SDGs :
The contribution of science

Yves Flückiger
Rector of the University of Geneva
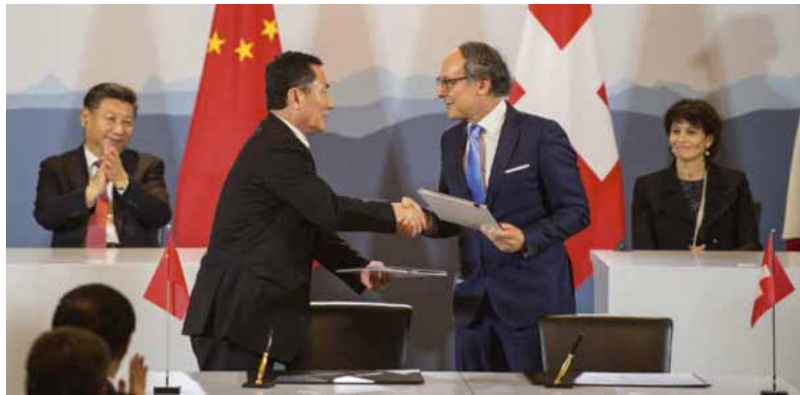**President of the swissuniversities International Relations Delegation**

The role of the scientific community

1. Creating new international education programmes on SDGs and introducing SDGs in exiting programmes
   - Developing **challenge-based learning** for the SDGs

2. Enhancing Switzerland/Geneva as a host to the UN, other IGOs and NGOs
   - Encouraging **multi-stakeholder** collaboration around the SDGs

3. Linking International Geneva with enterprises
   - Establishing **project-based collaboration** between Geneva and China

4. Achieving measurable progress towards the SDGs
   - Generating **social and economic spin-off** through student-led innovation

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2017: Geneva Tsinghua Initiative

Signature of the GTI MoU – Bern, Jan 17

Signature of the Master Agreement – Davos, Jan 17

GTI Luncheon – Davos, Jan 17

United Labs Launch – Davos, Jan 17

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GTI Education Programmes

- **Masters Programme:** 2.5 year double degree (THU MPA + UNIGE MS)

- **Summer Student Programme :** 2 months in Geneva + China + World

- **Executive Ed. Programme :** 2 weeks for private / public / NGO sector

- **E-learning Programme:** 6 weeks online coaching programme

- **Accelerator Programme:** 1-3 month support for promising GTI projects

- **Exchange Programme :** Coordinated by Confucius Institute of UNIGE

- **Associated Initiatives:** United Labs, Open Geneva, iSDG, SDGo,…

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Key features of the programmes
Combining various forms of teaching

- **Academic teaching** providing the basis of knowledge on SD, intercultural issues, global challenges, data mining and processing, etc.

- **Strong involvement of actors** coming from IGOs and global NGOs, regional/national administrations, and the private sector

- **Learning-by-doing** : workshops where students deal with practical issues and challenges

- Conference cycles

- **Field work** in Europe, Middle East, Africa, and China

- Internships

Examples of Projects

FIRST ROUND:

• Street guide to sustainable businesses

• access to generic medicines for specific diseases in Latin America.

SECOND ROUND:

• Crowdmapping sexual violence in India

• Crowdmapping public projects and policies in Nigeria

• Track the extent of poverty

• Mapping renewable sources of energy

• enabling civil-society-led SDG monitoring

• Putting rural Tanzania on the map.
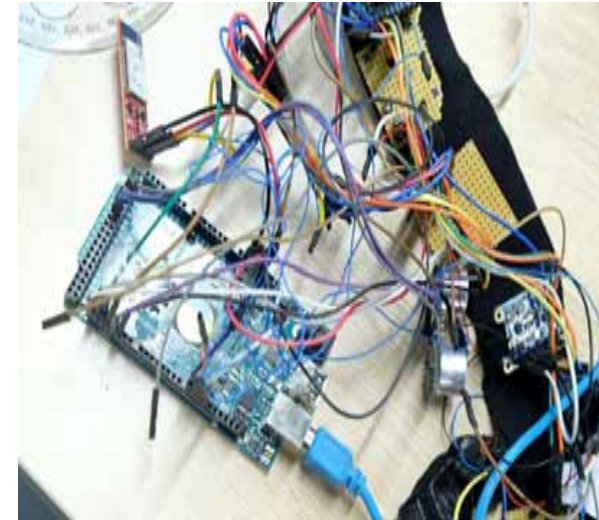
• Study the use of land in the Philippines.

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SDG Summer School

Part 1 – Geneva
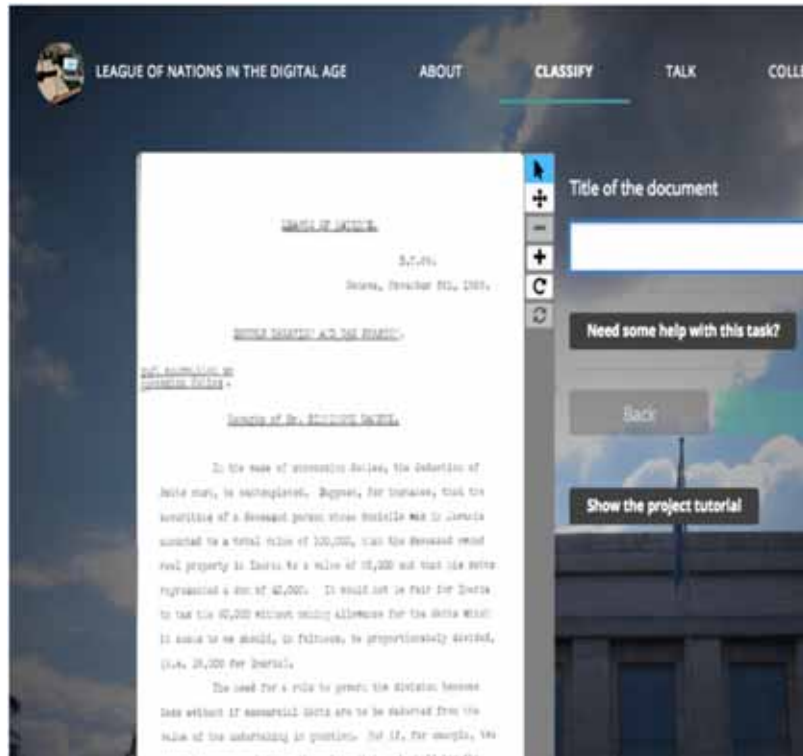*Learn about SDGs*
Meet the mentors
Define projects

Part 2 – United Labs
Tackle challenges in teams
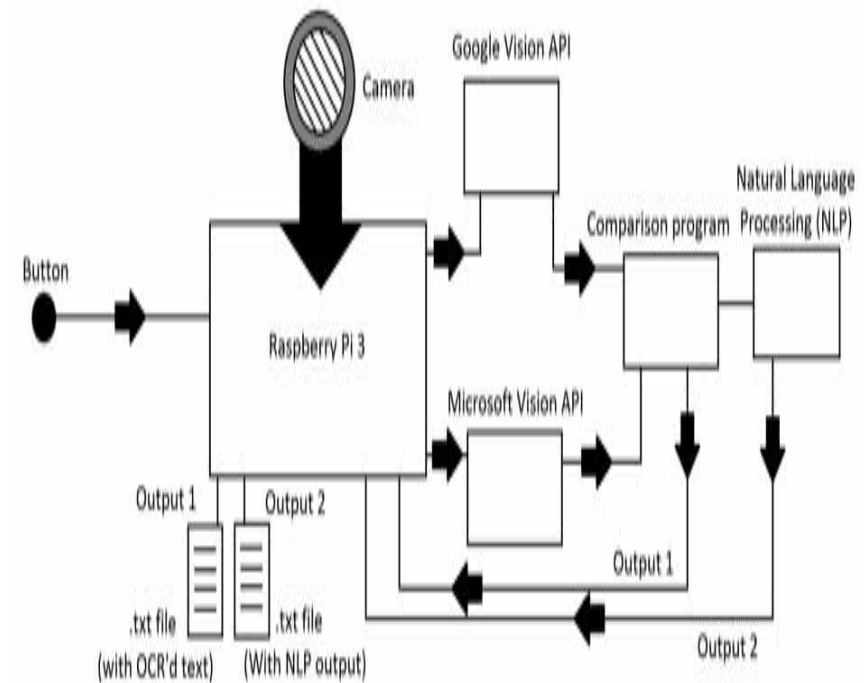*Work with local experts*
Develop prototypes

Part 3 – Beijing and Shenzhen
User testing with high schools
Manufacturing strategy
Business model

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Example of Accelerator Project

Crowdsourcing
With UN Library
Mentor Colin Wells
Coordinator Blandine Blukacz-Louisfert

Open Source scanner with AI
Inspired by WMO use case
Accelerator programme

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For knowing more about this : GTI-Master@unige.ch