



Cambiamenti climatici, migrazioni e giustizia ambientale:
il Centro di Documentazione del Cies e il kit didattico del progetto “SAME World”

Alessia Romeo CIES Onlus



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the European Union



Mediazione interculturale



comunicazione



Mostre & teatro



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Educazione alla cittadinanza globale



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L'AMBIENTE IN BIBLIOTECA. LE BIBLIOTECHE PER L'AMBIENTE: reti e altre buone pratiche

Lead partner:  **CENTRO
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Project partner:


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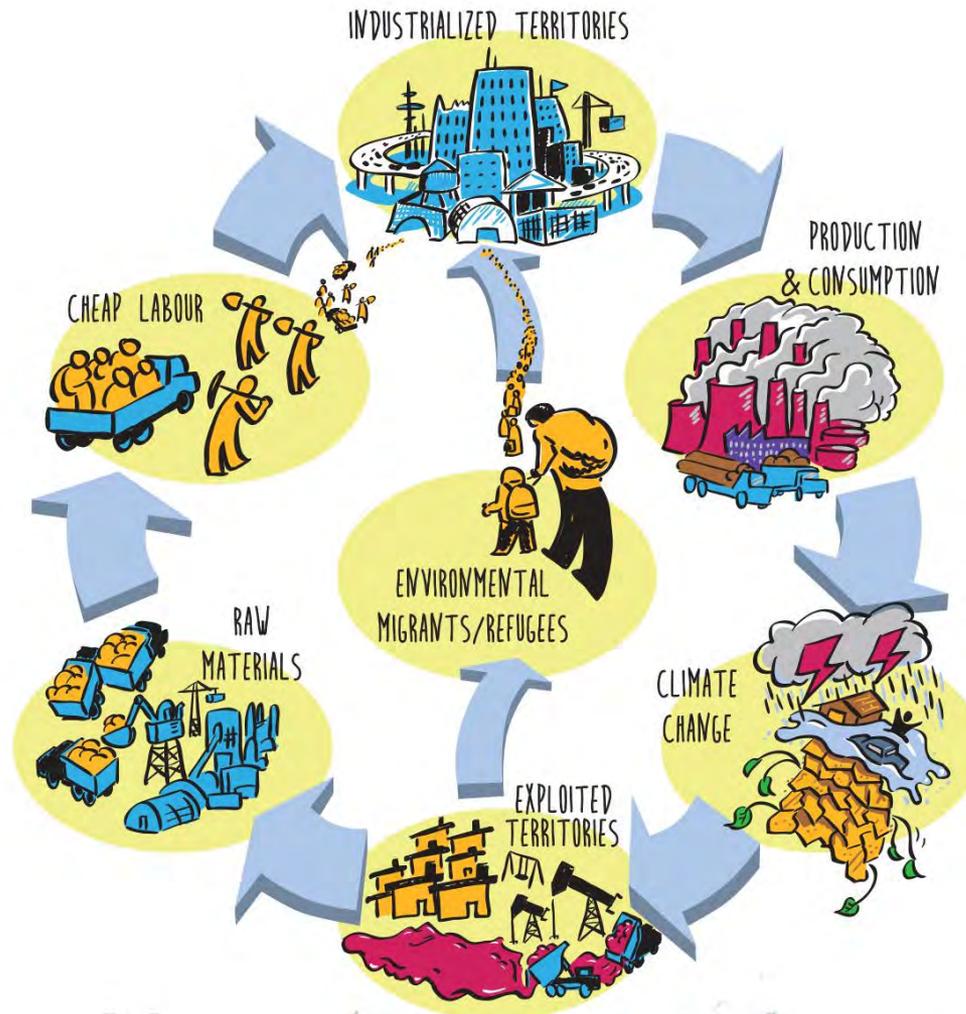
 **FOR.COM.**
Formazione per la Comunicazione
Consorzio Interuniversitario


HUMANITAS


OIKOS

 **Peipsi**
Center for
Transboundary
Cooperation


Slovak Centre
for Communication
and Development



| ATTIVITÀ PROGETTUALI

- Laboratori
- Blended course
- Attività all'aperto
- Concorso europeo di buone pratiche
- Osservatorio sulla giustizia ambientale
- Raccolta di buone pratiche nel Sud Globale
- Gioco di ruolo online

Centro Documentazione – Biblioteca interculturale CIES





SAMEWORLD EDUKIT

Contents, class activities and online resources for educators

English (en)

Learn more about environmental justice and migration and promote global citizenship!

 Dear Teacher

 Tutorial



Environmental Justice

What is environmental justice? Why should we care?

[Go to Units](#)

[Go to Activities](#)



Climate Change

Why is Climate changing and which are the consequences? Can we reduce our impact on the earth?

[Go to Units](#)

[Go to Activities](#)



Environmental Migration

Why is this the "age of migration"? Who are the environmental migrants and how can we protect them?

[Go to Units](#)

[Go to Activities](#)





Environmental Justice

▼ UNIT 1. IN A SINGLE WORLD: THE NATURAL BALANCE

- 1.1 Biodiversity - an essential component of ecosystems
- 1.2 Biodiversity and sustainability
- 1.3 Biodiversity - what benefits for the Earth
- 1.4 Can an economic model respect biodiversity?
- 1.5 How can biodiversity strengthen stability?

▼ UNIT 2. WE DO NOT HAVE ALL THE SAME OPPORTUNITIES

- 2.1 Environmental justice
- 2.2 Examples of environmental injustice
- 2.3 Actors involved in environmental justice issues
- 2.4 Are social equity and environmental sustainability compatible in our global economy?



Climate Change

▼ UNIT 5. EARTH AND ITS FUNCTION

- 5.1 What is climate?
- 5.2 What regulates CO₂ in the atmosphere?
- 5.3 The historical human ability to adapt to climate change
- 5.4 Can nature have rights?
- 5.5. What are the differences between climate and weather and what is an extreme climate event?

▼ UNIT 6. SOMETHING IS NOT WORKING

- 6.1 Signs of climate change
- 6.2 The Increase in CO₂ concentration
- 6.3 Different causes of climate change
- 6.4 Are we equally responsible for the increase of CO₂?
- 6.5 The carbon footprint of my jeans - what is it?



Environmental Migration

▼ UNIT 9. HUMANS, A SPECIES IN MOVEMENT

- 9.1 The Age of Migration
- 9.2 Representing migrations in geography
- 9.3 The sense of belonging for migrants
- 9.4 Humans: a migrating species?
- 9.5 Why do people migrate?

▼ UNIT 10. 45 MILLION PEOPLE IN FORCED MOVEMENT

- 10.1 Environmental Migrations: Juridical definitions.
- 10.2 Environmental Migrants: Juridical protection.
- 10.3 Geographies of territories
- 10.4 Why is it difficult to forecast migration trends?
- 10.5 How does climate change affect migration?

▼ UNIT 11. BEING VULNERABLE

	Environmental Justice	Climate Change	Environmental Migration
Content Index			
UNIT 5. EARTH AND ITS FUNCTION			
5.1 What is climate?			
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6.5 The carbon footprint of my jeans - what is it?			
UNIT 7. LIMITS OF THE PLANET: CLIMATE CHANGE EFFECTS			
7.1 Short, medium and long term effects of CC			
7.2 Effects of climate change on water			
7.3 Impact of climate change on agricultural production			
7.4 Will climate change have an impact on human health?			



6.5 The carbon footprint of my jeans - what is it?

The **carbon footprint** measures how much carbon (and other greenhouse gasses) goes into the atmosphere because of something done by people (not by nature). Just as walking on the sand leaves a footprint, burning fuel leaves carbon dioxide in the air, which is called a carbon footprint.

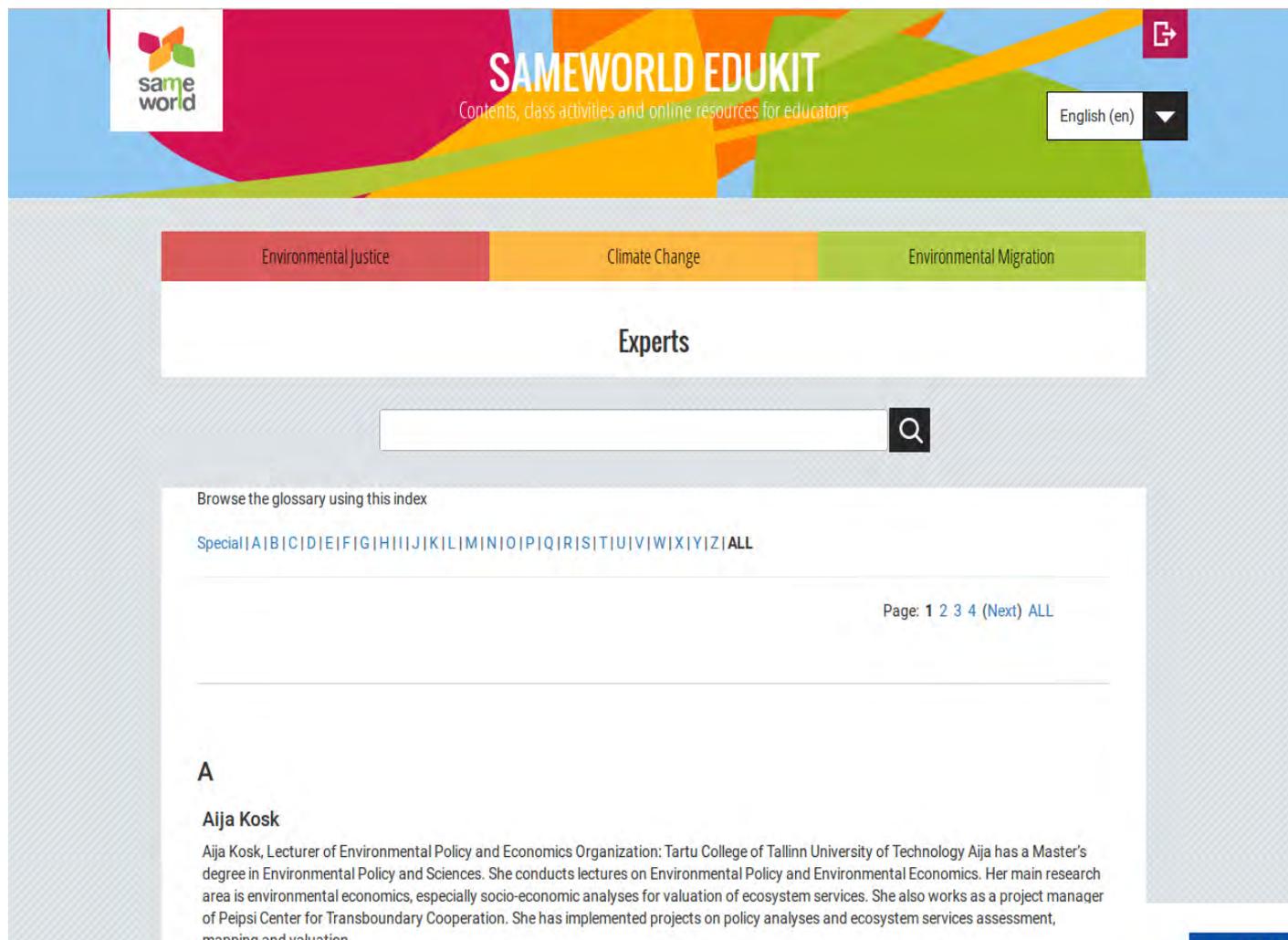
Greenhouse gases (GHGs) (see also *Unit 6.4*) can be emitted through transport, land clearance, and the production and **consumption** of food, fuels, manufactured goods, materials, wood, roads, buildings, and services. For simplicity of reporting, it is often expressed in terms of the amount of carbon dioxide, or its equivalent of other GHGs, emitted. Most of the carbon footprint emissions for the average developed country's household come from "indirect" sources (https://en.wikipedia.org/wiki/Carbon_footprint), i.e. fuel burned to produce goods far away from the final consumer. These are distinguished from emissions which come from burning fuel directly in one's car or stove, commonly referred to as "direct" sources of the consumer's carbon footprint.

There are many calculators available to measure a personal carbon footprint:

- <http://www.nature.org/greenliving/carboncalculator/>
- <http://www3.epa.gov/carbon-footprint-calculator/>
- <http://www.carbonfootprint.com/calculator.aspx>

but not many to measure a footprint for consumer goods.

Did you think about everyday items we use and take for granted? Let us take the example of a pair of jeans. We can divide the lifecycle of jeans into two main areas: manufacturing and use. Manufacturing has several components we have to take into account: cultivation and harvesting of cotton, transportation of materials, spinning the cotton into yarn, washing and



The screenshot shows the homepage of the SAMEWORLD EDUKIT website. At the top left is the 'same world' logo. The main header features the text 'SAMEWORLD EDUKIT' and 'Contents, class activities and online resources for educators'. There is a language selector set to 'English (en)' and a share icon. Below the header are three navigation tabs: 'Environmental Justice', 'Climate Change', and 'Environmental Migration'. The main content area is titled 'Experts' and includes a search bar. Below the search bar, it says 'Browse the glossary using this index' followed by a list of letters: 'Special | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | ALL'. A pagination bar shows 'Page: 1 2 3 4 (Next) ALL'. The first entry under the letter 'A' is 'Aija Kosk', with a brief description of her role as a lecturer at Tartu College of Tallinn University of Technology.



Environmental Justice

Writing

Grandma cricket 14-
To govern a city 14-
Immigrants from the natural world 14-

Mathematics

Virtual water 14-
Access to energy and poverty 14-
Environmental justice in a map: an on-line atlas 14-

Science

Fishing game 11-
Rally in supermarkets 11-
100% cotton 14-

Creativity

World Game 11-



Climate Change

Writing

The cement industry pollutes! 14-
Climate Bingo 9-
Interview - Let's talk greeny 14-

Mathematics

Opinion barometer "Reasons of climate change" 14-
Different emissions, different responsibilities 14-
How to construct a climate graph 14-
Winners or loser -11

Science

Searching in the mind 11-
Trees in the city 9-
Measuring the Weather 11-

Creativity



Environmental Migration

Writing

Breakfast club 14-
Climate change causes cattle farmers to migrate 14-
Let's talk openly about migration! 14-

Mathematics

Migration - facts and stories 14-
Are you hungry? 11-

Science

Soul Maps 11-
Imaginary journey 11-

Creativity

Comics for inclusion 9-
Our message! (Poster for

same world **SAMEWORLD EDUKIT**
Contents, class activities and online resources for educators

English (en)

Environmental Justice | Climate Change | **Environmental Migration**

Content Index

- UNIT 9. HUMANS, A SPECIES IN MOVEMENT**
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Soul Maps

11+

Typology of the activity: Science - mapping
Topic: **Migration**, human rights
Age: 11+
Duration: 14h
Curriculum subjects: Science, geography, art

Class Activities Menu

- Writing**
 - Breakfast club 14-
 - Climate change causes cattle farmers to migrate 14-
 - Let's talk openly about migration! 14-
- Mathematics**
 - Migration - facts and stories 14-
 - Are you hungry? 11-
- Science**
 - Soul Maps 11-
 - Imaginary journey 11-
- Creativity**
 - Comics for inclusion 9-
 - Our message! (Poster for environmental migration) 14-
 - The game of links – climate change and environmental justice 11-



Step by step

Materials:

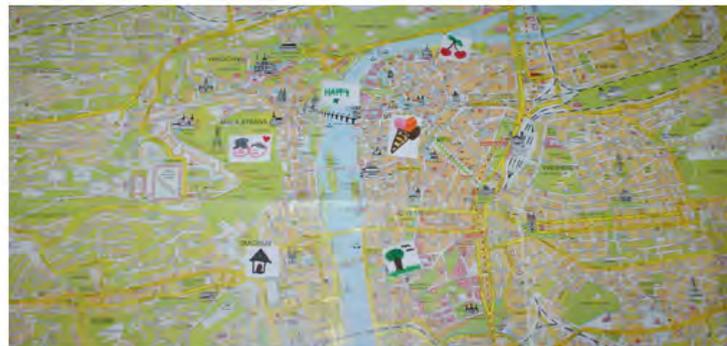
- City map
- Poster board
- Colors

Step 1:

The activity starts with determining the notion of "map" through a brainstorming. What is a map? Should a map only contain places or also people and their stories? Time 2h

Step 2:

Each student is asked to choose 6 places in the city he/she lives which are meaningful and important for his/her story and memories. Once the places have been chosen, they should be located on the city map and the students should create drawings of these places. Drawings can be realistic (for example, if you want to depict the memory of a fountain, you draw a fountain), metaphorical (for example, you could draw some flowing water), or, simply, abstract symbols and words.



Time 2h

The activity was inspired by the book: "La mia casa è dove sono" (Home is where I am), by Italian-Somali writer Igiaba Shogo, Rizzoli 2010.



Pedagogical focus

In the framework of intercultural pedagogy, reflection on shared places, which are meaningful in different ways, will prompt reflection on diversities we deal with everyday and that coexist in the same place and the same environment. At the same time, the "cities in our memory" may be important for similar reasons and have generated similar stories.

This activity is also an opportunity to reflect on **identity** and on the several elements that make it up, and to move away from the notion of a monolithic identity. Each of us is the generator of stories that contributes to creating a complex and multiple identity.

This activity also encourages the exploration of the world, through localization and representation activities, the use of reference systems and map drawing.



Activity by

Activity by: [CIES Onlus](#)

same world

SAMEWORLD EDUKIT

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English (en)

Environmental Justice Climate Change Environmental Migration

Bibliography

Search

Environmental Migration Climate Change Environmental Justice **All categories**

Type Keywords Language

CLIMATE CHANGE

350.org

350.org is building a global climate movement. Their online campaigns, grassroots organizing, and mass public actions are coordinated by a global network active in over 188 countries. website: <http://350.org/>

Keyword(s):



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I valori della solidarietà e della cooperazione dal 1983

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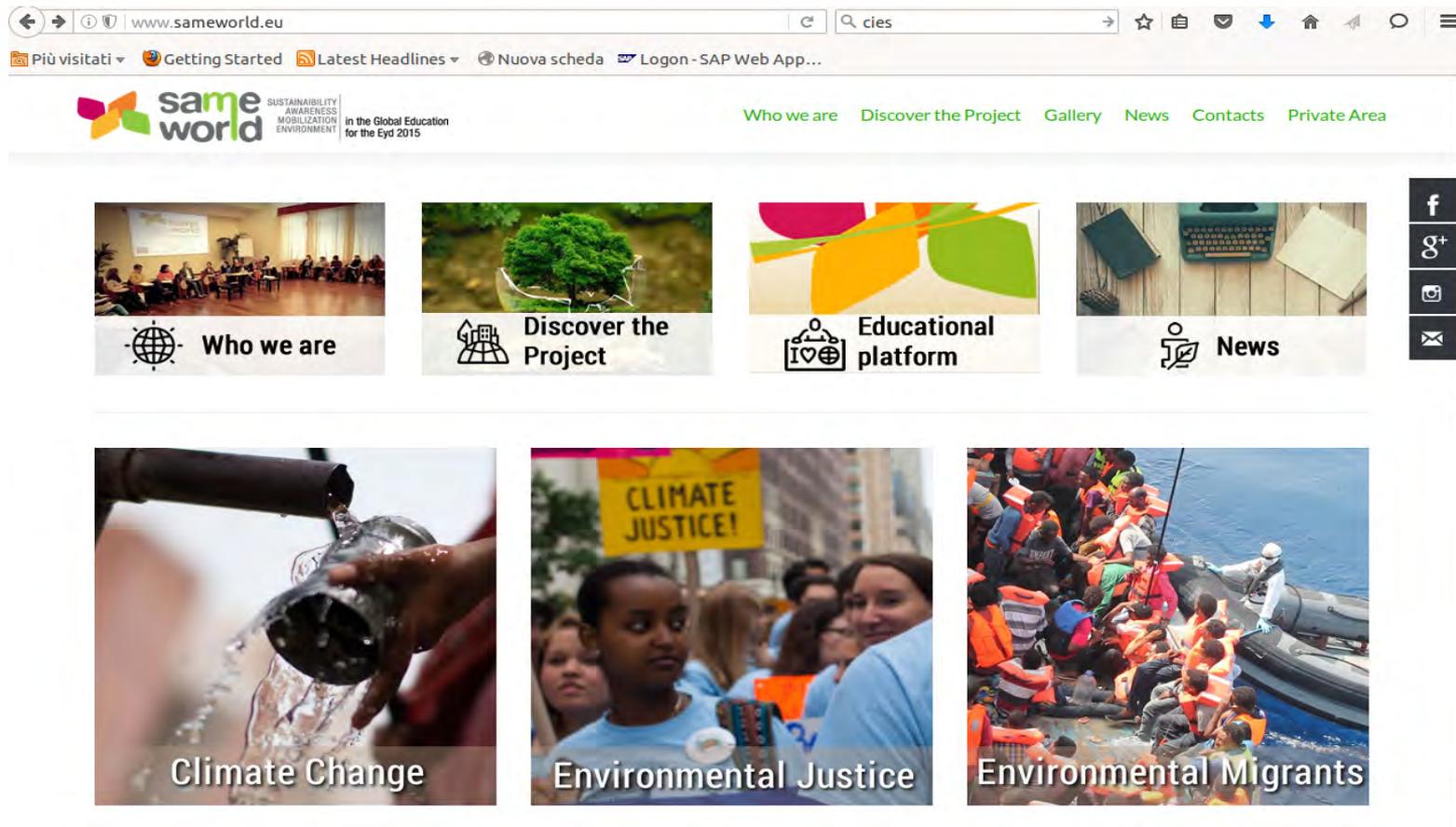
centro documentazione - Biblioteca Interculturale CIES

Il Centro Documentazione Biblioteca Interculturale del CIES Onlus nasce nel 1983, con lo scopo di fornire risorse documentarie alle attività di solidarietà e cooperazione.



Video Tutorial

L'AMBIENTE IN BIBLIOTECA. LE BIBLIOTECHE PER L'AMBIENTE: reti e altre buone pratiche



The screenshot shows the homepage of the website www.sameworld.eu. The browser address bar displays the URL and a search term 'cies'. The navigation menu includes 'Più visitati', 'Getting Started', 'Latest Headlines', 'Nuova scheda', and 'Logon - SAP Web App...'. The main navigation bar features the 'same world' logo with the tagline 'SUSTAINABILITY AWARENESS MOBILIZATION ENVIRONMENT in the Global Education for the Eyd 2015' and links to 'Who we are', 'Discover the Project', 'Gallery', 'News', 'Contacts', and 'Private Area'. A vertical sidebar on the right contains social media icons for Facebook, Google+, YouTube, and Email. The main content area is divided into two rows of four tiles each. The first row contains tiles for 'Who we are' (with a globe icon), 'Discover the Project' (with a tree icon), 'Educational platform' (with a book icon), and 'News' (with a person icon). The second row contains tiles for 'Climate Change' (with a water tap icon), 'Environmental Justice' (with a 'CLIMATE JUSTICE!' sign icon), and 'Environmental Migrants' (with a group of people in a boat icon).

www.sameworld.eu

Environmental Justice

Climate Change

Environmental Migration

[Skip to create new account](#)

Log in

Username

Password

Remember username

[Forgotten your username or password?](#)

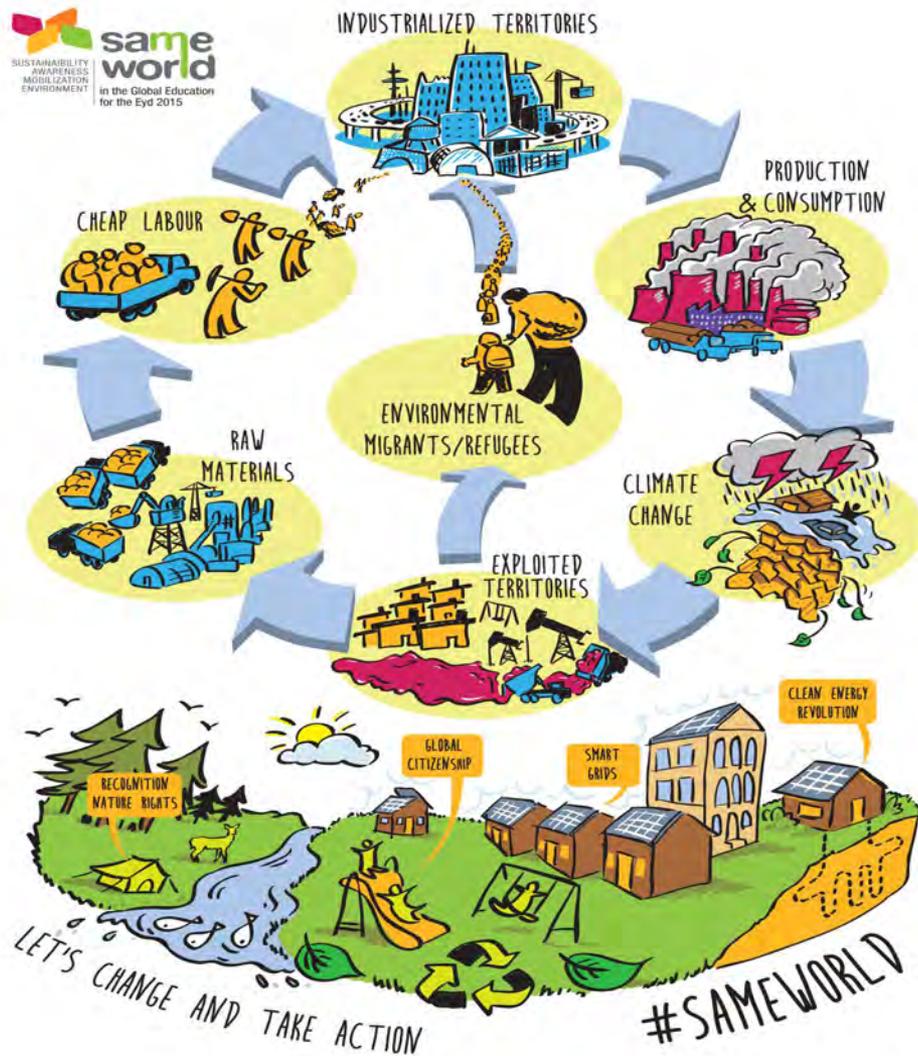
Cookies must be enabled in your browser 

Is this your first time here?

Hi! For full access to courses you'll need to take a minute to create a new account for yourself on this web site. Each of the individual courses may also have a one-time "enrolment key", which you won't need until later. Here are the steps:

1. Fill out the [New Account](#) form with your details.
2. An email will be immediately sent to your email address.
3. Read your email, and click on the web link it contains.
4. Your account will be confirmed and you will be logged in.
5. Now, select the course you want to participate in.
6. If you are prompted for an "enrolment key" - use the one that your teacher has given you. This will "enrol" you in the course.
7. You can now access the full course. From now on you will only need to enter your personal username and password (in the form on this page) to log in and access any course you have enrolled in.

L'AMBIENTE IN BIBLIOTECA. LE BIBLIOTECHE PER L'AMBIENTE: reti e altre buone pratiche



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