



# Welcome

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“Exploring the Impact of Emerging Tech in the Classroom”

- Hybrid Program Structure: Sustainable Scaling
- Student Projects: Disruptive Technology Impact
- Dissemination of Projects: Class Twitter Hashtag

2019 Geneval Trialogue – Jan. 21, 2019

# Social Learning – Social Doing: Open17 Challenge @ETH



- Universities: Learning by addressing real world problems in interdisciplinary teams
- Open17 Challenge adapted to students of ETH
- Open to everyone including 1<sup>st</sup> year students
- Pilot fall and spring semester 2018/1019
- Challenges
  - Self suggested
  - Provided by WMO and UNEP
- Challenge announcement Feb 2019
- Presentation of solutions May 2019



## PROBLEM:

More and more organizations, high education, and research institutions are **organizing events** and **publishing research findings** on various themes.

However, all this valuable **information is scattered all over the internet**, making it difficult to access relevant information.



The **new trend in content publishing** and social media has dramatically changed the way information is consumed: **short form content is now the new norm**.

This is contrary to content that comes from events such as conferences that usually last more than an hour. Thus making it difficult to share or simply get people's attention and have them engaged.

This can be a huge waste, considering that hosting events or facilitating research can be very costly.

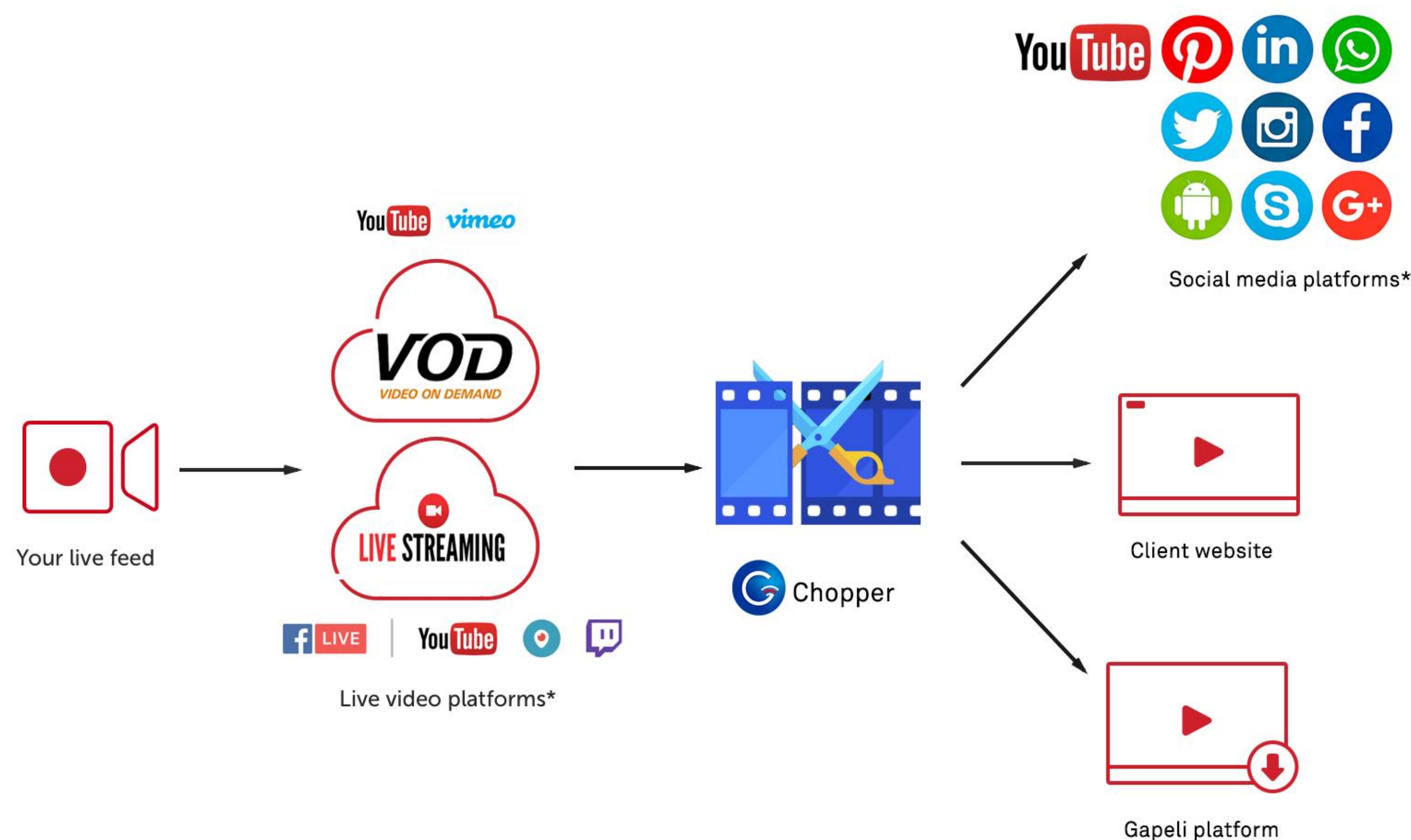
## SOLUTION:

Geneva Action Platform is a novel, educational and professional online platform that aims to be **one stop shop** for all this valuable content. And It **focuses on video content**. According to studies, the video format is the most engaging type of content. Viewers retain **95%** of a message when they watch it in a video compared to **10%** when reading it in text\*.

To **get people engaged** with long videos, Gapeli has developed an amazing technology (**Uchop**) for **live online editing of videos** to **create sound bites for social media** at the click of the button.

## Uchop video sharing tool

Uchop allows you to **instantly select, cut and share** any interesting section from (live) videos on the Geneva Action Platform.



INTRODUCING OUR UNIQUE GAPELI CHOPPER FOR YOUR LIVE EVENT AND VIDEOS without changing your existing workflow

## ABOUT US:

Geneva Action Platform for Engaging, Learning and Information (Gapeli) is a not for profit start-up, founded in 2015 in Geneva.

## PURPOSE:

To accelerates knowledge sharing and inspires change on a global level through an innovative, educational online video platform. This role is key to engaging global citizens in debates and negotiations that impact lives across the planet.



To become the **leading professional video platform** with **reliable and curated content** to strengthen knowledge and **understanding of global challenges**. This aligns with **SDG target 4.7**

## KEY AREAS WE FOCUS ON:

Health



Economics



Agriculture



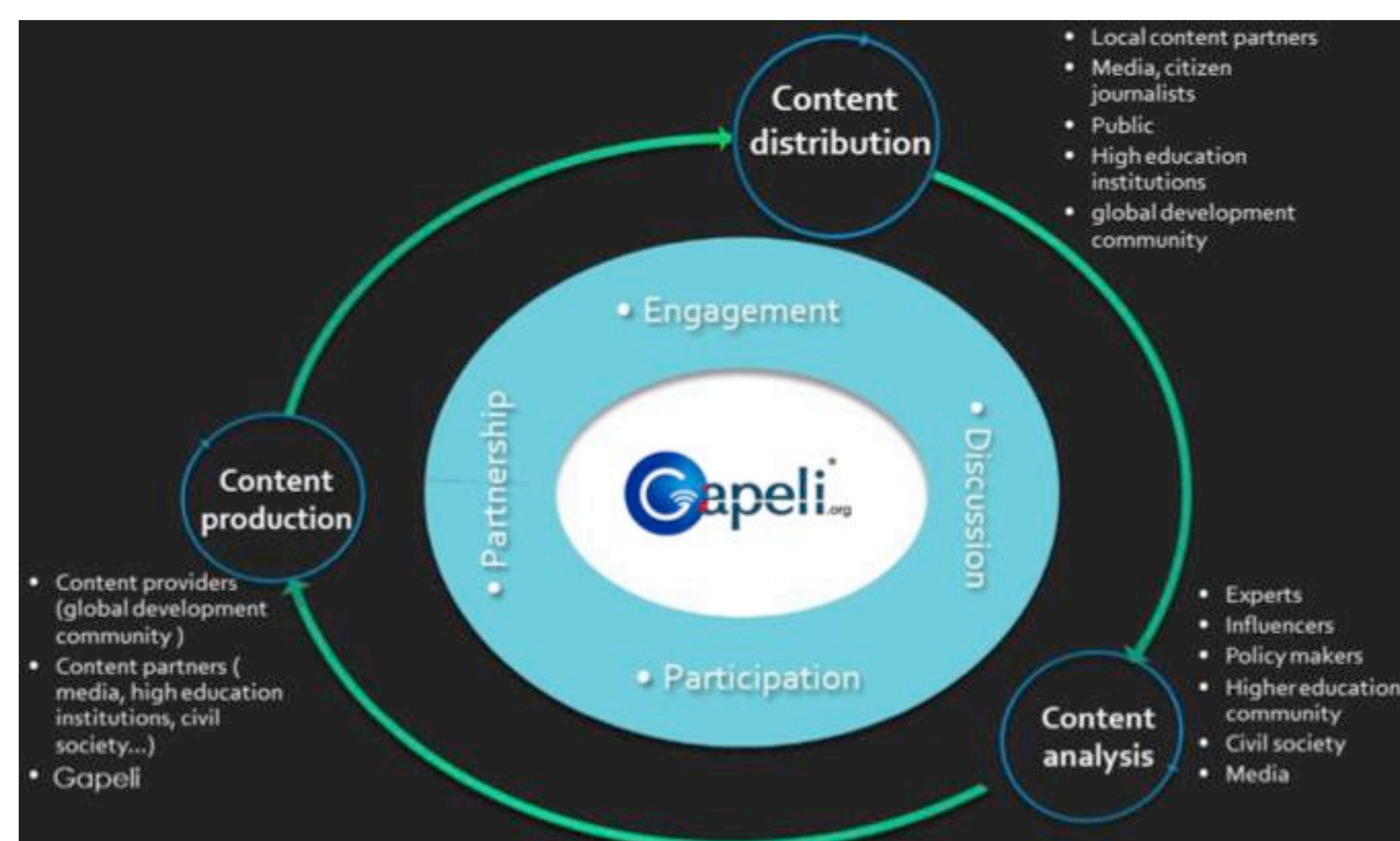
Environment



Technology & Innovation



## HOW WE WORK



For more info: [www.gapeli.org](http://www.gapeli.org)

\* <https://www.insivia.com/>





from **SDGs** to **SDAs**



# The SDGs & the University for the Common Good

- Mapping pan-University engagement with SDGs
- Developing Toolkit encompassing Operations/Finance, Academics, Research & Community Engagement
- “SDG-izing” University-wide Stander Symposium - framing presentations of student work & special forum-involving over 1500 students
- Establishing SDG “Lab” to support faculty, staff & student collaborative innovation and action in community



University of Dayton  
**Human Rights  
Center**

# ENHANCING HUMANITARIAN (and Development?) PRACTICE Through Greater Knowledge and Understanding



A dynamic online platform of humanitarian concepts designed *by* and *for* humanitarian actors and supported by scientific research

## Context: Humanitarian and Development Nexus

- Increased humanitarian needs (USD 27.3 bn in 2017)
- Nearly 50% population living in fragile situations by 2030
- Diversified actors and a variety of humanitarian concept interpretations → miscommunication in the sector and with others



## The Humanitarian Encyclopedia will...

- Improve mutual understanding of key concepts
- Accompany the localisation of humanitarian knowledge
- Make the humanitarian sector more legible to external stakeholders
- Contribute to the training of current & future generation

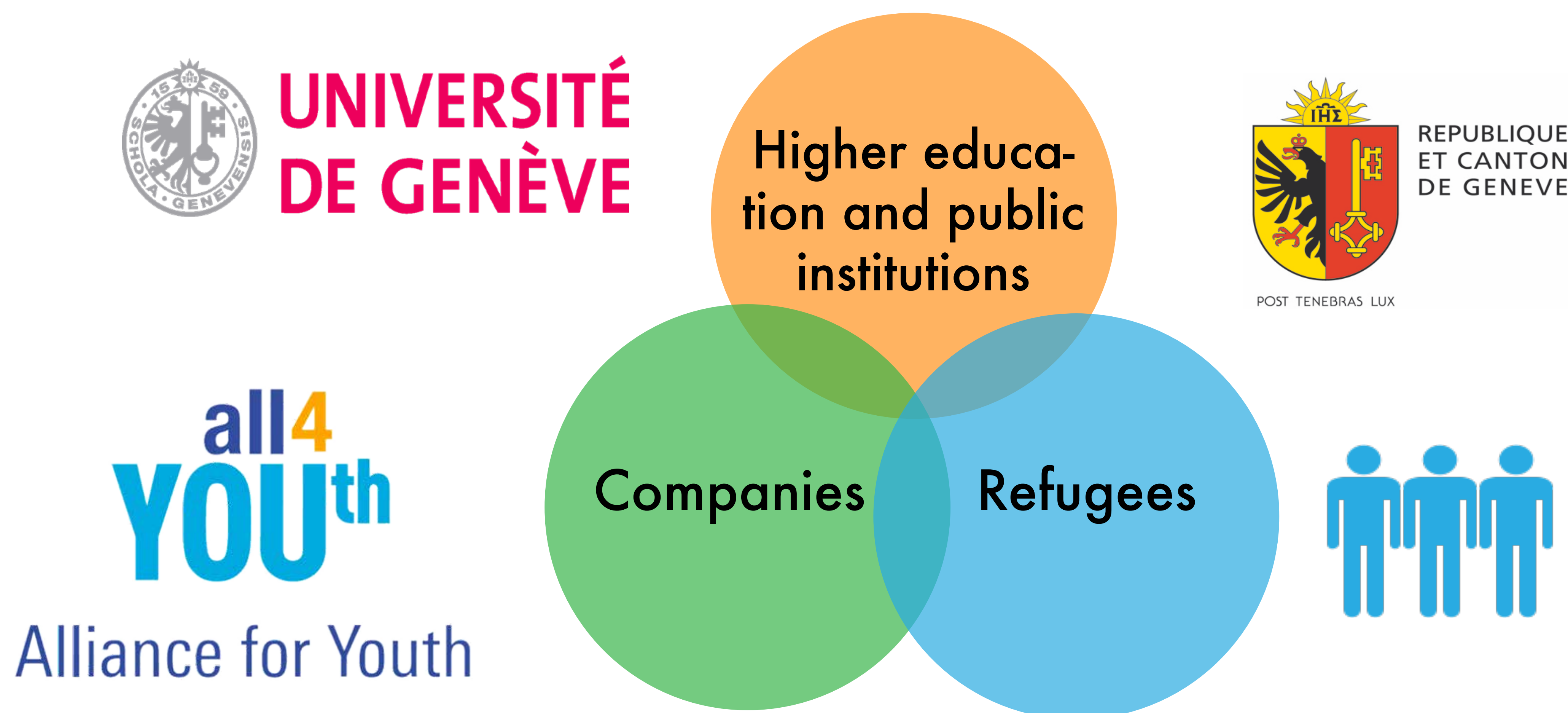
***... provides knowledge as bridge between the humanitarian and development sectors to support the SDG 17 «Partnerships for the Goals» and the achievement of the 2030 Agenda***



# Refugees@work initiative

An interface for social innovation

**Public-private approach**  
to face the low employability rate of refugees



Refugees@work is an initiative initiated in 2018 by a student collective from the University of Geneva as part of the Master's degree of the Geneva-Tsinghua Initiative. This project is supported by Horizon Académique from University of Geneva, the Integration Office of the Canton of Geneva and Alliance4Youth, a group of companies working to improve the employability of young people.

## Hackathon

25th of May 2018

**To find innovative solutions**

11 working groups on 8 different challenges

## Afterhack

11th of October 2018

**To develop concrete projects**



## 2 projects supported

Future together:  
a day of discovery in the workplace

by



Digital fracture

by



Next  
Hackathon

23th of May 2019



# The I CAN MARKETPLACE



THE GLOBAL GOALS  
For Sustainable Development

Real Solutions. By Children.

# For the World



Children are using the  
**I CAN MINDSET**  
to design a more  
**empathetic, collaborative & creative world**  
**TODAY!**

## WHO ARE WE?

Design for Change cultivates an I CAN Mindset in children, by offering them the tools to empower them to make their world a better place. **TODAY**

Design for Change helps adults realize that children are **NOT** helpless and that they **ARE** making the world a better place. **TODAY**

## WHY IS THE I CAN MINDSET IMPORTANT?

Because children do not need permission to make the world a better place. The I CAN MINDSET equips every child to be

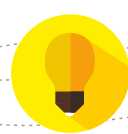
**AWARE** of the world around them  
**ENABLED** with the skills to take action and  
**EMPOWERED** to design a more desirable and sustainable future- **TODAY!**

## HOW ARE WE DOING IT



### FEEL

This step starts with asking you to slow down and 'understand' the situation before jumping to 'solve' it.



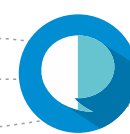
### IMAGINE

This step asks you to brainstorm solutions to improve, enrich, change the user experience.



### DO

This step is about creative agency and The ability to take timely action.



### SHARE

The final step is 'Share' - cultivating the abundance mentality.

## SOME REAL STORIES OF CHANGE



### MEET KRITIKA AND HER FRIENDS FROM INDIA

with the help of her friends she freed her school from fear by creating an affirmative discipline wheel to eliminate corporal punishment and restore the joy of learning

[VIEW THE STORY](#)



### MEET SARA AND HER FRIENDS FROM DENMARK

who designed a resource book to break myths around 'typical' male and female jobs and help celebrate a more gender neutral mindset!

[VIEW THE STORY](#)



### MEET KARLA AND HER FRIENDS FROM COLOUMBIA

who designed a toy plane "Cigabionica" using recycled materials which would fly over the land and drop seeds, as well as be able to document it. After four months, the region was restored to its natural state and regained its vegetation.

[VIEW THE STORY](#)

## OUR IMPACT

**25,500** STORIES OF CHANGE

**65+** COUNTRIES

**67,000** TEACHERS

**40+** CATEGORIES OF SOLUTIONS



THE GLOBAL GOALS  
For Sustainable Development

**14**  
OUT OF 17  
GLOBAL GOALS  
ADDRESSED

## WHAT DOES RESEARCH SAY

### GOODPROJECT RESEARCH FINDINGS

FIDS increases students individual and group empathetic abilities.

Every subskill under empathy showed a statistically significant shift towards:

- Choosing problems that affect others
- Describing multiple viewpoints
- Keeping the stakeholder in the center of designed solutions

The **GoodProject**

Ideas and Tools for a Good Life

## VISION 2030

CHILDREN HAVE CHANGED **A MILLION LIVES**  
YOU CAN HELP US CHANGE **A BILLION ?**

Build / Support the capacity of the **DFC GLOBAL TEAM**

### TAKE FIDS TO CHILDREN IN 190 COUNTRIES

The I CAN Challenge Training  
Curriculum design  
Celebrations

### MARKETPLACE OF SOLUTIONS MEASURING IMPACT

Curate the most easy to replicate solutions in a Marketplace and invite the world to scale for impact

### I CAN CHILDREN'S GLOBAL SUMMIT

Host the I CAN Children's summit every 3 years ( like the Olympics of Change ) to spotlight the power of children and to share the impact of the solutions from the Marketplace

## RETURN ON INVESTMENT

Investing in DFC Global is an opportunity to not only become a catalyst for social impact in a world that needs it, but it gives you a front row seat at key global events and allows you to shout about the impact that you are creating by aligning your brand with a global movement of student driven change and empowerment.

### BECOME A CATALYST FOR SOCIAL CHANGE

Investing in DFC Global provides the opportunity for your company to become an integral part of a global movement of student driven change that is impacting millions around the world.

### A FRONT ROW SEAT AT DFC's KEY GLOBAL IMPACT EVENTS

You will have the opportunity to witness and influence global events pivotal in the social change movement of Design For Change.

### VISIBILITY TO AMPLIFY YOUR BRANDING

Your brand will be showcased as the key sponsor on all DFC Global communications and events. A curated impact report to demonstrate your social impact.

## HONORS & AWARDS



WINNERS OF  
INDEX: AWARD 2011



## PARTNERS



# Molecular Genetics Workshop

learning by doing



L

Learn with your hands  
You are the scientist

C

Connect  
By Learning about yourself

D

Discover  
By Using real scientific techniques

E

Enjoy  
Science can be fun





# BUILDING A GENERATION OF OCEAN LEADERS

AN INITIATIVE OF

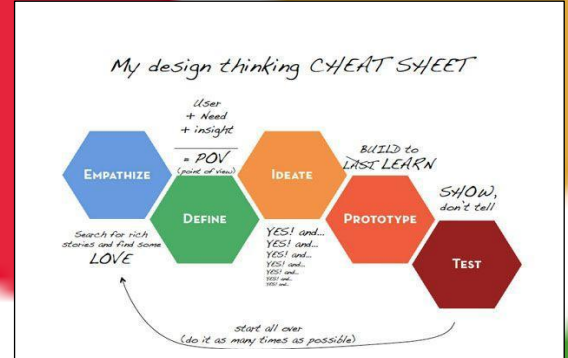


Global Shapers  
Port-Louis Hub



SIDS YOUTH  
AIMS HUB  
(SYAH)





StartUpSomething...**thatMatters**



**Books**

**Great food**

**Caring nurse**

**Quality teaching**

**Treated as individuals**

**Decent toilets & sanitation**

**Warm, clean & vibrant classrooms**

**New technology and access to mobiles**

**Better parking and less traffic problems**

**Proper access for those with disabilities**

**Plastic free and decent vending machine**

**Cool summer classrooms, warm in winter**

**Enough good water fountains**

**Better sports facilities**

**Safe & secure site**

**Fun together**

Top 10 skills

in 2020

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

INCUBATE



INNOVATE



ENGAGED ENVIRONMENTS

EMPOWERED ENVIRONMENTS

ATTENTIVE AND COMMITTED TO OUR CURRICULUM

"PREPARING FOR THEIR FUTURE JOBS"

TEACHERS WORKING TO "MAKE IT INTERESTING"

YOU MUST LEARN \_\_\_\_\_

GIVING CHOICE

FOLLOWING THE BEATEN PATH

TAKING AN ASSESSMENT

CONSUMING

DIFFERENTIATED INSTRUCTION

ATTENTIVE AND COMMITTED TO THEIR INTERESTS

"PREPARING THEMSELVES FOR ANYTHING"

TEACHERS WORKING ON "TAPPING INTO THEIR INTERESTS"

WHAT DO YOU WANT TO LEARN?

INSPIRING POSSIBILITIES

MAKING YOUR OWN PATH

ASSESSING YOUR OWN LEARNING

CREATING

PERSONALIZED LEARNING



**WE innovate**

Pushes	Pulls
Anxiety about the future	Promise of security and social cohesion
Concern that policy adjustments are insufficient to avoid crises	Ethics of taking personal responsibility for others, nature, and the future
Fear of loss of freedom and choice	Engaged participation in community, political and cultural life
Alienation from dominant culture	Pursuit of personal meaning and purpose
Stressful lifestyles	Time for personal passions and stronger connections to nature

## *How to be sure that universities are producing sustainability literate graduates ?*

[www.sulitest.org](http://www.sulitest.org)

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A tangible  
implementation of



**HIGH-LEVEL POLITICAL FORUM  
ON SUSTAINABLE DEVELOPMENT**

A contributor to the  
review of the 2030  
agenda through the  
high level political  
forum



# Sulitest.org

Sustainability Literacy Tools & Community



## *How to be sure that universities are producing sustainability literate graduates ?*

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agenda through the  
HLPF



Model United Nations Ferney-Voltaire 16-18 Jan. 2019

# FERNEY MUN *gazette*



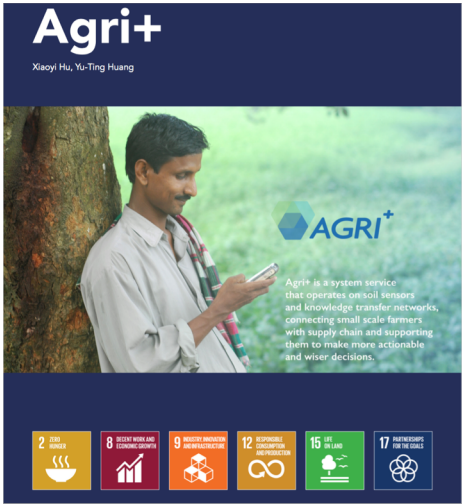
**Building sustainable and resilient societies  
Construire des sociétés résilientes et durables**

- Maker space @CERN
- 5 years
- 130+ innovation design projects

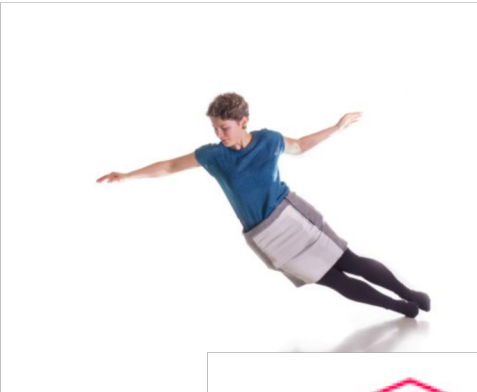


# IdeaSquare

## COLLIDING DICIPLINES



Grand Challenge  
RCA



Challenge  
Based  
Innovation





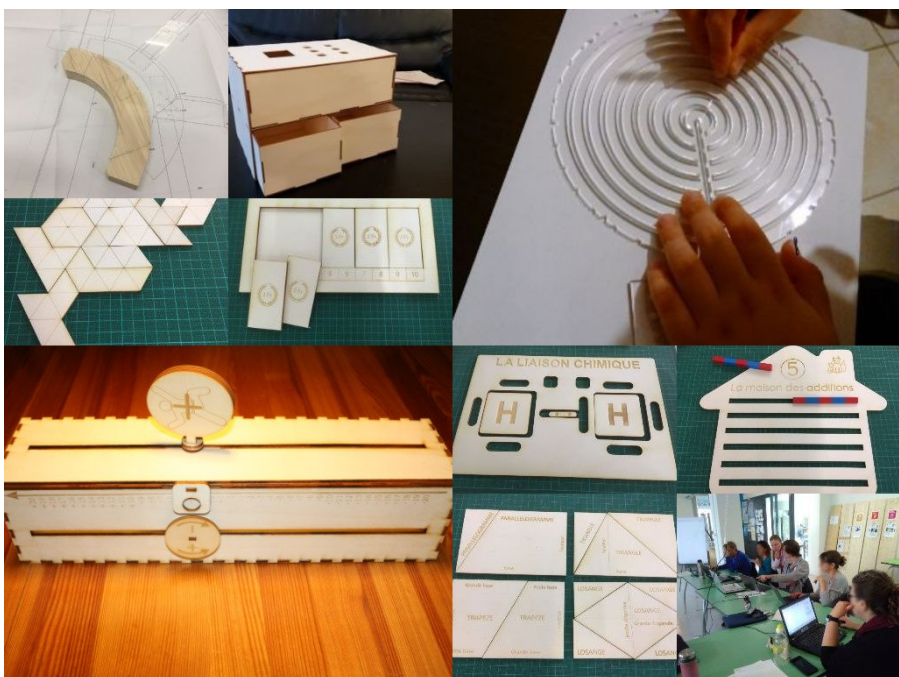
# Foster SDG education and action with digital fabrication

## Using Fablab as an inspired resource for teaching

Making educational tools for SDGs with digital fabrication

Objective

### Teachers are creative...

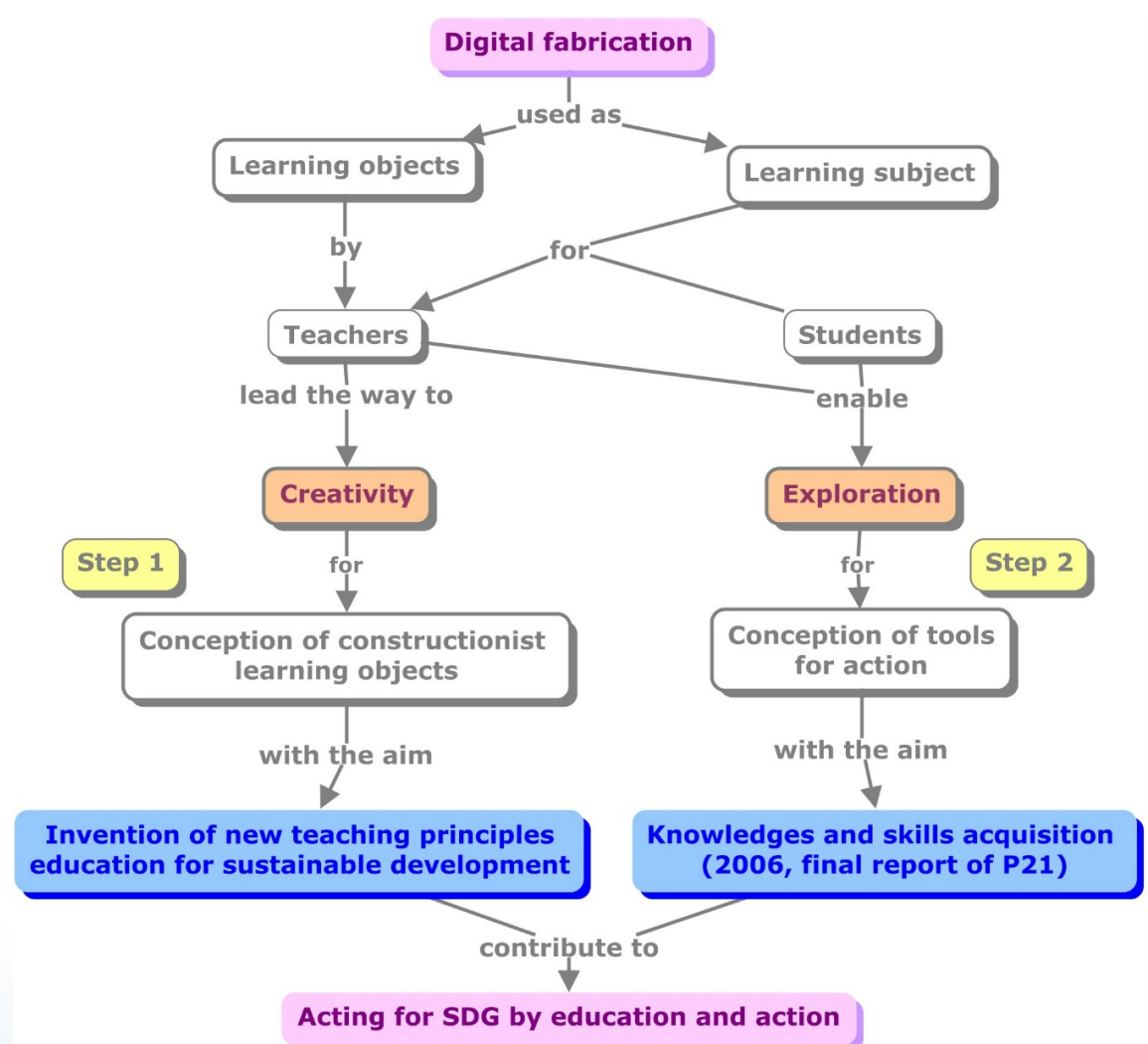


Why not use teachers' creativity

SUSTAINABLE DEVELOPMENT GOALS

?

### 2-step project



### Share & Collaborate

Available to discuss ideas & find collaborations with you !

### Project's holder

Lydie Boufflers

Email : [lydie.boufflers@etu.unige.ch](mailto:lydie.boufflers@etu.unige.ch)



UNIVERSITÉ DE GENÈVE

Geneva SDG Solution Space

