SATT PARIS-SACLAAY
L’innovation en confiance
SATT Paris-Saclay fund and accelerate the technology transfer of its territory's research results towards existing companies or startup.

Technology Transfer is the process of transferring technology from an organization that owns it to another organization.

The goal for tech transfer is to bring new discoveries to market by creating a product or service.
3 HIGHLY COMPLEMENTARY SERVICES

Bring services and advices to researchers

- Consultancies for researchers to help them around valorisation
- 270
- 86% de satisfaction

Turning technologies into products

- Maturation projects funded since 2014
- 120

Stimulate companies R&D

- Industrials R&D needs met and analysed
- 500

3 types of Call for Project

- PhD TRANSFER PROGRAM
- POC’UP PROGRAM
- TECH TRANSFER PROGRAM
INNOVATION MARKETING

SERVICES

FOR RESEARCHERS
OFFERS' PORTFOLIO FOR RESEARCHERS

STUDIES AND AWARENESS SERVICES FOR YOUR INNOVATION STRATEGY

Studies
• Scientific market study
• IP portfolio analysis
• Detection of innovations
• Connecting with industrial partners

Awareness services
• Economic Intelligence & Security
• Industrial property
• Intellectual property and software property rights

ACCESS TO STUDIES/AWARENESS SERVICES

► Studies delivered by SATT Paris-Saclay in the framework of Poc in Labs projects and strategies for valorising researchers
► SATT Paris-Saclay makes a recommendation with final validation by the University Paris-Saclay

RECOMMENDATIONS

► Studies delivered by SATT Paris-Saclay in the context of prematuration
► Validation by the Board of Directors of the Institut Polytechnique de Paris
MATURATION INVESTMENT

TURNING TECHNOLOGIES INTO PRODUCTS
Pre-Maturation Objectives

1. Gather the Intellectual Property assets
2. Position the technology in a growth market
3. Identify required developments

Finance these developments and be guided toward
- an industrial transfer
- the creation of a start-up

Contact us before publishing or a congress presentation because your idea will then be public and patenting it will be impossible.
SATT PARIS-SACLAY VALUE

Investing in the innovations of the Paris-Saclay Cluster

Invest between 100k – 500k€ for:

- Technical and scientific developments
- IP fees - maintenance and deposits
- Recruitment of dedicated staff

Valorisation of innovation

- Position of the technology in its market and differentiation from the competition
- Supporting the creation of start-up or canvassing of the industrial operator

Contract with the operator

- License negotiation
- Management of contracts with institutions

Key figures

4 SATT experts mobilized on average for each maturation project

Portefeuille projets (85) par domaine d’application

- Santé: 48%
- Transports: 14%
- Chimie et matériaux: 7%
- Agriculture et environnement: 6%
- Numérique et électronique: 20%
- Énergie: 5%
- Agriculture et environnement: 7%
SATT Paris-Saclay: 3 Calls for Projects Around All Year

PhD TRANSFER PROGRAM
POC'UP PROGRAM
TECH TRANSFER PROGRAM

PROCHAINES DATES DE CLÔTURE
23 janvier | 5 avril | 18 septembre
FOCUS PHD TRANSFER PROGRAM

**TARGET**

PhD student from 2nd year / young PhD Graduate of Cluster Paris-Saclay + 1st thesis results (TRL 2-3) with ideas of market application

**OBJECTIVE**

Achieve an Market applied Proof of Concept and define an optimal technology transfer strategy

**INVESTMENT SATT PARIS-SACLAY**

Up to 100 k€ (including 1 year salary)

**LENGTH OF PROJECT**

9 to 12 months

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**SELECTION PROCESS**

1. Application form
2. Mailing SATT
3. Pitch
4. Pre-selection
5. Sélection
6. Help your application to national iPhD competition

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**+ D’INFO**

You can ask all questions you want with an e-mail at maturation@satt-paris-saclay.fr

**+ Application**

Télécharger le Dossier de candidature
ZOOM ON
SUCCESS STORIES

FOCUS ON PHD
PHD TRANSFER: THEY HAVE DONE IT

**PhD Transfer of 2018**
Lab: Énergétique Moléculaire et Macroscopique Combustion - CentraleSupélec

*Erwan*

**Startup Spark Cleantech**
Created in Janv 2022

*Turn Green-house gases into hydrogen fuel with Plasma Technology*

**PhD Transfer of 2020**
Lab: Immunologie Cellulaire et Biotechnologie – CEA

**Startup Deeptope**
Created in Fev 2021

*Provides antibody characterization and Optimization through EPITOPE Mapping*

*Grand Prix I-Lab 2022*
SPARK : EXEMPLARY VALORISATION PROJECT

2018

100 k€

2020-2022

540 k€

2023

600 k€

3 M€

Erwan Pannier | Porteur du projet SPARK

CNRS – CentraleSupélec
Développement d’une technologie de plasmas froids pour produire de l’hydrogène sur-site à partir de mélanges CH₄ – CO₂

« J’ai effectué le parcours Docteur-Entrepreneur de Paris-Saclay et c’est là que j’ai connu la SATT Paris-Saclay. Au-delà de l’accompagnement, la SATT m’apporte des compétences et des outils auxquels je n’ai pas accès dans mon laboratoire (ingénieurs brevets, veille économique) tout en me permettant de garder l’expertise et le matériel du laboratoire pour la R&D. Le projet Jeune Docteur SATT Paris-Saclay m’a permis de continuer le développement du projet tout en l’orientant vers les marchés les plus prometteurs. »
PhD Transfer of 2022
Lab: Laboratoire Physique des Plasma

Edmond

Project CYCLE
Phd Defense in March 2023
1 year project started in March 2023

Recycle CO2 thanks to Methanation with Plasma

PhD Transfer of 2022
Lab: Laboratoire Physique des Solides

Rodolfo

Project MOBA-DBS
PhD Defense in Dec 2022
1 year project started in 2023

NeuroMorphic Pacemaker for Deep Brain Stimulators used to treat Parkinson
PHD TECH TRANSFER IN 2023

**PhD Transfer of 2023**
Lab: Inflammation, MicroBiome and Immunosurveillance

Marta

**Project UNISKIN**
Phd Defense in September 2023
Candidacy PhDTransfer in April 2023

3D Skin Model standardized but representative of differences between individuals

**PhD Transfer of 2023**
Lab: Informatique, BioInformatique, Systèmes Complexes

Maya

**Project L2HC**
PhD Defense in Sept 2022 + Post-Doc
Candidacy PhDTransfer in April 2023

Use of carbon fiber to optimise high pressure hydraulics systems
DEEPTECH FACTORY : 28 START-UP

SANTÉ

BIOLOGIE

BLUE BEES THERAPEUTICS

NOVECAL

abbelight

Kimialys

Deeptope

INGÉNIERIE

D J E E B O X

ALTAROAD

HUBLEX

KALYSTA

spark

sportquantum

HELENA

SANTÉ

NUMÉRIQUE / IA

THERAPANACEA

EikoSim

kesitys

CHIRON IT ProfessorBob.ai

AGRI/AGO

Carembouche

AIHERD

Bocor of seeds
and seedlings

THrustMe

..share my space

SPATIAL

EG 427

Diotheris

Gene therapy

ELIKYA Therapeutics
MORE INFO ABOUT DEEPTECH OR VALORISATION?

Want to know more about Valorisation or Deeptech Entrepreneurship?

Search for ADUM courses about it!

Want to hear more about Deeptech Entrepreneurship?

Watch some of our SATT webinar! We have, each time, a researcher testimony of its valorisation experience!

Want to create innovation with your PhD?

We will start ideation session with every Graduate School in 2024.

Turn your PhD subject into an innovative idea!
Any Ideas or Innovation Projects around your thesis?
Talk about it to your PhD supervisor and contact us!

Gauthier KLAJZYNGIER | Chef de projet Maturation | Pôle Ingénierie et Numérique | SATT Paris-Saclay

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TECHNOLOGY LEVEL READINESS - SCALE

- TRL 1: Basic principles observed or reported
- TRL 2: Technology concept and/or applications formulated
- TRL 3: Analytical or experimental critical function and/or characteristic proof-of-concept
- TRL 4: Validation of components and/or models in the laboratory
- TRL 5: Validation of components and/or models in a representative environment
- TRL 6: System/subsystem prototype or model demonstration in a representative environment
- TRL 7: System prototype demonstration in an operational environment
- TRL 8: Actual system completed and qualified by tests and demonstrations
- TRL 9: Actual system completed and qualified by successful operational missions

Levels:
- System test, launch and operations
- System/subsystem development
- Technology demonstration
- Technology development
- Research to prove feasibility
- Basic technology research
VALUE SHARING

- Licensing
- Exploitation of intellectual property rights

- Sublicensing
- Exploitation of intellectual property rights

Revenue sharing: from 30% to 70% of the royalties

Payment of royalties / equity sharing for startups only
LA MATURATION TECHNOLOGIQUE DANS LE CONTINUUM

Maturation des POC

Financement SEED

Financement Tour A

Financement Tour B

0,5 M€

3,5 M€

11 M€

XX M€

2016

2018

2020

2022

POC

MVP & CREATION Startup

1er Produit

Industrialisation