

Workshop 5

Environmental issues: how to address them through innovative interdisciplinary and participatory approaches?

Atelier 5

Enjeux Environnementaux: comment les traiter par des approches interdisciplinaires et participatives innovantes ?

Contribution:

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1 Million Youth Actions Challenge (1MYAC)/DDC

Anahy Gajardo, Arnaldo Sernia, Horacio Austburger & Helen Alvarez

Terre des Hommes Suisse

Andrea Wynistrof & Luise Schurian

Swiss Academy for Development (SA4D)

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University of Geneva



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1 Million Youth Actions Challenge (1MYAC)/DDC
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Summary – Résumé

SA4D, TdH Switzerland and 1MYAC shared their concrete approaches to help strengthen the skills and knowledge of teachers and learners about the environment in formal and non-formal education contexts.

Through interactive experience sharing, this workshop aims to jointly formulate concrete recommendations for teachers to work towards the achievement of SDG 4.7.

SA4D, TdH Suisse et 1MYAC ont partagé leurs approches concrètes pour contribuer au renforcement des compétences et des connaissances des enseignant·es et apprenant·es en matière d'environnement dans des contextes d'éducation formelle et non formelle.

Par le biais d'un partage d'expériences interactif, cet atelier vise à formuler conjointement des recommandations concrètes pour les enseignant·es afin de travailler à la réalisation de l'ODD 4.7.

Workshop 5 : Environmental issues: how to address them through interdisciplinary and participatory-innovative approaches?

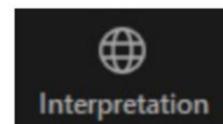
Bern

- WIFI : Network: ZPK-Events
Password: events202202
- Scan QR Code for interpretation
- Connecting headphones for translation



Online

- Translation into English or French
- Mute micro, camera on
- Name change: rename yourself with First Name, Name and Organisation



Atelier 5 : Enjeux environnementaux : comment les traiter par des approches interdisciplinaires et participatives innovantes ?

Berne

- WIFI : Network: ZPK-Events
Password: events202202
- Scannez le QRCode pour l'interprétation
- Connectez vos écouteurs pour la traduction

En ligne

- Traduction en anglais ou en français
- Micro muet, caméra allumée
- Changement de nom : renommez-vous avec Prénom, Nom et Organisation

Environmental issues: how to address them through interdisciplinary and participatory-innovative approaches?

SA4D: Andrea Wynistorf, Luise Schurian-Dabrowska

Terre des Hommes Suisse: Anahy Gajardo, Arnaldo Serna, Horacio Augstburger & Helen Alvarez

1 Million Youth Actions Challenge (1MYAC): Mathias Baridon

Interactive workshop: contributions, then exchange

Main output: at least 3 concrete recommendations to address this issue

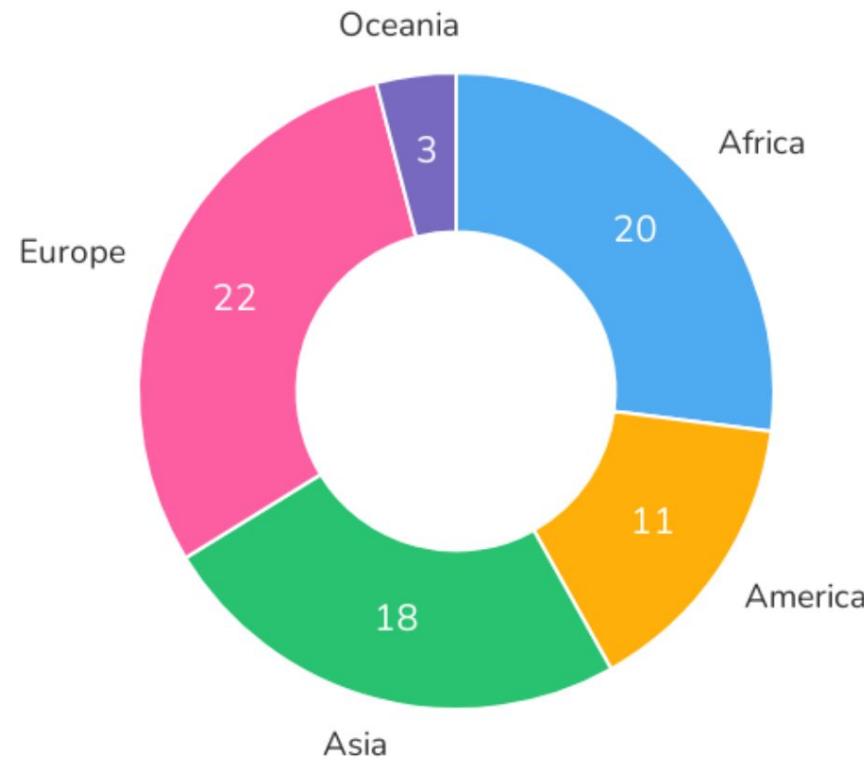
Enjeux environnementaux : comment les traiter par des approches interdisciplinaires et participatives innovantes ?

Atelier interactif : contributions, puis échanges

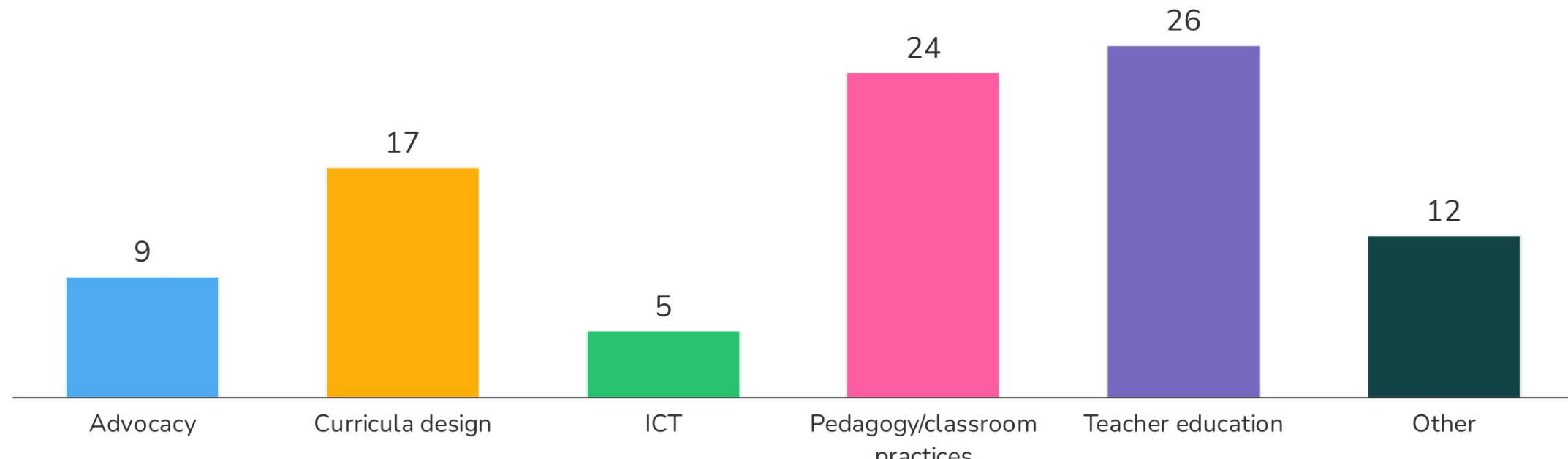
Objectif principal : au moins 3 recommandations concrètes afin de traiter cet enjeu



In which continents do you work?



What areas of education do you work in?



Give one example of an environmental issue.

pollution	Pollution	Deforestation
Climaterio change	Desertification	Air quality
Waste management	Ocean acidification	Climate change
Fresh water pollution	Soil degradation	Waste
Air polution	Shrinking biodeversity	Water
Planetary boundaries	Global warming	Air polution Waste Climate
Water	Indigenous protection	Waste management
Biodiversity	Matériel pédagogique du lieu et non extérieur importé	Flooding
Natural ressources management	Pollution	wnvironmental events risk and threaths
deforestation and indigenous protection		

“Children Eco-reporters” project

Projet “Enfants éco-journalistes”

Terre des Hommes Suisse: Arnaldo Serna, Horacio Augstburger and Anahy Gajardo, with the collaboration of Helen Alvarez



Qui est cette petite fille et que fait-elle avec ce grand appareil photo?



© Terre des Hommes Suisse – Carmen Barrantes

Who is this little girl and what is she doing with that big camera?





© Terre des Hommes Suisse

Photo taken by Anaydé Choquevillca, 12 years old (Cochabamba, Bolivia)

Que raconte cette photo
prise par une enfant? Que
voulait-elle exprimer?

What is the story behind this
photo taken by a child? What
did she want to tell?





Qui est cet enfant et qu'est-il en train de lire?
Who is this child and what is he reading?

Enfants éco-journalistes – un projet de Terre des Hommes Suisse en Bolivie

Child eco-journalists - a project of Terre des Hommes Suisse in Bolivia

Quelques liens pour en savoir plus | Some links to know more

Ici et là-bas, les enfants s'engagent pour le climat. Le droit des enfants à vivre dans un environnement sain:
Here and there, children are committed to the climate. The right of children to live in a healthy environment:

- [Page de l'exposition 2022 \[Exhibition 2022, Geneva, quai Wilson\]](https://terredeshommessuisse.ch/exposition2022-les-jeunes-sengagent-pour-le-climat/)
- [Page consacrée au projet Enfants éco-journalistes \(Bolivie\) \[Page dedicated to the children eco-reporters project - Bolivia\]](https://terredeshommessuisse.ch/bolivie/)

<https://terredeshommessuisse.ch/bolivie/>

[Magazine avec les reportages des enfants éco-journaliste 2021](#) [TdH Magazine with children's reports]

[Diaporama de photos prises par des participant-e-s au projet](#) [Slide show: photos taken by participants]

<https://www.tdhsbolivia.org/index.php>

Articles de *Página siete*, journal électronique bolivien | Children's investigation published in a bolivian newspaper

<https://www.paginasiete.bo/gente/las-luchas-de-una-lavandera-que-limpia-un-rio-abandonado-y-otras-historias-de-la-crisis-hidrica-KK2873815>

- [Las luchas de una lavandera que limpia un río abandonado y otras historias de la crisis hídrica](https://www.paginasiete.bo/gente/las-luchas-de-una-lavandera-que-limpia-un-rio-abandonado-y-otras-historias-de-la-crisis-hidrica-KK2873815)
- [Un río desaparecido y otras historias de la crisis del agua desde la mirada de estudiantes](https://www.paginasiete.bo/gente/las-luchas-de-una-lavandera-que-limpia-un-rio-abandonado-y-otras-historias-de-la-crisis-hidrica-KK2873815)

<https://www.paginasiete.bo/gente/las-luchas-de-una-lavandera-que-limpia-un-rio-abandonado-y-otras-historias-de-la-crisis-hidrica-KK2873815>



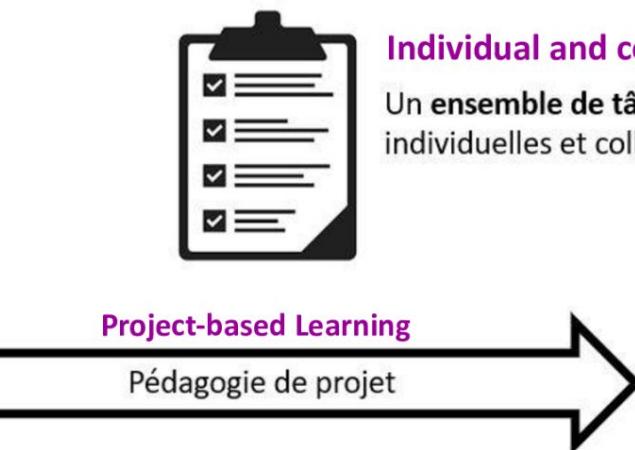
Project-based Learning according Perrenoud (1999)

La pédagogie de projet selon Perrenoud (1999)



Une entreprise collective
(groupe classe,
établissement scolaire, etc.)

A collective enterprise



Individual and collective tasks

Un ensemble de tâches individuelles et collectives



Une réalisation concrète autour d'un but mobilisateur

A concrete achievement around a mobilizing goal

Des savoirs, savoirs faire et savoirs être en lien avec **la gestion de projet** (collaborer, décider, planifier, coordonner, etc.)

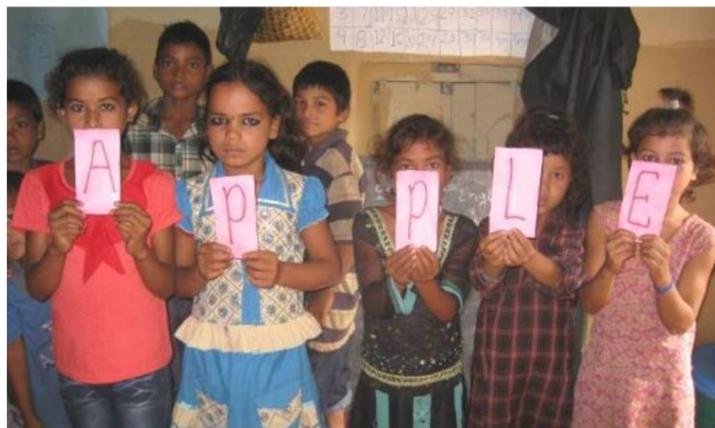
Knowledge and skills related to project management (collaboration, participation, planification, etc.)

Des apprentissages identifiables figurant au programme d'une ou plusieurs disciplines.

Identifiable learning included in the program of several disciplines



MOVEMENT AND PLAY-BASED LEARNING – WHY?



© Swiss Academy for Development (SA4D)



LEARNING THROUGH SPORT AND PLAY

The LEGO Foundation in support of 



Learning through play

Strengthening learning through play in early childhood education programmes



- ① The Global Compact on Refugees
- ② Elite sports and refugees
- ③ Monitoring & evaluation and learning
- ④ Resources for using sport in work with
- ⑤ Visit the UNHCR website

In partnership with



Sport and refugees

 United Nations Climate Change

[Home](#) [COP 27](#) [Process and meetings](#) [Topics](#) [Calendar](#) [Climate action](#)

Sports for Climate Action.

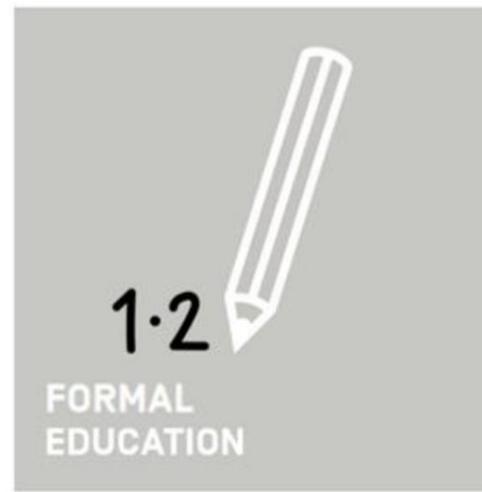


Fit for Life

Using sport to drive health, education and equality outcomes

 2
 6
 2
 2

LEARNING THROUGH SPORT AND PLAY



- Holistic and multi-sensory learning
- Child development
- Cognitive, physical, social, emotional

- Preparation to (re) enter school
- Awareness building and lifelong learning in refugee settings

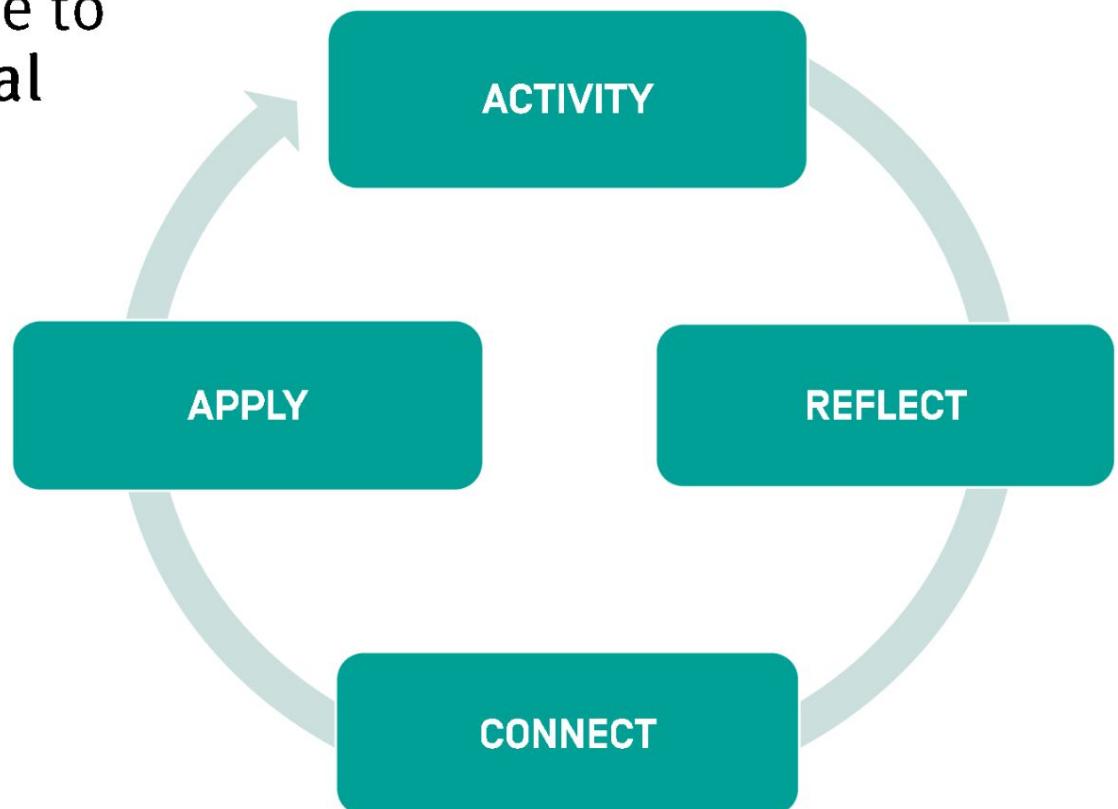
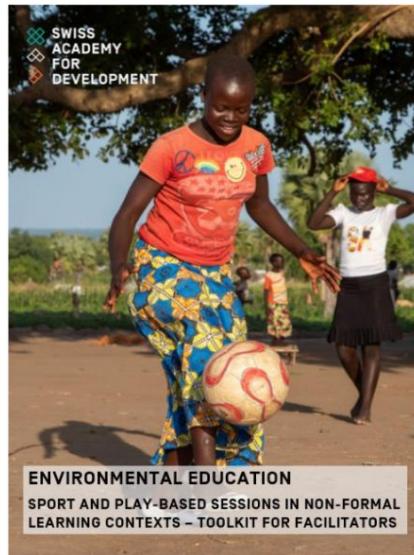
- Teacher trainings on play-based learning
- Extracurricular activities, e.g. for psychosocial health, hygiene, gender...

- Education for peace and sustainable development
- Life skills and (green) entrepreneurship



EXAMPLES – ENVIRONMENTAL EDUCATION

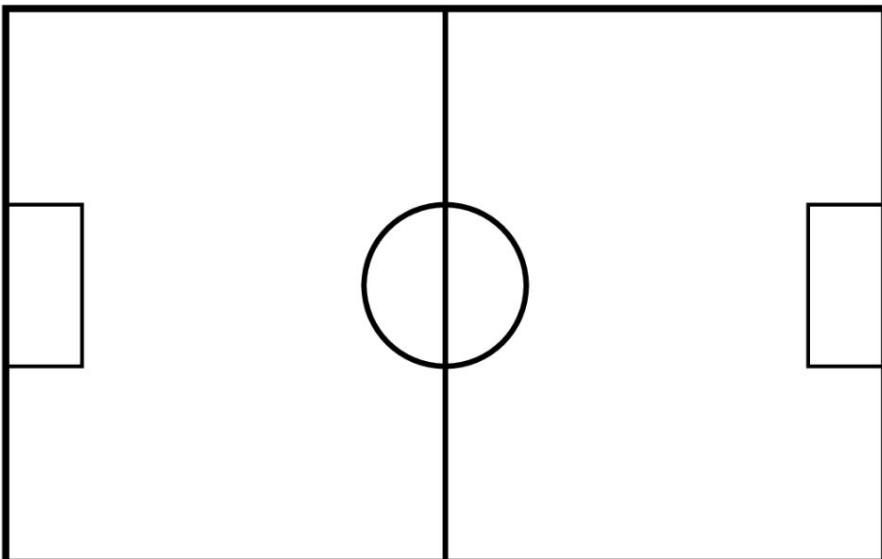
Using sport and play to contribute to SDG 4.7 in formal and non-formal learning contexts, based on the Interactive Learning Cycle



EXAMPLES – ENVIRONMENTAL EDUCATION

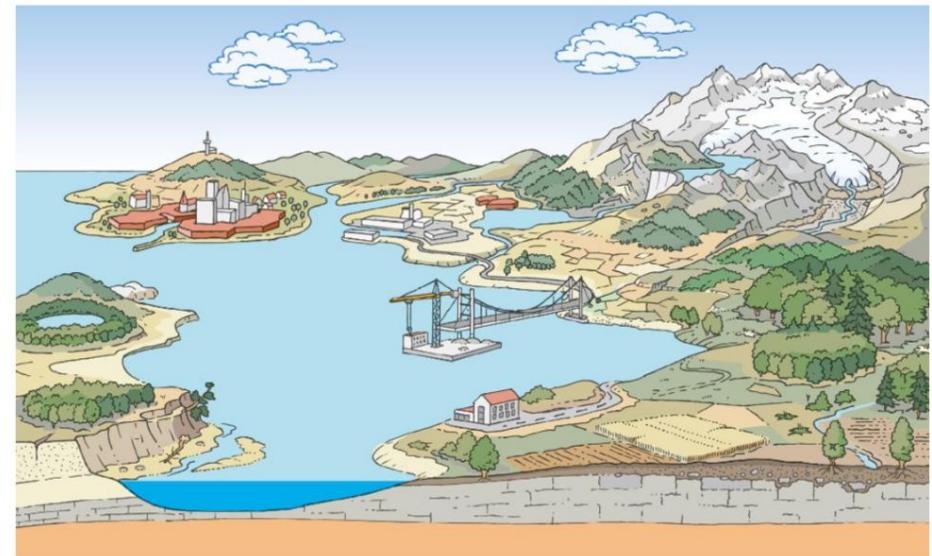
SHORT INTRODUCTION
BRÈVE INTRODUCTION

IN BERN: CLIMATE CHANGE – A GLIMPSE



CHANGEMENT CLIMATIQUE – UN APERÇU

ONLINE: DISCOVERING THE ATMOSPHERE



EN LIGNE: DÉCOUVRIR L'ATMOSPHÈRE

18

EFFECTIVE
COMMUNICATION

BENEFITS FROM
OUR SPHERES

PLANTING TREES TO
PROTECT (BALL) EROSION

STRESS
MANAGEMENT

DECISION
MAKING

SELF-
AWARENESS

COOPERATION

RECYCLING OUR WASTE

ENVIRONMENTAL EDUCATION – EXAMPLE ACTIVITIES

CROPS AGAINST PESTS –
DIVERSIFYING MY AGRO-GARDEN

SUSTAINABILITY GAME

THE ROLE OF HONEY BEES
FOR NATURE AND HUMANS

LIFE SKILLS AND
WELLBEING

PARTICIPATORY AND
INTERDISCIPLINARY
LEARNING



SELF-
EFFICACY



CURRICULUM DEVELOPMENT (SELECTION)

EDUCATION

- Early childhood development
- Formal and non-formal primary and secondary education
- Environmental and peace education



EMPLOYMENT

- Entrepreneurship development
- Entrepreneurial skills and employability skills



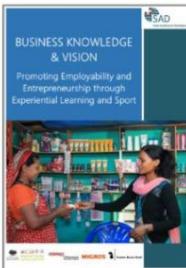
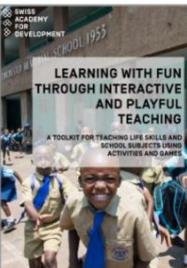
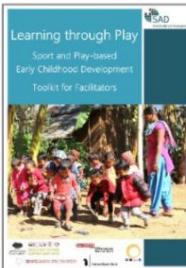
HEALTH

- Psychosocial health (incl trauma recovery)
- Sexual and reproductive health and rights
- Hygiene management



INTEGRATION

- Interethnic dialogue
- Conflict transformation



EDUCATION INNOVATION RECOGNITIONS

<https://hundred.org/en>

- Selected by HundrED.org as one of the top 100 education innovations in the world to watch in 2023
- Shortlisted for the 2021 HundrED and LEGO Foundation Spotlight on Social & Emotional Learning Innovations <https://hundred.org/en/innovations/children-on-the-move>
- Winner of the 2011 Beyond Sport and UNICEF Sport for Education Award <http://www.beyondsport.org/project/m/move-4-new-horizons/>
- Finalist for the 2011 WISE Awards <https://www.wise-qatar.org/project/move-4-new-horizons-switzerland/>
- Featured on Centre for Education Innovations

<https://www.paginasiete.bo/gente/las-luchas-de-una-lavandera-que-limpia-un-rio-abandonado-y-otras-historias-de-la-crisis-hidrica-KK2873815>



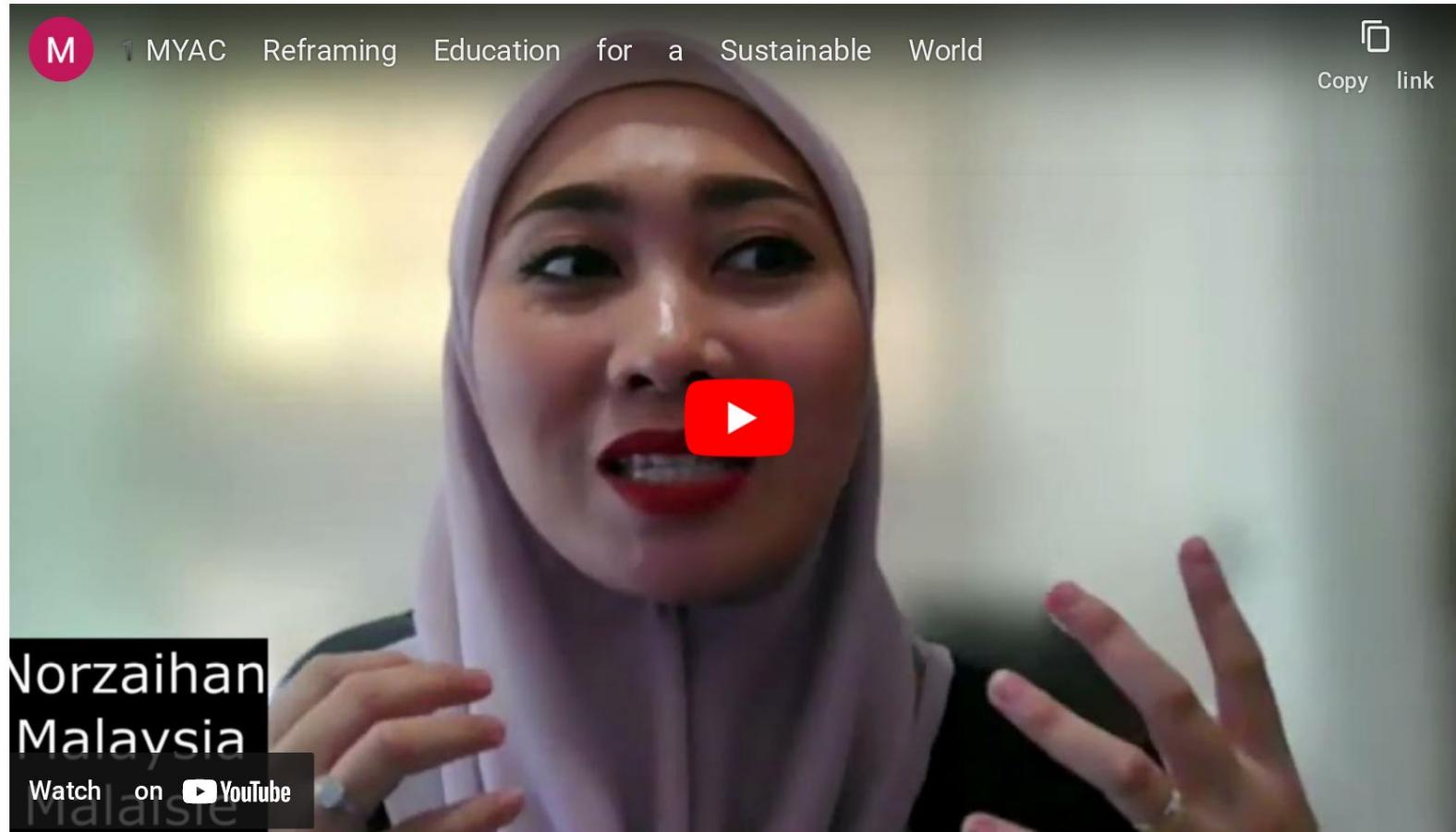
Teachers: integrating sustainable development education

Enseignant-es : intégrer l'éducation au développement durable

1 Million Youth Actions Challenge (1MYAC): Mathias Baridon

1 MILLION
YOUTH ACTIONS
challenge





1 Million Youth Actions Challenge (1MYAC): Mathias Baridon

<https://youtu.be/y4INrM9spnk>

1 2 6 2 2

Sharing experiences and recommendations: GUIDELINES

3 groups

- Terre des Hommes Suisse: online
- SA4D: Bern
- 1MYAC: Bern

Each group during 30 minutes will share experiences related to the contribution's topic, and then propose recommendations (french or english)

Question for recommendations: ***How to address environmental issues through interdisciplinary and participatory-innovative approaches?***

Recommendations (1 responsible by group)

“XX stakeholder, please do Y for SDG 4.7”

Partage d'expériences et recommandations : CONSIGNES

3 groupes

- Terre des Hommes Suisse : en ligne
- SA4D : Berne
- 1MYAC : Berne

Chaque groupe pendant 30 minutes partagera des expériences en rapport avec la thématique de la contribution, puis proposera des recommandations (français ou anglais).

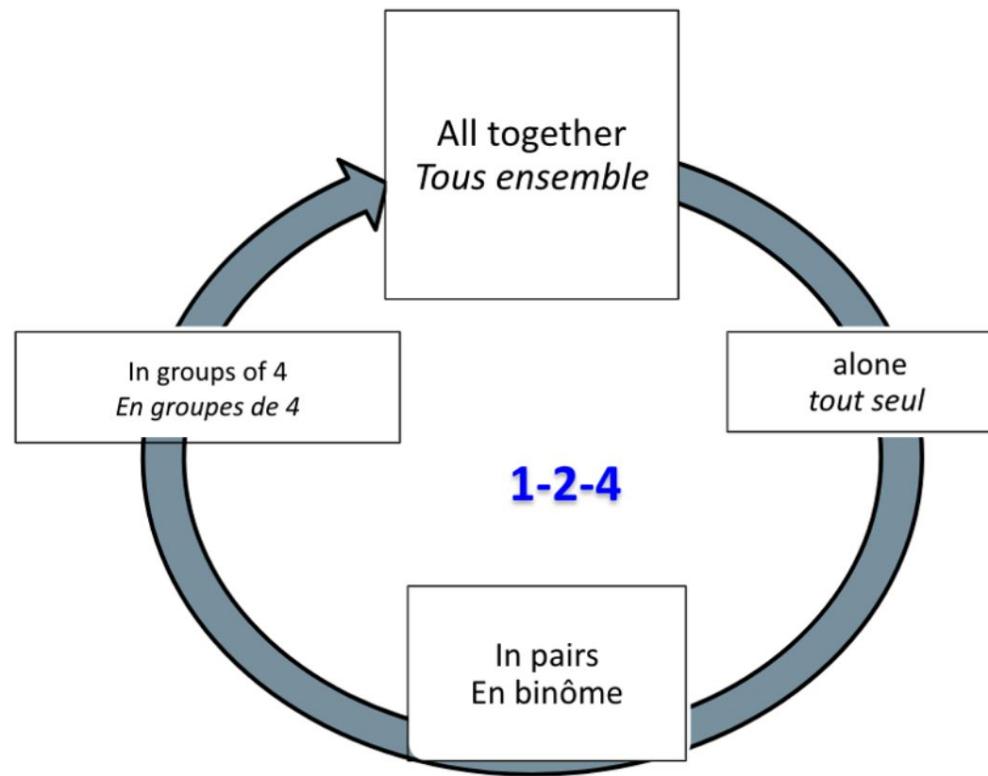
Question pour les recommandations : ***Comment traiter des questions environnementales par des approches interdisciplinaires et participatives innovantes ?***

Recommandations (1 responsable par groupe)

“XX partie prenante, veuillez faire Y pour l'ODD 4.7”

1 2 6 2 2 2

1-2-4-All method | Méthode 1-2-4-Tous



Recommendations

1 Submission

2 Voting (0)

3 Result

1

Educational institutions please create platforms to track and record experiences/projects on

0

1

NGOs should observe how local stakeholders tackle the issue, provide technical support and

0

1

Les autorités éducatives
Flexibiliser le curriculum

0

1 2 2 6 2 2 3