Applied Machine Learning Days 2018

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AMLD

VAUD+

Supporting Innovation
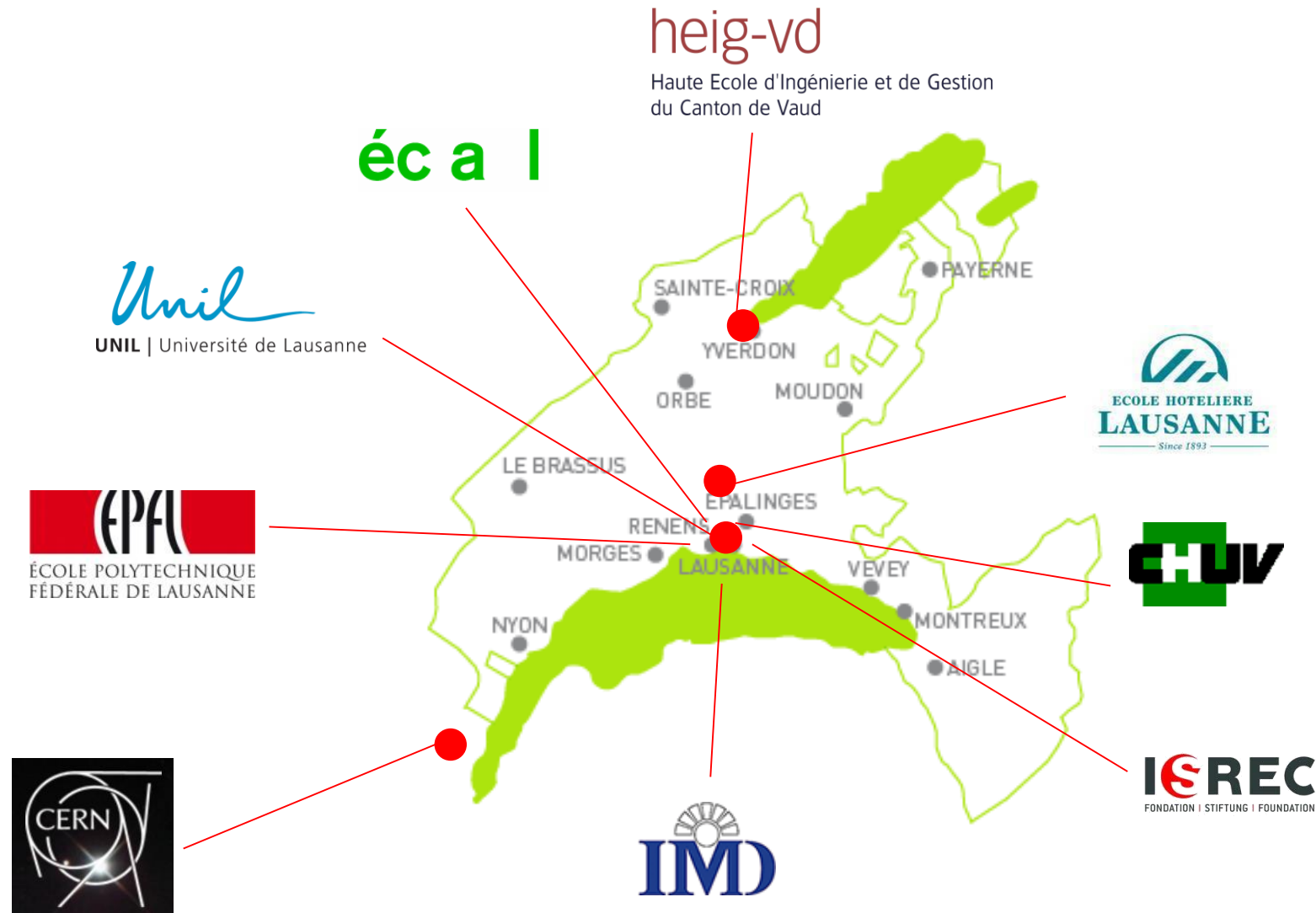
Location
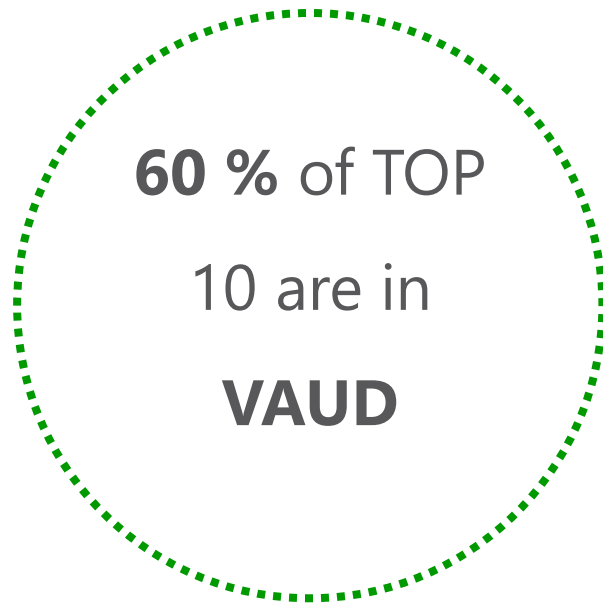

▷ Population: **770K**

▷ **33%** foreigners

▷ **70K** students and university personnel

▷ GDP: 52 BCHF (2015)

World Class Academic & Research Institutions

TOP 100 Swiss Startups 2017

26 startups in TOP 100 are in Canton de Vaud

60 % of TOP

10 are in

VAUD

1. Ava
2. **L.E.S.S.**
3. **Flyability**
4. bexio
5. **MindMaze**
6. **Gamaya**
7. **BestMile**
8. Beekeeper
9. **Lunaphore**
10. Advanon

Financing

100k – 500k

Office for Economic Affairs (SPECo)
Economic Promotion

100k

Coaching

Hands-on Support
to Startups and SMEs

80+ coaches and specialists

platinn
plateforme innovation

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency

Hosting

PARC SWISS TECHNOPOLE

Technopôle Sainte-Croix Micro Manufacturing Center

TECORBE

Les ATELIERS de Renens

biopôle

EPFL Innovation Park

gotham! gotham!

IMPACT HUB

MC MASSCHALLENGE SWITZERLAND

LA FORGE SHAPING IDEAS INTO COMPANIES

Startlab Life Science Incubator @ **bio**pôle

Communication / networking

- ▷ Events (50/year)
- ▷ Success stories (interviews, videos)
- ▷ Media coverage

5 examples

Fraud detection using ML

NetGuardians

Innovative anti-fraud technology offered with the first-class service

- ▷ Fintech: financial transaction analysis
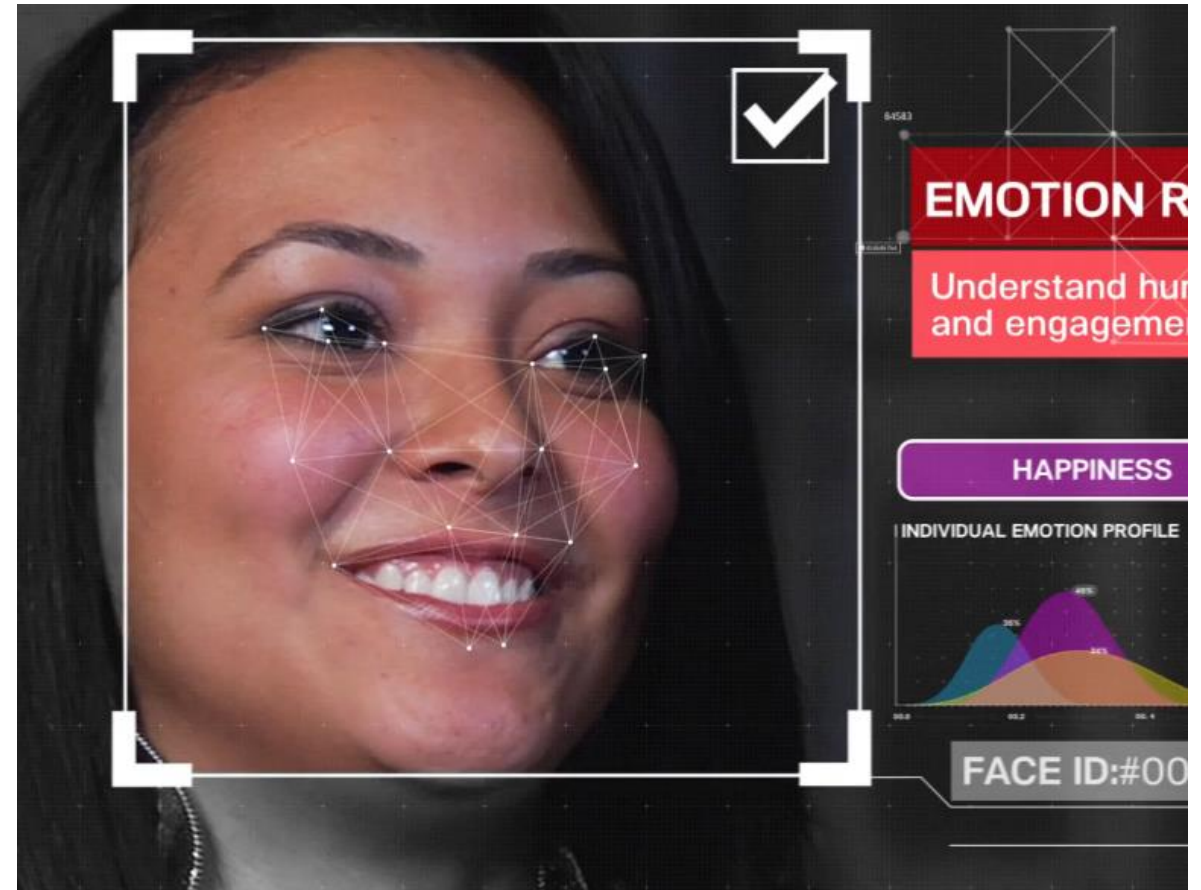- ▷ Real-time detection
- ▷ ML helps reduce false positives

- ▷ HEIG-VD Spin-off
- ▷ Based at Y-Parc
- ▷ FIT seed loan (2009)
- ▷ 60 employees and growing
- ▷ Member of Scale Up Vaud

SCALE UP VAUD

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Emotional using ML

NVISO

▷ Marketing, automotive, retail, health, finance

▷ Integrating ML in the sensors and connected objects
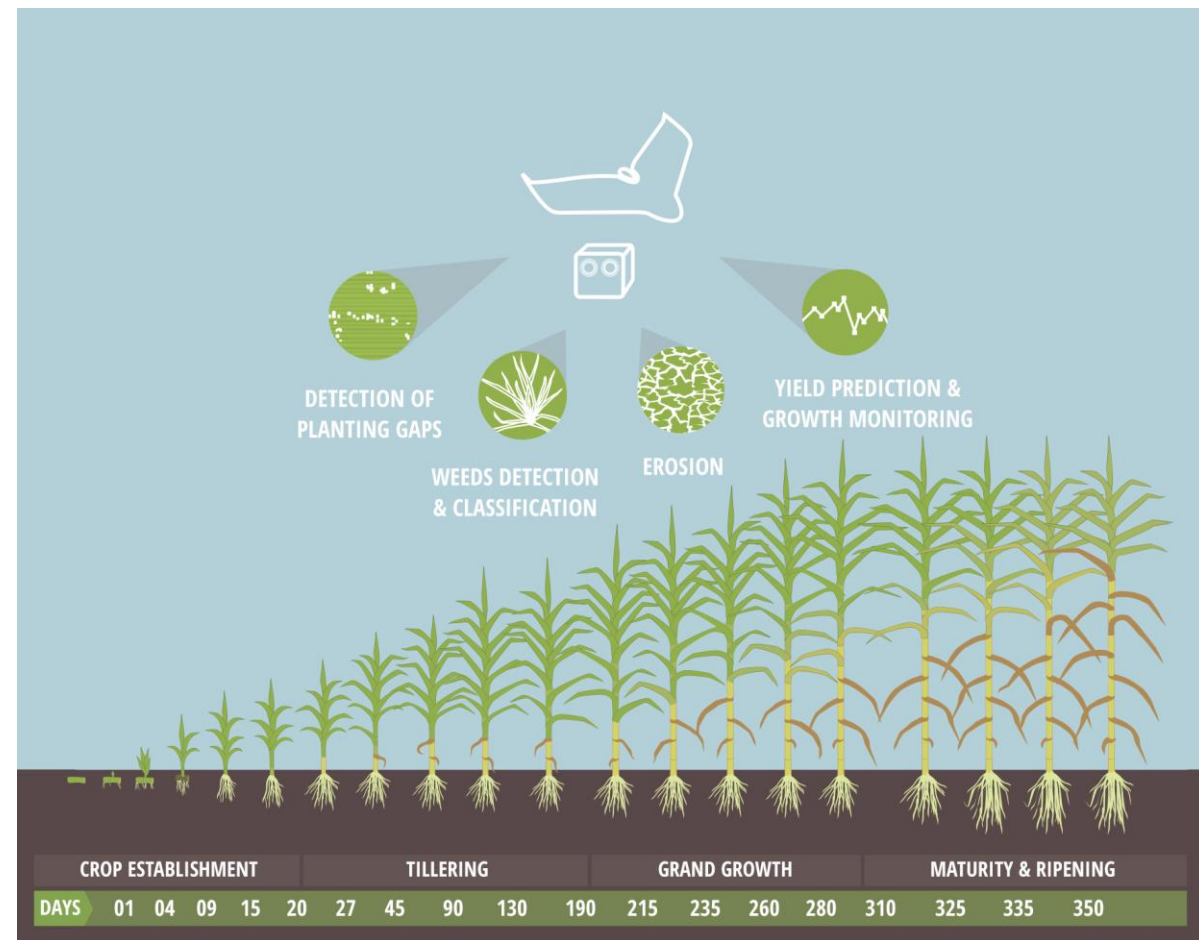
▷ Coordinating Bonseyes H2020 consortium (14 members)

▷ EPFL Spin-off

▷ FIT seed loan

▷ Based at EPFL Innovation Park

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Agritech using ML

▷ Efficiency and sustainability in farming

▷ Hyperspectral camera

▷ Detection of diseases or nutrient deficiencies
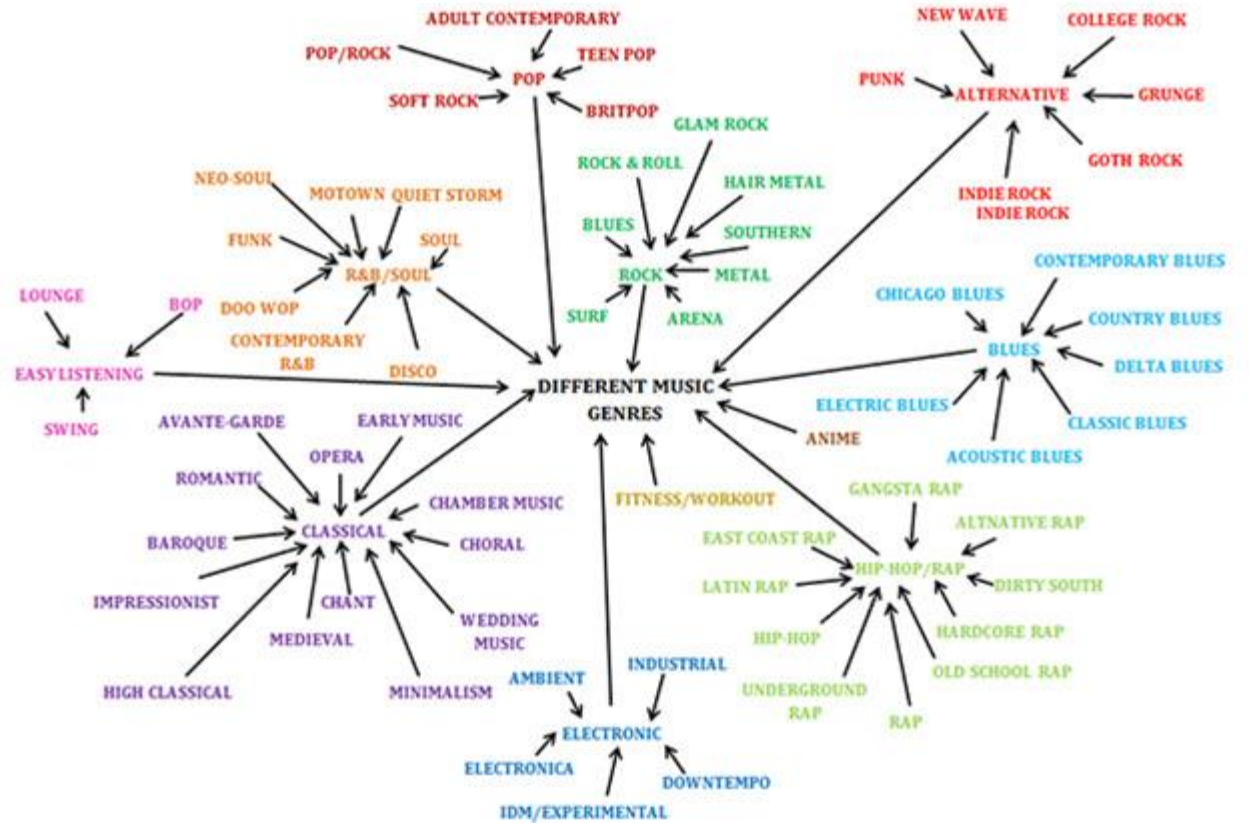
▷ Machine learning optimized for precision farming

▷ EPFL Spin-off

▷ FIT seed loan

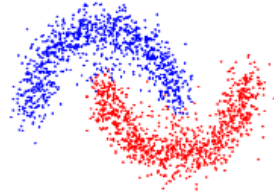▷ Based at EPFL Innovation Park

Document analytics

LinkAlong

▷ Knowledge model customized to specific terminology

▷ Monitoring documents and social web content

▷ Multilingual taxonomies

▷ EPFL Spin-off

▷ Based at EPFL Innovation Park

Complex predictive analysis

L2F

- ▷ Topological and statistical modeling
- ▷ Won Kaggle competition (1st out of 1257 teams)
- ▷ Marketing & Sales, Customer Relations, HR

- ▷ EPFL Spin-off
- ▷ Based at La Forge

Thank you

- ▷ @innovaud
- ▷ www.innovaud.ch
- ▷ Newsletter
- ▷ Innovaud App