City@EDU

Twining schools, Twinning Communities Around the World

The Glocal Citizenship School

Sharing Education For Sustainable Development

Proposed Sustainable Development Goals
Goal 11 - Make cities & human settlements inclusive, safe, resilient & sustainable (detail below)

INTRODUCTION

"A growing number of cities recognize that learning, in its broadest sense, can be a driver for social, cultural, economic and environmental wellbeing. These cities are developing innovative strategies that allow citizens of all ages to learn new skills and competencies, thereby transforming their cities into learning cities".

People have always moved to the cities in order to connect. Today, as learning cities, they work as "points of access" and "hubs" of knowledge of a global interconnected technological supported network society.

Taking into consideration the role of cities, towns, villages, local and regional authorities to build the communities of the future and the emerging importance of new literacies as energy, water, climate, code and global citizenship, among others, to build sustainable cities, we see the rising of educational programs and initiatives within the cities fostering the increase the quality of participation and inclusion.

Being aware of the importance of the cities and their role in the learning process, we created the **City@EDU Initiative,** to support city initiatives and programs in the following lines of action:

a) **Provide technological infrastructures for city learning initiatives and programs;**
b) **Support the city initiatives to connect their schools with schools in other countries;**
c) **Support city programs and initiatives to improve literacy in key city responsabilities, such as water and energy.**

Specific Programs

The use of **Information, Communication and Scientific Technologies** (**ICSTs**) in Education facilitates the development of a "glocal" citizenship and 21st Century Literacy.

The **Initiatives** promoted by **Millennium@EDU Sustainable Education** aim to foster the various lines of action referred to above, such as the collaborative process and the introduction of literacy on these subjects, contributing to the development of Sustainable Cities.

Provide technological infrastructures for city learning initiatives and programs

The **Millennium@EDU Model Classroom** (http://millenniumedu.org/model-classroom-2) is an integrated technological infrastructure, designed to provide a learning ecosystem to teachers and students.

Support the city initiatives to connect their schools with schools in other countries;

Millennium@EDU World Classroom Partnerships (http://millenniumedu.org/world-classroom) is an **Initiative** which intends to connect students and teachers with the support of **ICTSs**, in different countries, under a comprehensive education plan aiming to significantly contribute to the **Millennium and Sustainable Development Goals**, improving the quality of education and promoting 21st century skills and themes.

Support city programs and initiatives to improve literacy in key city responsabilities, such as water and energy.

ENERGY@EDU is an **Initiative** focused on promoting the development of international collaborative projects between students and teachers based on scientific experiments, aiming to promote **Energy Literacy**, using a specific **Labware Energy Kit**.
http://millenniumedu.org/energyedu/

ENERGY@EDU is part of **Millennium@EDU Commitment** to **UNESCO Education for Sustainable Development Initiative,** regarding the connection of students and teachers in different countries under a comprehensive education plan, based on scientific experiments and **Sustainable Development Issues**, like water, food and environment, among others, improving the quality of **Education for Sustainable Development**.
https://unesco4esd.crowdmap.com/reports/view/311

and to the **Commitment** to **United Nations/World Bank Sustainable Energy for All**, which aims to promote **Energy Literacy** through the use of collaborative scientific experiments**,** for the students included in the **World Classroom Partnerships Initiative.**
http://www.se4all.org/commitment/energyatedu/

WATER@EDU is an **Initiative** focused on promoting the development of international collaborative projects between students and teachers based on scientific experiments, aiming to promote **Water Literacy**, using a **Labware Science Kit**.

WATER@EDU is also part of **Millennium@EDU Commitment** to **UNESCO Education for Sustainable Development Initiative.**

http://millenniumedu.org/wateredu/

CLIMATE@EDU is an **Initiative** focused on promoting the development of international collaborative projects between students and teachers based on scientific experiments, aiming to promote **Water Literacy**, using a **Labware Science Kit**.

CLIMATE@EDU is also part of **Millennium@EDU Commitment** to **UNESCO Education for Sustainable Development Initiative.**

http://millenniumedu.org/climateedu/

Proposed Goal 11

Make cities and human settlements inclusive, safe, resilient and sustainable

11.1 by 2030, ensure access for all to adequate, safe and affordable housing and basic services, and upgrade slums

11.2 by 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to

the needs of those in vulnerable situations, women, children, persons with disabilities and older persons

11.3 by 2030 enhance inclusive and sustainable urbanization and capacities for participatory, integrated and sustainable human settlement planning and management in all countries

11.4 strengthen efforts to protect and safeguard the world's cultural and natural heritage

11.5 by 2030 significantly reduce the number of deaths and the number of affected people and decrease by y% the economic losses relative to GDP caused by disasters, including water-related disasters, with the focus on protecting the poor and people in vulnerable situations

11.6 by 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality, municipal and other waste management

11.7 by 2030, provide universal access to safe, inclusive and accessible, green and public spaces, particularly for women and children, older persons and persons with disabilities

11.a support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning

11.b by 2020, increase by x% the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, develop and implement in line with the forthcoming Hyogo Framework holistic disaster risk management at all levels

11.c support least developed countries, including through financial and technical assistance, for sustainable and resilient buildings utilizing local materials