invest Neuchâtel



DIAGNOSTICS

Where industrial precision becomes medical innovation

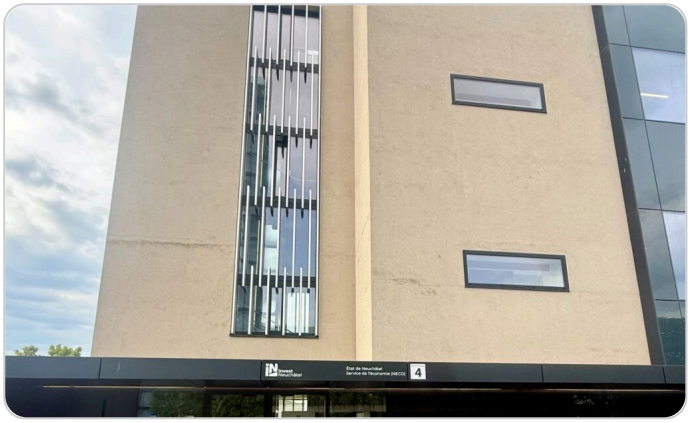
Canton of Neuchâtel

Canton of Neuchâtel

Healthcare is becoming preventive, personalized, and decentralized — driven by devices that are more miniaturized, connected, and intelligent. Neuchâtel applies a century of microtechnology, sensors, and automation to this transformation: from sensor to diagnosis, from research to market.



A unique ecosystem



An official contact point for your establishment



From research to industrialization

ECOSYSTEM

"**Measuring**, **detecting**, **analyzing**, **monitoring health status** as close to the patient as possible: this is what Neuchâtel expertise enables. **The diagnostic ecosystem covers the entire value chain — from sensor to industrialization, every link is present, active, and accessible**."

ECOSYSTEM

Skills & Positioning

From industrial precision to measuring life

Neuchâtel covers the entire continuum of medical diagnostics and monitoring: from sensor to instrument, from point-of-care to home monitoring, from in vitro diagnostics to digital health. Sensors, microfluidics, ultra-low-power integration, reliability, and automation. Neuchâtel's precision expertise is now being deployed in the service of medical diagnostics and the efficiency of healthcare processes.

A unique concentration of players with complementary skills — from research institutes to major integrators — brought together by the HLD ecosystem and the Usinnove building.

+210
Medtech companies — Canton of Neuchâtel

71'700
Medtech jobs — Switzerland

CHF 23 billion
Medtech sectoral turnover — Switzerland

4 axes
Strategic axes — HLD program

13
Founding partners — HLD program

12%
of medtech turnover reinvested in R&D — Switzerland

ECOSYSTEM

Interconnected players at every stage

Research	CSEM · EPFL · UniNE **internationally recognized technology transfer institutes**
Technologies	Sensors · Microfluidics · Ultra-low-power integration · Automation · Reliability · Regulatory compliance
Applications	Point of Care · In Vitro Diagnostics · Digital Health · Precision medicine · Home monitoring · Veterinary medicine
Training	HE-Arc · UniNE · CPNE · FSRM **dual training, from VET diploma to master's degree**
Funding	Innosuisse · European projects · Microcity · invest Neuchâtel

ECOSYSTEM

Value chain

Research & Technology Transfer

CSEM has been supporting industry for several decades in the development and transfer of diagnostic technologies, from prototype to industrialization. The HE-Arc, EPFL, and UniNE provide training and conduct research in Digital Health, automation, and UX. The HLD ecosystem brings these stakeholders together around diagnostics and health process efficiency.

For clinical validation, the canton benefits from the immediate proximity of major Swiss university hospitals — CHUV (Lausanne), HUG (Geneva), and Inselspital (Bern) — all accessible in under 90 minutes, as well as the Neuchâtel Hospital Network (RHNe).

Industrial Stakeholders & Technologies

- **IMA Automation and Mikron** — leaders in automation and precision assembly for medical and diagnostic devices.
- **Masimo** — multinational specialized in vital signs monitoring.
- **Hilo** (formerly Aktiia) — pioneer in continuous blood pressure monitoring at the wrist.
- **Senbiosys** — miniaturized biometric sensors for medical applications.
- **Animal Diagnostics** — veterinary diagnostic solutions, illustrating the canton's One Health approach.
- **CSEM** — international technology transfer institute and driving force of the Neuchâtel diagnostic scene.

Training & Talent

- **HE-Arc** – Digital health, UX, life sciences
- **UniNE** – Engineers in data science, automation, and microtechnology
- **CPNE** – Technicians and diagnostic practitioners trained locally
- **From Vocational Diploma to Master** – Dual education: a unique asset
- **90 minutes** – To access a broader talent pool: Lausanne, Bern, Basel

ECOSYSTEM

Concrete results. Companies that are creating the diagnostic of tomorrow.

Aktiia / Hilo

Founded in Neuchâtel, 2018

1st FDA-cleared cuffless blood pressure monitor

Result of 20 years of CSEM R&D

hilo.com

IMA Automation

Integrator, Canton of NE

Automation and precision assembly for diagnostics

imautomation.com

Masimo

Multinational, site in NE

Non-invasive patient monitoring

World-class reference SpO2 sensors

www.masimo.fr

Senbiosys

EPFL Spin-off, Neuchâtel

World's smallest PPG sensor

At the heart of the Iris smart ring

www.senbiosys.com

INNOVATION

Research & Development

Active research areas in the canton

Sensors & Microfluidics
Design and integration of miniaturized sensors and microfluidic systems for diagnostics – the core expertise of CSEM, HE-Arc, and local SMEs.

Ultra-low Power Integration
Low-power electronics for wearable and Point of Care devices – a Neuchâtel specialty stemming from microtechnology.

Digital Health & Deep Learning
Artificial intelligence, medical data processing, and connected tools to personalize and accelerate diagnostics. A research focus for CSEM and HE-Arc.

Automation & Industrialization
Automation of diagnostic processes to reduce turnaround times, increase precision, and minimize errors.

User Experience & Human-Centric Design
Human Lean Diagnostic: a user-centric diagnostic approach focused on care pathway efficiency (One Health philosophy).

BUILDING

Usinnove - Microcity

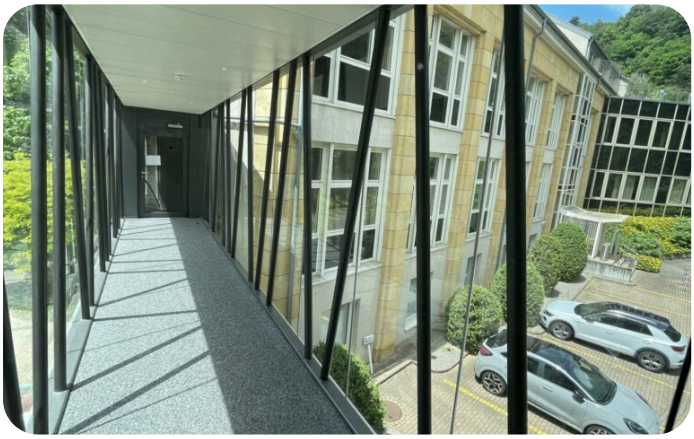
Usinnove

The innovation center dedicated to health technologies

Turnkey infrastructure to help you establish yourself quickly — at the heart of the HLD ecosystem and its partners.

- BSL-1 and BSL-2 laboratories for health R&D
- Cell culture spaces & technical areas
- Modular surfaces for start-ups, SMEs and R&D
- Offices integrated into labs & shared spaces

hld-ne.ch



4 floors
of modular laboratories and offices

BSL-1 / BSL-2
secure laboratories for diagnostics

Mid - 2026
in the heart of the La Serrière valley - Neuchâtel

2'200 sqm
of space dedicated to innovation

"**Neuchâtel. The ecosystem that transforms science into medical innovations.**"

LIVING IN NEUCHÂTEL

Neuchatel, a canton to experience

In addition to its unique professional setting, the **Canton of Neuchâtel offers an exceptional quality of life.**

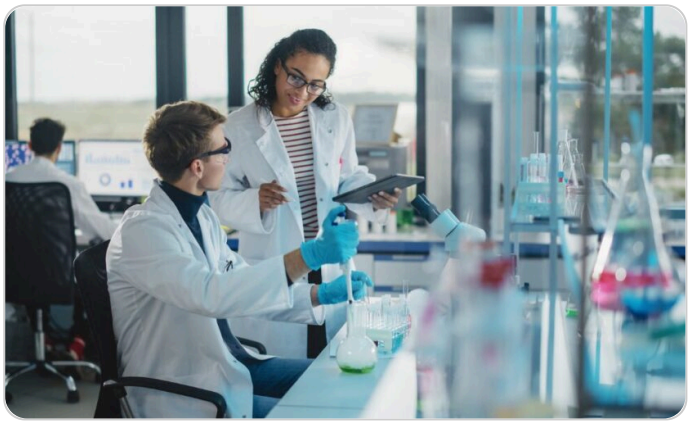
Bordered by a lake and surrounded by mountains, the region offers a perfect balance between nature and urban life. This privileged setting allows researchers and professionals to enjoy an environment conducive to creativity, inspiration, and well-being.

NEUCHÂTEL IS NOT ONLY A PLACE OF INNOVATION, BUT ALSO A PLACE WHERE IT IS GOOD TO LIVE, WORK, AND RESIDE.

neuchatel-un-canton-a-vivre.ch



Competitive taxation



Talent pool



Accessibility



Quality of life

F.A.Q

F.A.Q

Why is the Canton of Neuchâtel a hub for medical diagnostics?

The Canton of Neuchâtel counts over 210 medical technology companies and an ecosystem structured around the HLD (Human Lean Diagnostics) program, which unites manufacturers, laboratories, and academic partners (CSEM, EPFL, UniNE, HE-Arc). It is structured around four pillars: point-of-care devices, in vitro diagnostics, digital health, and automation.

What sets Neuchâtel apart from other regions for diagnostics?

Neuchâtel combines skills rarely found together: miniaturized sensors, microfluidics, ultra-low-power electronics, and industrial automation. This density of complementary players — from research institutes to major integrators — allows for moving from prototype to production within the same territory. The Usinnove building, in Serrières, will offer BSL-1 and BSL-2 laboratories starting in 2026.

What are the concrete benefits of locating in Neuchâtel?

Neuchâtel applies a corporate tax rate of 13.57%, one of the most competitive in Switzerland, within an attractive cost environment compared to the rest of Switzerland — corporate real estate, land, and operating expenses. The canton is at the heart of Europe: Lausanne, Bern, and Basel are accessible in less than 90 minutes, and the international airports of Geneva, Zurich, and Basel are within direct reach. This is complemented by dedicated industrial infrastructure and a readily available network of precision subcontractors.

How to set up in the canton of Neuchâtel and what support is available?

invest Neuchâtel, supported by the Department of Economy and Social Cohesion, is the official single point of contact for any company relocation. Its support is confidential: site and land searching, networking with the ecosystem, access to public funding, work permits and authorizations, and project coaching. **Contact invest Neuchâtel for an initial, no-obligation meeting.**

invest Neuchâtel
Your official contact

As a state entity, the Economic Development Office of the Canton of Neuchâtel facilitates, coordinates, and accelerates every step of your establishment.

- Search for land and premises
- Networking within the ecosystem
- Access to public funding
- Work permits and authorizations
- Project coaching and support

CONTACT

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