNOV18 by L'INNOVORE & EH18 - 2018
Paris - FRANCE
Connected shower
Elmer



Silver medal - Best babyphone
LBP Award - 2017
London - UK
Zero emission camera - Babymoov

Silver medal - Better innovation in childcare
LBP Award - 2017
London - UK
Zero emission camera - Babymoov

Silver Medal - Best Child Care Innovation
LBP Award - 2015
London - UK
Zero emission camera - Babymoov

« Bébé dort » Awards
Baby Product Award - 2015
Bruxelles - BELGIUM
Zero emission camera - Babymoov

Innovation Awards
JPMA Las Vegas - 2014
Las Vegas - USA
Zero emission camera - Babymoov

Innovation Awards
Kind & Jungen - 2014
Cologne - GERMANY
Zero emission camera - Babymoov

Gold Medal - Best child care product in Belgium
Babyboom Product of the year Belgium
BELGIUM
Zero emission camera - Babymoov



Best connected health object
EHEALTH - 2017
Castres - FRANCE
Connected add-on for inhaler
Inspair - Biocorp

Best Customisation & User-friendliness Award
Pharmapack Europe - 2016
Paris - FRANCE
Insulin injector add-on
Easylog - Biocorp

Best Small Child Care Article Award
Baby product award - 2015
Bruxelles - BELGIUM
Baby bathtub
Aquanest - Babymoov

Gold medal
Todo Papas - 2015
SPAIN
Bathtub
Aquanest - Babymoov

Innovation Awards
Kind & Jungen - 2014
Cologne - GERMANY
Babu bathtub
Aquanest - Babymoov



Gold medal - Best babyphone
LBP Award - 2014
London - UK
Babyphone video
YOO Feel (Touch Screen) - Babymoov

Gold Medal - Best Technology Accessory
LBP Award - 2014
London - UK
YOO Feel (Touch Screen) - Babymoov

First Start-up Winner
GCE Auvergne Trophy - 2012
Auvergne - FRANCE
i&D company

31 AWARDS



i&D received the french innovation tax credit approval.

When the conditions are fulfilled, french SME having incurred innovation or design expenses up to 400 000 Euros may received a tax credit. Namely it is a reduction of the cost of expenditure incurred in favor of innovation by 20%.



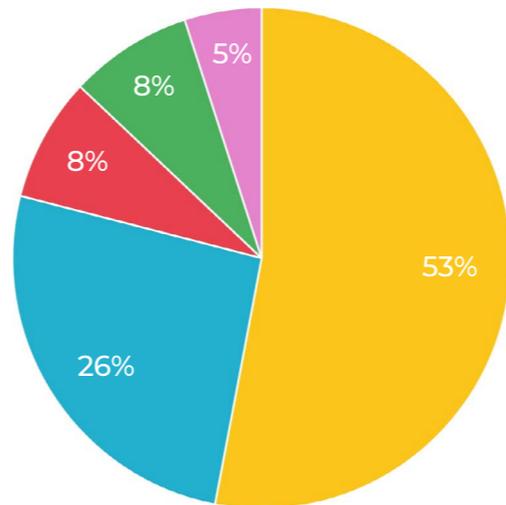
REFERENCES



ACTIVITY FIELDS

Agri-Food
 Arts of the table
 Automotive
 Childcare
 Gardening equipment
 Hand tools
 Home automation
 Home appliances
 IOT
 Lighting
 Medical
 Pharmaceutical
 Water treatment

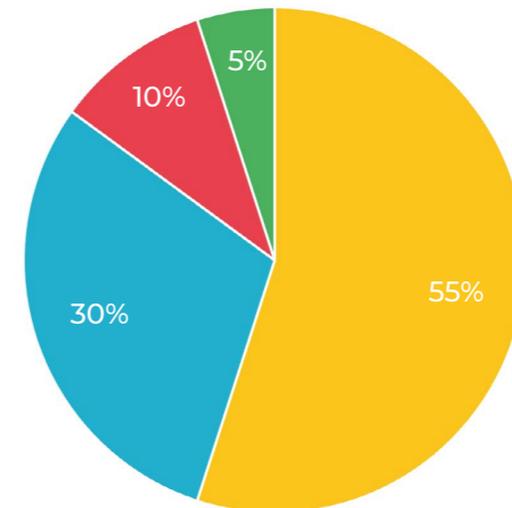
Medical-Pharmaceutical
 Consumer product
 Agri-Food
 Automotive
 Industry



Turnover by activity fields.*

KEY FIGURES

Engineering
 Design
 Prototyping
 Industrialisation



Turnover by expertise.*

65
 projects per year.*

*Average from 2018 to 2021.

VARIOUS PROJECTS



Ophthalmic device for dry eye treatment C.Stim
Client : Quantel Médical
2022
Design



Box analyzing motorists driving behavior for safer mobility
Client : Michelin - DDI
2021
Design & Engineering



Hygiene assistant for catering
Client : Food Time
2020
Design & Engineering

VARIOUS PROJECTS



Jukebox vinyl record Glenton 150
Client : Glenton JKB
2022
Design



Pixie Projector
Customer : Dietal
2018
Design & Engineering



Solenoid valve
Client : automotive supplier - confidential
2022
Engineering

VARIOUS PROJECTS



Yoo Moov 360° motorized camera
Customer : Babymoov
2018
Design & Pre-study



Medical connected device for better monitoring diabetes treatment Mallya
Client : Biocorp
2019
Design & Engineering



Elmer Connected Shower
Customer : Ayor
2018
Design & Pre-study



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