SDGs: The contribution of science

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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
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
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,…
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.
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
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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