Projects spring 2021

Innosuisse Business Concept
Spring 2021 - Online training
Nest One - Neuchâtel

Nest/one makes drone missions 100% autonomous and cut 60% of their cost and 20% of their time forever. Our combination of adaptive charging, on-board computing and PV off it makes the first transportable, self-powered, and commercial drone compatible.

Printable Grasp - Neuchâtel

Upper limb amputees face disrupted hand motor and sensory abilities which are poorly restored by current prostheses. We propose a low-cost 3D printed prosthetic hand featuring single finger control working with an armband to give sensory information.

Rent Anything - Neuchâtel

Rent Anything! We all have at least once bought an item because we though we could use it one day and we never did! We also have all bought at least one item for a single or a couple of uses, that’s why I want to propose a platform to rent these from individuals!

Lightweight PV Modules - Neuchâtel

Lightweight PV modules Idea is to produce and sell lightweight PV modules that can be integrated to the structures that can not support heavy load. Thanks to the customizable size of the light weight modules, energy harvesting functionality can be added to every structure.

Proseed - Neuchâtel & Sion

We produce a plant-based protein concentrate from upcycled brewers’ spent grains which can easily be integrated as an ingredient by food companies in their products, allowing them to meet the growing demand for nutritious and protein-rich products.

Velaplena - Neuchâtel

Velaplena.com is a learning platform for artistic skills. We bring you straight towards your objective by effectively combining pedagogical videos with face to face activities. Tell us your goal. We'll make sure you'll get there effectively.

iSleep - Neuchâtel

novel sleep monitoring system based on pupil tracking

Connecty Box - Neuchâtel

ConnectyBox represents an integrated solution, offering not only an IT solution for a networking platform, but also a concrete solution for distribution in automated shops.
Blot - Sion & Lausanne

Blot is helping hospitals and clinics visualising and optimising device management with their IoT architecture and our AI Platform.

LigX - Sion

We turn the best materials for fuel storage, water purification and drug delivery from lab curiosity to market reality by making them 10 times less costly and a thousand times easier to access.

MoveItApp

When we e.g. break a leg, we may need to go for some physiotherapy sessions. Between sessions, it is important to do the prescribed exercises although the physio cannot follow up and it may be boring for the patient. MoveItApp fills this gap.

Aiidalab - Sion

Aiidalab allows launching material properties simulations in a browser. Your job is to provide the material and choose the property to be computed. Aiidalab will take care of launching the simulation, extracting the results and providing them to you.

Noosh Drinks - Sion

We aim to produce water kefir, a fermented drink beneficial for the gut microbiota, and make it highly accessible to the public. The optimization of the used bacteria and yeast will enhance the positive effect in the well-being of the customers.

Longevity Epicenters - Lausanne

This project aims at the creation of a network of science-based specialized centers focused on the evaluation and treatment of aging with the goal of extending human healthspan.

ND Bioscience - Lausanne

ND Biosciences’ mission is to develop novel therapies and diagnostics for neurodegenerative diseases (NDs), based on patented technologies that enable reverse-engineering key pathological features of NDs in a test tube, and in living neurons.

Archimedes - Lausanne

A ML-backed software supporting decisions on rare diseases diagnosis and treatment, supporting patients, doctors, and researchers.
Solo Robotic Surgery - Lausanne
Aiming at shortening waiting lists, we enable solo-surgery. We offer foot haptic platforms to operate two semi-autonomous robotic assistants arms. Namely, the surgeon’s feet guide the arms and supervise the motion and force applied on the tissues.

Sleep Sensor - Lausanne
With our technology we have the ambition to revolutionize the way we are recording sleep today. Our technology use sensors place above the mattress and will allow, inexpensive and non-intrusive evaluation of sleep, at home.

Horacehealth - Lausanne
Non-invasive continuous glucose monitoring

FeetIn
Develop an insole that you can slip in your shoe. Data are collected via sensors and sent to your phone app. You can then check the weight you put on each feet and have a 3D simulation of your walk, etc. Goal: Check if you follow doctor recommandation

Education and Leverage in Tech for beginners
Empowering talented youth from developing countries by giving them tools to rapidly prototype and deploy their tech ideas with little programming skill while educating them in process.

Visual Scientific - Lausanne
The scientific visualization service targeting research institutions and scientific publishers.

Bemabo - Lausanne
The current fashion industry has many issues, from immense pollution, to poor durability, to the labor employed. Bemabo will change the way clothes are made, so that more eco-friendly, long-lasting, and personalized clothes can become the norm.

Tell me more - Lausanne
Audio guide app based in the GPS position. It’s a door to explore the world through local creators. You can access to different levels and types of explanations finding always the one that suits you the most.
Iceprincess - Lausanne

Measure rotation of figure skating jumps using wearables. Jump rotation is fundamental to the sport of figure skating both for judging competitions and for training. Wearables could open a window into a low-cost technological revolution of the sport.

Solar Charging Vehicles - Lausanne

Lightweight highly efficient and weatherproof photovoltaic modules that can be integrated in Electric Vehicles. There is currently no supplier with the knowhow to make such modules to ultimately increase EV range and/or decrease the carbon footprint.

AeroSpec - Lausanne

AMWIS will be the first instrument to not only allows a novel measurement of Particulate Matter’s chemical composition at higher time and spatial resolution, but also provide useful PM analysis reports in real-time.

Planty

App that teaches people how to take care of plants (think Headspace but for plants). With a focus on gamification, it will help people find meaning in the pandemic.

Sur les Vagues - Geneva

floating green public spaces

ProvIn - Geneva

Create a start-up in provenance research of archaeological objects through a private database and specific skills.

Movement Unites - Geneva

Mixing Zoom and Tik Tok: creating online communities and dedicated programmes to find innovative ways of moving together to restore a playful mindset and a sense of connection, which are fundamental needs put at risk by the Covid pandemic.

Tailwind - Geneva

A 3rd pillar fund for small investors with returns and sustainability at the core - no compromise.

Cohesion - Geneva

“Cohesion” - an innovation platform for the construction industry uniting researchers and construction companies to achieve tangible sustainability goals by bringing innovative construction materials and technologies on the market.

Accelerator for Radiotherapy - Geneva
Trouve ton Therapeute - Geneva

Trouve Ton Thérapeute will be an app / a digital platform to educate the general population on psychotherapy and facilitate contacts between that population and psychotherapists.

Smart Squirrel - Geneva

A game app that helps players improve their financial literacy, learn how to invest, and learn how to make financial decisions in times of uncertainty.

The Ariadne’s thread project - Geneva

The idea of Ariadne’s Thread project is to offer a sustainable alternative to disposable masks with the industrial manufacture of washable fabric masks, produced in Europe, and meeting the EN14683 (surgical) or the EN149 (FFP2) sanitary standards.

Non-profit music streaming platform

Developing a non-profit music streaming platform that funnels profit generated towards projects supporting sustainable development.