



ENTREPRENEURSHIP & INNOVATION

At the heart of École Polytechnique,
a world-class institute for academics and research



ENTREPRENEURSHIP & INNOVATION
X
OUR DNA



INNOVATION, THE DRIVING FORCE OF PROSPERITY

OUR DNA



Since 1794, we contribute to the growth of the global economy.

The school produces socially responsible professionals who excel in leading complex and innovative projects, which address current and future challenges facing our society.

We think that growth and prosperity of all economies are strongly linked to **entrepreneurial activity**.

As part of our commitment to accelerating growth, the **“Entrepreneurship and Innovation Program”** was launched in April 2014.

Since Mid-2015, the program is located in a unique and dedicated place for entrepreneurs and innovators : **“La Fibre Entrepreneur” Drahi-X Novation Center**



BUILDING AN EXCEPTIONAL ECOSYSTEM

OUR DNA



École Polytechnique does not just settle for creating knowledge. We develop an exemplary entrepreneurial ecosystem which includes the following five pillars :

- 1 **Capitalize** on École Polytechnique's strengths and resources, engaged in creating disruptive innovations
- 2 **Support** the emergence of high-tech start-ups
- 3 **Engage** selected major groups and SME's in the ecosystem, encouraging interactions between business, research centers, start-ups and students
- 4 **Accelerate** development of a global and diversified entrepreneurial ecosystem
- 5 **Stimulate** the creation of jobs and sustainable value, on campus and abroad

ÉCOLE
POLYTECHNIQUE
UNIVERSITÉ PARIS-SACLAY

LA FIBRE ENTREPRENEUR - Drahi - X Novation Center

ENTREPRENEURSHIP & INNOVATION
X
ACTIVITIES





5 ACTIVITIES FULLY DEDICATED TO ENTREPRENEURSHIP AND INNOVATION

Education

Accelerator

Incubator

Prototyping

Coworking



A devoted entrepreneurial education...

- A unique blended, multidisciplinary scientific and business education which allows students to face complex challenges, in an international environment.
- Three distinct Masters programs which combine classroom lectures with hands-on experience in innovation:

IT&E (Technological Innovation:
Entrepreneurship)

PIC (Project, Innovation, Design)

IREN (Network Industries and the Digital Economy)

... to be completed with specific training

- A set of special course modules for developing innovative entrepreneurship : MOOCs, entrepreneur guest lectures, Master Class Series, Fablab – design, etc.
- Short-term programs : market exploration, lean product innovation, I.P., etc.
- Student initiatives focused on science and technology

X-UP ACCELERATOR GUIDING YOUNG ENTREPRENEURS



ACTIVITIES



On-campus
Accelerator
for early-stage startups

- **6-months** renewable acceleration cycle
- **2 batches per year**, from 5 to 12 startups. Long-term goal : up to 15 startups per batch
- Process essentially based around **mentoring** : business, technical, lean startup.
- In close interaction with our international network of incubators

Involving students,
laboratories, business
partners and alumni

Technical and financial
support

A federation of active
networks of companies
and entrepreneurs

NOS ACCÉLÉRÉS

X-UP #4 : 7 PROJETS & START-UPS



SOURCING DE LA PROMO #5 EN COURS



Vous avez un PROJET TECHNOLOGIQUE & INNOVANT ?

6 MOIS D'ACCÉLÉRATION
ESPACE DE PROTOTYPAGE
MENTORING PERSONNALISÉ

**Rejoignez la 5ème promotion d'X-Up,
l'accélérateur de l'École polytechnique**

OPPORTUNITÉS D'INVESTISSEMENT
RÉSEAUX DE L'ÉCOLE POLYTECHNIQUE
20 000 €

Postulez jusqu'au 28 février

Journées portes ouvertes le 15 février

contact-dei@polytechnique.edu

@st4rtupX X Entrepreneurship

X-TECH INCUBATOR

SUPPORTING STARTUPS DEVELOPMENT



ACTIVITIES



On-campus
Incubator
for innovative startups
with high growth
potential

- From **2 to 4 years**
- Strong connection with **research** and **education** departments
- Near 25 years of experience
- Up to 30 startups

Involving students,
laboratories, business
partners and alumni

Technical and financial
support

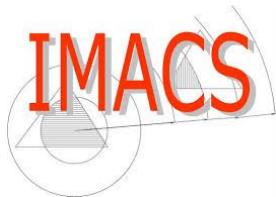
A federation of active
networks of companies
and entrepreneurs

NOS INCUBÉS

X-TECH, DRAHI-X OCCUPANCY: 78%



deepiks



SPInalcom

**CENTRE
COURNOT**

MYNDBLUE™

SILEX



SOLAYL
RF MEASUREMENT & CONTROL



**AL
COURAGE**

 **Studeal**

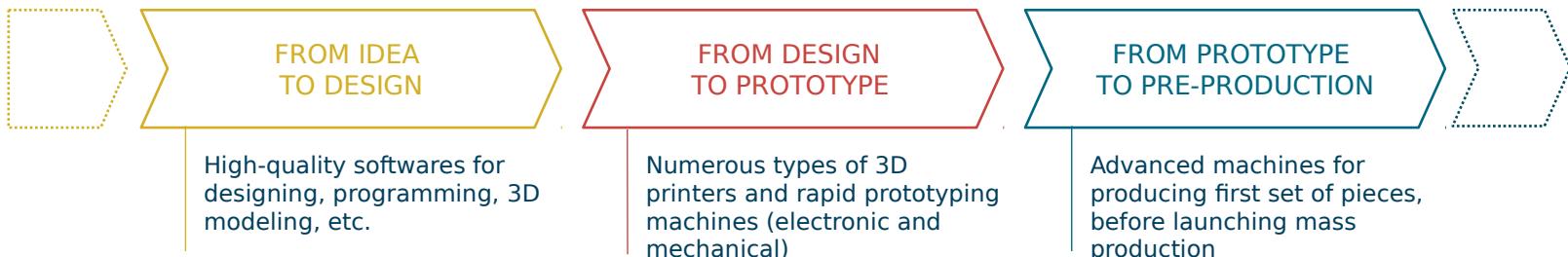

weeroc

ACCENTA



No innovation without prototyping, whether it's hardware or software.

Rapid prototyping and **iterating** are fundamental parts of our value proposition to entrepreneurs. Our team of Fab-manager and tech development advisor support users through their prototyping projects, using **3 dedicated spaces** :



COWORKING

SHARING MORE THAN A WORKSPACE



ACTIVITIES



- **Coworking space**, third work place for partners' employees
- 7 meeting rooms, including 1 creativity room
- **Events** with startups, funding structures, business angels, investors and our partners
- **Student-organized initiatives** (Start-up Week-end, Start-up Café, X-Forum, etc.)
- [Soon] Tech showroom



ENTREPRENEURSHIP & INNOVATION X CORPORATES



BECOMING A CORPORATE PARTNER

CORPORATES



#tech #prototyping
#delivering #workshop
#shake
#culture #agility #mindset
#mutuallearning #lean
#product #experience
#outofthebox #experts
#projectacceleration

Innovation doesn't come just from giving people incentives; it comes from creating environments where people with different backgrounds and knowledges can share and connect their ideas.

You are willing to get out of your usual R&D framework, step up your innovation cycles and share our value of excellence ?

Becoming a corporate partner means taking part in an ecosystem from which future major innovations will emerge and grow... and give your projects and people the potential to grow with them.

Un petit navire pour le robot,
un grand pas pour
les économies...



#RobotX



ENTREPRENEURSHIP & INNOVATION



HISTORY



2013

Conception du programme





2014

Pose des bases
du programme

Business Plan

Accord du CA

**Conception &
lancement
du
bâtiment**

**Création de
l'équipe**

2015



Lancement
des grands
éléments du
programme

**Advisory
Board**

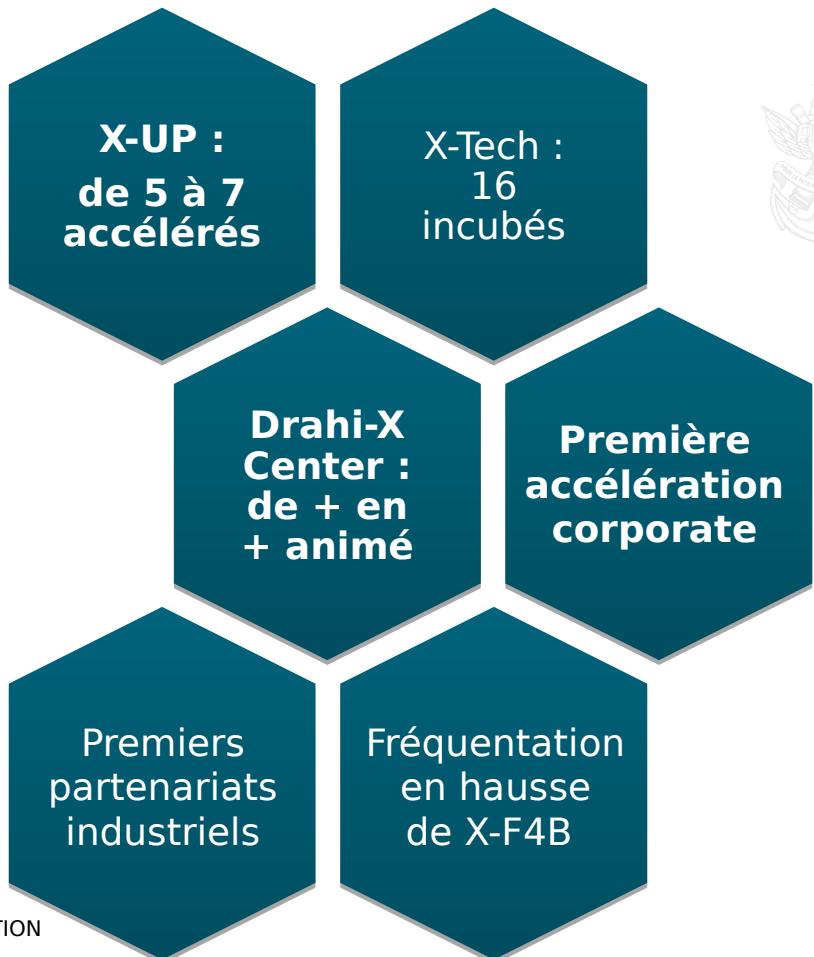
**Livraison
Drahi-X
Center**

**Ouverture
de
X-F4B**

**Lancement
de
X-UP**

2016

Initiation
de la croissance
du programme





ENTREPRENEURSHIP & INNOVATION
X
SOME OF OUR START-UPS

ZOOM ON : INSTENT

X-UP BATCH #1

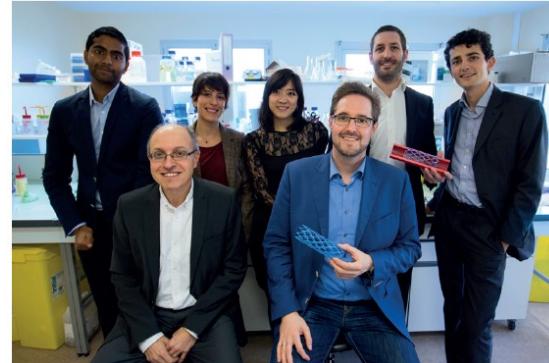
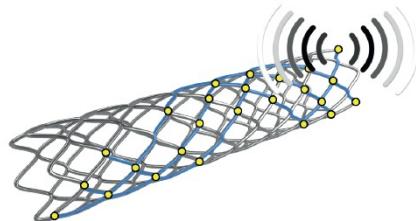


OUR STARTUPS



InStent develops a novel **smart stent** with **remote and non-invasive in situ monitoring capabilities**.

- Provides doctors a simple tool to **anticipate stent-related complications** and **tailor the follow-up treatment** to the needs of the individual patient.
- “We can help keep patients safer, healthy, and where they belong... outside the hospital. With your support we will achieve this vision of a safer and personalized treatment for the 5 million patients every year.”
- Raised 1,7 Million euros since oct 2015



ZOOM ON : AUXIVIA

X-UP BATCH #2

auxivia

OUR STARTUPS



Auxivia provides smart services using **connected health care objects** to enhance elderly people's quality of care in nursing homes and at home.

- First AUXIVIA service is based on **smart drinking glasses**. It provides a reliable and scalable hydration traceability system.
- The system gradually comprehends the lifestyle and habits of every user and is capable of notifying the staff on any risk detection such as a change of behavior or during hygiene risks.



ZOOM ON : FORSSEA ROBOTICS

X-UP BATCH #3

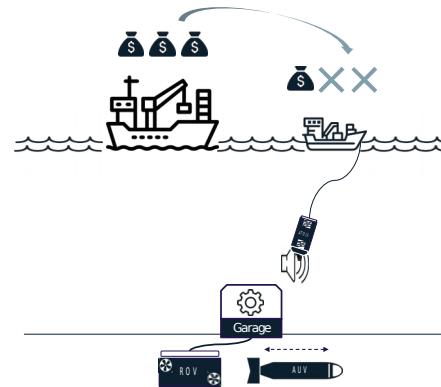


OUR STARTUPS



Forsea brings communication and power to **deep subsea systems** at a **much lower cost**.

- ATOLL is a **fully autonomous connector** that leads a cable to a subsea station. The operation provides an electrical and optical physical channel between the station and a costless ship.
- FORSSEA reduces the overall cost and environmental impact of the offshore operation by a factor 3 to 5



ZOOM ON : ADOK

X-UP BATCH #3



OUR STARTUPS



ADOK makes meetings more meaningful and engaging. To do that, Adok's first product turns any table into a giant tablet, made for multiple users.

- The ADOK SC: it's a mobile device that projects a 40 inches wide display on the table. This display is fully autonomous, touch control and powered by Android 6.
- ADOK focuses on meetings from 2 to 6 people, where most of the decisions and creativity take place. We make team work easier, faster and more efficient.
- 20 Beta-testers, currently raising 2.5M€



ZOOM ON : DEEPIKS

X-UP BATCH #3

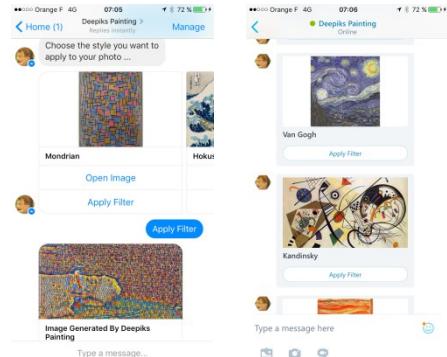


OUR STARTUPS



Deepiks provides **smart chatbot platform** for businesses and enterprises to create and manage their chatbots.

- The platform offers various features, such as tracking, notifications, surveys, user filtering ...
- The company implements various AI/Deep Learning algorithms for Natural Language Understanding, content generation, and continuous chatbot improvement.



ZOOM ON : SPINALCOM X-TECH



OUR STARTUPS



SPINALCOM has developed the **Operating System of the Smart Building** of the future. It enables Real-Estate, operators, integrators & services providers to make the IoT building a reality!

- Provides software developers with **an easy to use application enablement platform** to develop smart systems combining sensors, actuators, analytics, dashboards, HMI...
- Enables the owners, operators... to **achieve savings** on existing building services, develop **new services & revenue streams** and **decrease building operating costs**.



**Real Estates
Owners**



**Building integrators
Operators**



Tenants



**Application makers
Service innovators**



ZOOM ON : ACCENTA X-TECH

accenta.

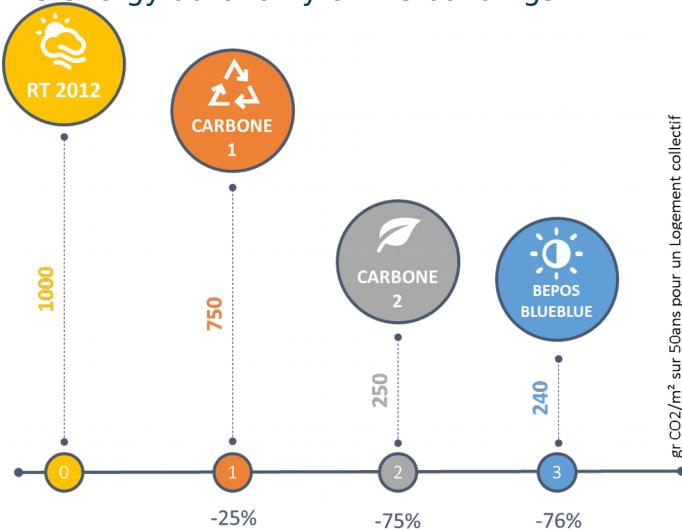
OUR STARTUPS



ACCENTA provides a **solar energy storage solution for smart buildings**, called **BLUEBLUE STORAGE®**.

A break-through combination of technologies for storing thermal and mechanical energy in a single « energy dwell », BLUEBLUE STORAGE® optimizes the energy autonomy of the buildings where it is installed.

- Solution financially competitive with traditional fossil-fuel based energy systems
- Increases dramatically the environmental performance of buildings through reducing CO₂ emissions over their operating life
- 4 key R&D centers and 2 key commercial partners
- Business Angels with outstanding recognition in the energy, engineering and technology markets





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