

Triaxes+ Teaching Project

Learning IP by Doing IP

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‘From the idea to the product’

Interfaculty & Interdisciplinary



ÉCOLE
POLYTECHNIQUE
DE BRUXELLES

LA CAMBRE 
ÉCOLE NATIONALE SUPÉRIEURE DES ARTS VISUELS

Faculté Droit & Criminologie



Solvay Brussels School
Economics & Management

Triaxes+ Education Proposal

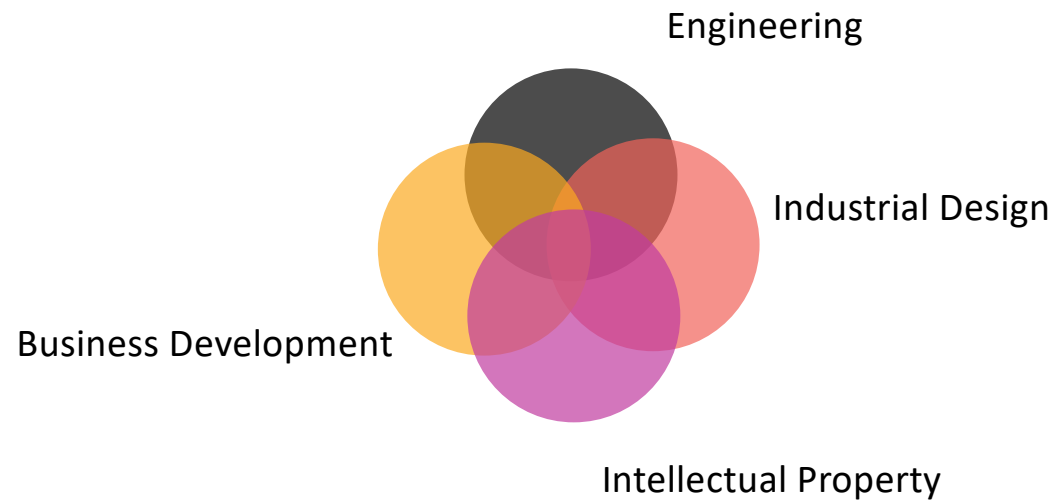
- Collaborative Master Thesis
 - Functioning Prototype + Design Definition + Business Strategy + IP Analysis
 - Interdisciplinary Monography + Disciplinary Annexes
- Unsupervised
 - Group work (4 students)
 - Individual work
- Supervised
 - Plenary session = all professors, all groups (all students)
 - Juries = *idem* + professionals
 - Individual sessions = one professor, one group (one/all students)
- 15 months duration (MA1 & MA2)
 - Kick off > 5 plenary (+ individual) sessions > mid-term jury > 2 plenary (+ individual) sessions > mock jury > final jury

Meet the team!



Triaxes becomes Triaxes+

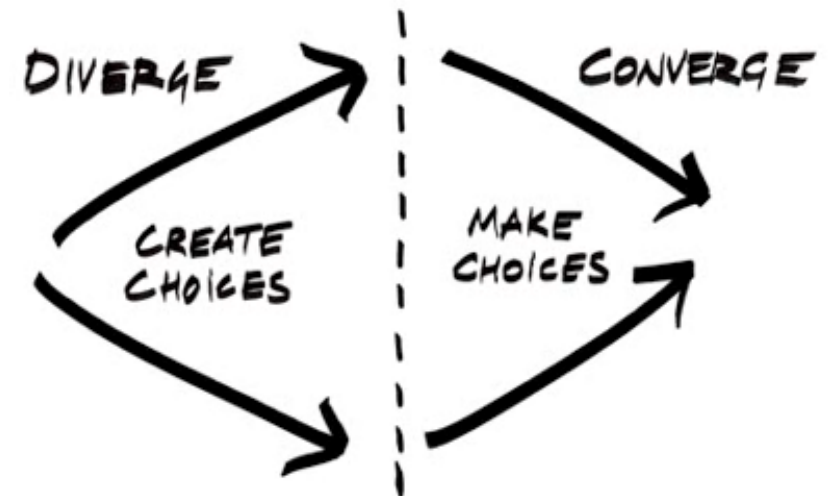
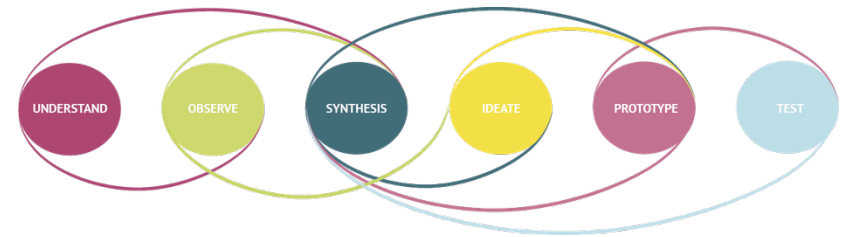
2012



2018

Triaxes+ Methodology

- Supervising Design Thinking Methodology through Plenary Sessions
 - Deliverables presentation
 - Interdisciplinary discussion
 - Substantial feedback
 - Network suggestions
 - Reality check
 - Temperature check
- (IP) Law for creating/making choices





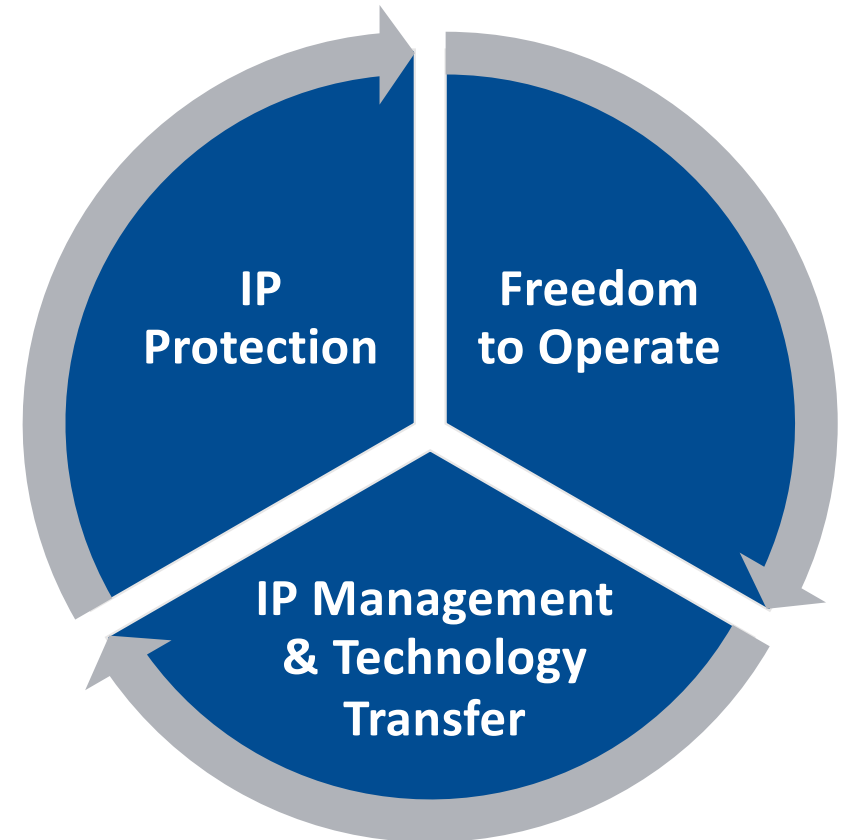
(IP) Law as a Constraint

(IP) Law as a Support



Tasks of IP Students in Triaxes+

- Legal Framework Analysis
- Prior Art/Case Law Search
- NDA Drafting
- BOIP I-Depot
- IP Protection/Infringement Risk Analysis
- IP Strategy Proposal
- ...



Numbers



10

YEARS
(5 Law)



32

PROJECTS
(+ 3 ongoing)



111

STUDENTS
(+ 12 current)

2013



BEEGREEN



HANDS-OFF



WIGGYMUSE

2014



HAKAPAK



LEDLINE



MINE



SLIM

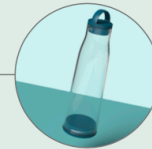


SOUNDPROOF

2015



KINIMA



NOMADIC

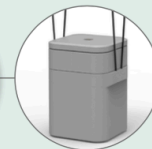


RUNNY

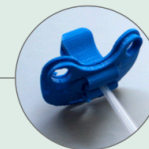
2016



SILENZ



FLEEZE



TETTY

2017



LOGIKO



NAPI



ECHO

2018



AID SPINNER



FLEEFLEA



LITE CARE



LODU

2019



BAEFLY



TULIPAN

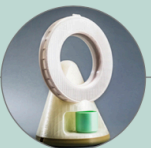


B.CRUTCH

2020



COLCUP

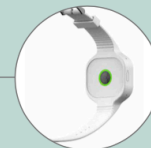


WHEELY



ECO-KART

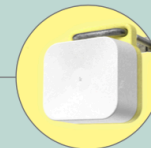
2022



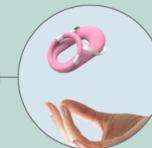
VITALSIGNS



SCHIEVE



BINDSPOTS



EVA



WHIZZY

Tulipan becomes **tulipal**

The menstrual cup

is a reusable menstrual periodic protection

which has a lot of advantages



Ecologic

99% less CO²
emissions



Healthy

No pesticides,
chemicals or add-ons



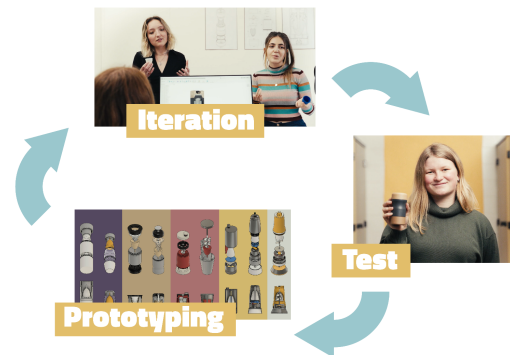
Economic

25€ vs
300€ (5 years)

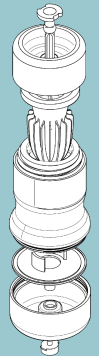
DESIGN THINKING APPROACH

A device for users developed with the users

Developed through rapid prototyping techniques: 3D printing (FDM & SLA), silicone moulding, arduino and hardware electronics...



PATENT



tulipal becomes patented



 **economie**
SPF Economie, PME, Classes
Moyennes & Energie
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Lucas Secades

Ingénieur aérospatial, 24 ans

Opportunities

- Bottom-up Approach
- Learning by Doing
- Understanding IP
- IP Upfront
- Soft Skills

⇒ Sharing with PES Universities?

Challenges

- Schedule
- Human Resources Consuming
- Interfaculty
- Co-Ownership
- Fundings

⇒ Support from IP Offices?

